

Field	Details
	<p>This is a relationship field.</p> <p>Relationship Name MasterRecord</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
Origin	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The source of the case, such as Email, Phone, or Web. Label is Case Origin.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the contact who owns the case. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the parent case in the hierarchy. The label is Parent Case. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p>

Field	Details
	Refers To Case
Priority	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update Description The importance or urgency of the case, such as High, Medium, or Low.
QuestionId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The question in the answers zone that is associated with the case. This field does not appear if you don't have an answers zone enabled.
Reason	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The reason why the case was created, such as Instructions not clear, or User didn't attend training.
RecordTypeId	Type reference Properties Create, Filter, Nillable, Update Description ID of the record type assigned to this object.
ServiceContractId	Type reference Properties Create, Filter, Nillable, Update Description Required. ID of the ServiceContract associated with the entitlement. Must be a valid ID.
SlaStartDate	Type dateTime

Field	Details
	<p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Shows the time that the case entered an entitlement process. If you have the Edit permission on cases, you can update or reset the time. This field is available in API version 18.0 and later.</p>
SourceId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the social post source.</p>
Status	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update</p> <p>Description The status of the case, such as New, Closed, or Escalated. This field directly controls the <code>IsClosed</code> flag. Each predefined <code>Status</code> value implies an <code>IsClosed</code> flag value. For more information, see <code>CaseStatus</code>.</p>
StopStartDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time an entitlement process was stopped on the case. This field is available in API version 18.0 and later.</p>
Subject	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The subject of the case. Limit: 255 characters.</p>
SuppliedCompany	<p>Type string</p>

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The company name that was entered when the case was created. Label is <code>Company</code>.</p>
SuppliedEmail	<p>Type email</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The email address that was entered when the case was created. Label is <code>Email</code>. If your organization has an active auto-response rule, <code>SuppliedEmail</code> is required when creating a case via the API. Auto-response rules use the email in the contact specified by <code>ContactId</code>. If no email address is in the contact record, the email specified here is used.</p>
SuppliedName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The name that was entered when the case was created. Label is <code>Name</code>.</p>
SuppliedPhone	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The phone number that was entered when the case was created. Label is <code>Phone</code>.</p>
Type	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The type of case, such as <code>Feature Request</code> or <code>Question</code>.</p>



Note: If you are importing Case data and need to set the value for an audit field, such as `CreatedDate`, contact Salesforce. Audit fields are automatically updated during API operations unless you request to set these fields yourself.

Usage

Use the Case object to manage cases for your organization. Client applications can query, update, and delete Attachment records associated with a case via the API.

Assignment Rules

When you query or update a case, your client application can have the case automatically assigned to one or more User records based on assignment rules that have been configured in the user interface. To use this feature, your client application must set either of the following options (but not both) in the AssignmentRuleHeader used in the create or update:

Field	Field Type	Details
<code>assignmentRuleId</code>	reference	ID of the assignment rule to use. Can be an inactive assignment rule. If unspecified and <code>useDefaultRule</code> is <code>true</code> , then the default assignment rule is used. To find the ID for a given assignment rule, query the AssignmentRule object (specifying <code>RuleType="caseAssignment"</code>), iterate through the returned AssignmentRule objects, find the one you want to use, retrieve its ID, and then specify its ID in this field in the AssignmentRuleHeader.
<code>useDefaultRule</code>	boolean	Specifies whether to use the default rule for rule-based assignment (<code>true</code>) or not (<code>false</code>). The default rule is assigned by users in the Salesforce user interface.

For a code example that shows setting the AssignmentRuleHeader for a Lead (which is similar to setting the AssignmentRuleHeader for a Case), see [Lead](#).

Separating Accounts from Contacts in Cases

In releases before 8.0, the `AccountId` could not be specified, it was derived from the contact's account. This behavior will continue to be supported in future releases, but you can also now specify an `AccountId`. If you do not specify the `AccountId` during the creation of a case, the value will default to the contact's `AccountId`.



Note: When a record is updated, if the `ContactId` has not changed, then the `AccountId` is not regenerated. This prevents the API from overwriting a value previously changed in the Salesforce user interface. However, if an API call changes the `ContactId` and the `AccountId` field is empty, then the `AccountId` is generated using the contact's account.

Using `_case` with Java

Depending on the development tool you use, you might need to write your application using `_case` instead of `Case`, because `case` is a reserved word in Java.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CaseChangeEvent (API version 44.0)

Change events are available for the object.

CaseFeed (API version 18.0)

Feed tracking is available for the object.

CaseHistory

History is available for tracked fields of the object.

CaseOwnerSharingRule

Sharing rules are available for the object.

CaseShare

Sharing is available for the object.

SEE ALSO:

[Account](#)

[CaseMilestone](#)

CaseArticle

Represents the association between a Case and a KnowledgeArticle. This object is available in API version 20.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Access to this object is controlled by the parent Case and KnowledgeArticle. However, when querying, access is only controlled by the parent Case.

Customer Portal users can't access this object.

Fields

Field	Details
ArticleLanguage	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Restricted picklist</p> <p>Description</p> <p>The language of the article associated with the case.</p>
ArticleVersionNumber	<p>Type</p> <p>int</p>

Field	Details
	Properties Create, Group, Nillable Description The number assigned to a version of an article. This field is available in API version 24.0 and later.
CaseId	Type reference Properties Create, Filter, Group, Sort Description ID of the Case associated with the KnowledgeArticle.
IsSharedByEmail	Type int Properties Create, Group, Nillable Description Indicates that the article has been shared with the customer through an email.
KnowledgeArticleId	Type reference Properties Create, Filter, Group, Sort Description ID of the KnowledgeArticle associated with the Case.

Usage

This object represents the association of a knowledge article with a Case. An article is associated with a case when it's relevant to a specific issue, when it helps an agent solve the case, or when the agent sends the article to a customer.

You can use this object to include case-article associations in Apex and Visualforce.

You can't update this object via the API. If you attempt to create a record that matches an existing record, the create request simply returns the existing record.

SEE ALSO:

[Case](#)

[KnowledgeArticle](#)

CaseComment

Represents a comment that provides additional information about the associated Case.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CommentBody	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Text of the CaseComment. The maximum size of the comment body is 4,000 bytes. Label is Body.</p>
ConnectionReceivedId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the PartnerNetworkConnection that shared this record with your organization. This field is available if you enabled Salesforce to Salesforce.</p>
ConnectionSentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the PartnerNetworkConnection that you shared this record with. This field is available if you enabled Salesforce to Salesforce. This field is supported using API versions earlier than 15.0. In all other API versions, this field's value is null. You can use the new PartnerNetworkRecordConnection object to forward records to connections.</p>
CreatorFullPhotoUrl	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>URL of the user's profile photo from the feed. Chatter Answers must be enabled to view this field. This field is available in API version 26.0 and later.</p>
CreatorName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Name of the user who posted the question or reply. Only the first name of internal users (agents) appears to portal users in the feed. Chatter Answers must be enabled to view this field. This field is available in API version 26.0 and later.</p>
CreatorSmallPhotoUrl	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>URL of the user's thumbnail photo from the feed. Chatter Answers must be enabled to view this field. This field is available in API version 26.0 and later.</p>
IsDeleted	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter</p> <p>Description</p> <p>Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
IsNotificationSelected	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Update</p> <p>Description</p> <p>Indicates whether an email notification is sent to the case contact when a CaseComment is created or updated. When this field is queried, it always returns null.</p> <p>This field is available only when the <code>Enable Case Comment Notification to Contacts</code> setting is enabled on the Support Settings page in Setup. To send email notifications for CaseComment, you must use the <code>EmailHeader triggerUserEmail</code>.</p> <p>Available in API version 43.0 and later.</p>

Field	Details
IsPublished	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the CaseComment is visible to customers in the Self-Service portal (<code>true</code>) or not (<code>false</code>). Label is Published. This is the only CaseComment field that can be updated via the API.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort,</p> <p>Description Required. ID of the parent Case of the CaseComment. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>



Note: If you're importing CaseComment data and must set the value for an audit field, such as `CreatedDate`, contact Salesforce. Record id's can't delete CaseComments entities when calling the `Database.delete()` Apex method or its analogous SOAP API. Audit fields are automatically updated during API operations unless you request to set these fields yourself.

Usage

In the Salesforce user interface, comments are entered by a User working on a Case. All users have access to create and view CaseComment in the Salesforce user interface and when using the API. In the API, CaseComment records can't be modified after insertion unless the user has the "Modify All" object-level permission for Cases or the "Modify All Data" permission. If not, users can only update the `IsPublished` field, and can't delete CaseComment.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

CaseContactRole

Represents the role that a given Contact plays on a Case.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CasesId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the cases associated with this contact. This is a relationship field.</p> <p>Relationship Name Cases</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
ContactId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. ID of the contact. This is a relationship field.</p> <p>Relationship Name Contact</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p>

Field	Details
	Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted .
Role	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Name of the role played by the contact on this case, such as Technical Contact, Business Contact, Decision Maker, and so on. Must be unique—there can't be multiple records in which the <code>CaseId</code> , <code>ContactId</code> , and <code>Role</code> values are identical. Different contacts can play the same role on the same case. A contact can play different roles on the same case.

Usage

Use this object to define the role that a given Case plays on a given Contact. For example, you can use this object to be able to see all contacts who are associated to a case, or, given a contact, be able to query all cases that they are associated with, even if they are not the primary contact on the case.

CaseHistory

Represents historical information about changes that have been made to the associated Case.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

You can also enable `delete()` in API version 42.0 and later. See [Enable delete of Field History and Field History Archive](#).

Special Access Rules

This object is always read-only.

Fields

Field	Details
CaseId	Type reference Properties Filter, Group, Sort

Field	Details
	<p>Description ID of the Case associated with this record. This is a relationship field.</p> <p>Relationship Name Case</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
DataType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Data type of the field that was changed.</p>
Field	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description Name of the case field that was modified, or a special value to indicate some other modification to the case. The possible values, in addition to the case field names, are:</p> <ul style="list-style-type: none"> • ownerAssignment—The owner of the case was changed. • ownerAccepted—A user took ownership of a case from a queue. • ownerEscalated—The owner of the case was changed due to case escalation. • external—A user made the case visible to customers in the Customer Self-Service Portal.
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
NewValue	<p>Type anyType</p> <p>Properties Nillable, Sort</p>

Field	Details
	Description New value of the modified case field. Maximum of 255 characters.
OldValue	Type anyType Properties Nillable, Sort Description Previous value of the modified case field. Maximum of 255 characters.

Usage

Case history entries are indirectly created each time a case is modified.

Two rows are added to this record when foreign key fields change. One row contains the foreign key object names that display in the online application. For example, Jane Doe is recorded as the name of a Contact. The other row contains the actual foreign key ID that is only returned to and visible from the API.

This object respects field level security on the parent object.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

CaseHistory2

Represents historical information about owner and status changes that have been made to the associated Case. This object is available in API version 59.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

This object is always read-only.

Fields

Field	Details
CaseId	Type reference

Field	Details
	<p>Properties Filter, Group, Sort</p> <p>Description The ID of the Case associated with this record. This is a relationship field.</p> <p>Relationship Name Case</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
OwnerId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the contact who owns the case. This field is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
PreviousUpdate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the case was last updated.</p>

Field	Details
Status	Type string Properties Filter, Group, Nillable, Sort Description The status of the case, such as <code>New</code> , <code>Closed</code> , or <code>Escalated</code> .

Usage

CaseHistory2 entries are intended for case history reports.

CaseMilestone

Represents a milestone (required step in a customer support process) on a Case. This object is available in API version 18.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`

Fields

Field	Details
BusinessHoursId	Type reference Properties Filter, Group, Nillable, Sort Description ID of the BusinessHours associated with the CaseMilestone.
CaseId	Type reference Properties Filter Description ID of the case.
CompletionDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Update Description The date and time the milestone was completed.
ElapsedTimeInDays	Type double Properties Filter, Nillable Description The time required to complete a milestone in days.
ElapsedTimeInHrs	Type double Properties Filter, Nillable Description The time required to complete a milestone in hours.
ElapsedTimeInMins	Type int Properties Filter, Nillable Description The time required to complete a milestone in minutes.
IsCompleted	Type boolean Properties Defaulted on create, Filter Description Indicates whether the milestone is completed (<code>true</code>) or not (<code>false</code>).
IsViolated	Type boolean Properties Defaulted on create, Filter Description Indicates whether the milestone is violated (<code>true</code>) or not (<code>false</code>).
MilestoneTypeId	Type reference

Field	Details
	Properties Filter, Nillable Description The ID of the milestone on the case.
StartDate	Type dateTime Properties Filter, Nillable, Update Description The date and time the milestone started on the case.
TargetDate	Type dateTime Properties Filter Description The date and time the milestone must be completed.
TargetResponseInDays	Type double Properties Filter, Nillable, Sort Description The time to complete the milestone in days.
TargetResponseInHrs	Type double Properties Filter, Nillable, Sort Description The time to complete the milestone in hours.
TargetResponseInMins	Type int Properties Filter, Group, Nillable, Sort Description The time to complete the milestone in minutes.
TimeRemainingInDays	Type double

Field	Details
	Properties Group, Nillable, Sort Description Time remaining to reach the milestone target, measured in days.
TimeRemainingInHrs	Type text Properties Nillable Description Time remaining to reach the milestone target, measured in hours.
TimeRemainingInMins	Type text Properties Group, Nillable, Sort Description Time remaining to reach the milestone target. The format is minutes and seconds.
TimeSinceTargetInDays	Type double Properties Nillable, Sort Description The time elapsed since the milestone target, measured in days.
TimeSinceTargetInHrs	Type string Properties Group, Nillable, Sort Description The time elapsed since the milestone target, measured in hours.
TimeSinceTargetInMins	Type string Properties Group, Nillable, Sort Description The time elapsed since the milestone target. The format is minutes and seconds.

Usage


This object lets you view a milestone on a case. It also lets you view if the milestone was completed and when it must be completed.

SEE ALSO:

- [Case](#)
- [MilestoneType](#)
- [SlaProcess](#)

CaseOwnerSharingRule

Represents the rules for sharing a case with users other than the owner.

 **Note:** To enable access to this object for your org, contact Salesforce customer support. However, we recommend that you instead use Metadata API to programmatically update owner sharing rules because it triggers automatic sharing rule recalculation. The [SharingRules](#) Metadata API type is enabled for all orgs.

Supported Calls


`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
CaseAccessLevel	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>A value that represents the type of sharing being allowed. The possible values are:</p> <ul style="list-style-type: none">• Read• Edit
Description	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>A description of the sharing rule. Maximum size is 1000 characters. This field is available in API version 29.0 and later.</p>
DeveloperName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Corresponds to Rule Name in the user interface.</p> <p>This field is available in API version 24.0 and later.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance may slow while Salesforce generates one for each record.</p>
GroupId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Sort</p> <p>Description</p> <p>The ID representing the source group. Cases owned by users in the source group trigger the rule to give access.</p>
Name	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Label of the sharing rule as it appears in the user interface. Limited to 80 characters. Corresponds to Label on the user interface.</p>
UserOrGroupId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Sort</p>

Field	Details
	Description The ID representing the target user or group. Target users or groups are given access.

Usage

Use this object to manage the sharing rules for cases. General sharing and territory management-related sharing use this object.

SEE ALSO:

[Case](#)

[CaseShare](#)

[Metadata API Developer Guide: SharingRules](#)

CaseParticipant

Represents a junction between a case, and an account or a contact. This object stores the details of the participant associated with a case. This participant could be the applicant, co-applicant, a household, or even a business account. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

Fields and values added in API version 58.0 are available if the add-on license for Financial Services Cloud is enabled.

Fields

Field	Details
AuthorizationProof	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description How the participant communicated their consent. This field is available in API version 58.0 and later. Possible values are: <ul style="list-style-type: none">Email Consent

Field	Details
	<ul style="list-style-type: none">• Joint Ownership• Power of Attorney• Verbal Consent
CaseId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The case associated with the case participant record. This field is a relationship field.</p> <p>Relationship Name Case</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, possibly the user only accessed this record or list view (<code>LastReferencedDate</code>) but didn't view it.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The name of the case participant record.</p>

Field	Details
ParticipantId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The participant associated with the case participant record. This field is a polymorphic relationship field.</p> <p>Relationship Name Participant</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Contact</p>
PreferredCallTimeFrom	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The start of the preferred time window for contacting the participant. This field is available in API version 58.0 and later.</p>
PreferredCallTimeTo	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The end of the preferred time window for contacting the participant. This field is available in API version 58.0 and later.</p>
PreferredCommunicationMode	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description How the participant prefers to receive messages. This field is available in API version 58.0 and later. Possible values are:</p> <ul style="list-style-type: none"> Email Phone SMS

Field	Details
Role	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The role of the case participant. Possible values are:</p> <ul style="list-style-type: none"> • Applicant • Complainant Representative (Available in API version 58.0 and later.) • Inspection Officer • Lawyer • Observer • Perpetrator • Primary Caretaker • Victim <p>The default value is Applicant.</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The status of the case participant. Possible values are:</p> <ul style="list-style-type: none"> • Active • Inactive • In Review (Available in API version 58.0 and later.) • Pending (Available in API version 58.0 and later.) • Submitted (Available in API version 58.0 and later.)

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CaseParticipantFeed](#) on page 39

Feed tracking is available for the object.

[CaseParticipantHistory](#) on page 47

History is available for tracked fields of the object.

CaseRelatedIssue

This object acts as a junction between a customer issue (Case) and the Incident or Problem that represents an associated service failure. This object is available in API version 53.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CaseId	Type reference Properties Create, Filter, Group, Sort Description A relationship field that represents the case you're linking a Problem or Incident to. Relationship Name Case Relationship Type Lookup Refers To Case
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description A brief description of the related case.
RelatedEntityType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description Shows what type of object the related entity is. Possible values are: <ul style="list-style-type: none">IncidentProblem

Field	Details
RelatedIssueId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description A polymorphic relationship field that represents a related Problem or Incident.</p> <p>Relationship Name RelatedIssue</p> <p>Relationship Type Lookup</p> <p>Refers To Incident, Problem</p>
RelationshipType	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Shows how two records relate to each other. Possible values are:</p> <ul style="list-style-type: none"> • Root Cause • Similar <p>The default value is 'Root Cause'.</p>
UniqueKeyIndex	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description This field is unique within your organization.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CaseRelatedIssueChangeEvent](#) on page 52 (API version 59.0)

Change events are available for the object.

[CaseRelatedIssueFeed](#) on page 39

Feed tracking is available for the object.

CaseRelatedIssueHistory on page 47

History is available for tracked fields of the object.

CaseShare

Represents a sharing entry on a Case.

You can only create, edit, and delete sharing entries for standard objects whose `RowCause` field is set to `Manual`. Sharing entries for standard objects with different `RowCause` values are created as a result of your Salesforce org's sharing configuration and are read-only. For some sharing mechanisms, such as sharing sets, sharing entries aren't stored at all.



Note: While Salesforce currently maintains read-only sharing entries for multiple sharing mechanisms, it's possible that we'll stop storing certain share records to improve performance. As a best practice, don't create customizations that rely on the availability of these sharing entries. Any changes to sharing behavior will be communicated before they occur.

Supported Calls

`describeObjects()`, `create()`, `delete()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only users with access to the Case object can access this object.

Fields

The properties available for some fields depend on the default organization-wide sharing settings. The properties listed are true for the default settings of such fields.

Field	Details
<code>CaseAccessLevel</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Level of access that the User or Group has to the Case. The possible values are:</p> <ul style="list-style-type: none"> • <code>Read</code> • <code>Edit</code> • <code>All</code> This value isn't valid for creating or deleting records. <p>This field must be set to an access level that is higher than the organization's default access level for cases.</p>
<code>CaseId</code>	<p>Type reference</p>

Field	Details
	<p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the Case associated with this sharing entry. This field can't be updated. This is a relationship field.</p> <p>Relationship Name Case</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
RowCause	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Reason that this sharing entry exists. If you're creating a sharing entry, the only permitted value is <code>Manual</code>. If no value is specified, the field defaults to <code>Manual</code>. All other <code>RowCause</code> values are read-only. After the sharing entry is created, this field can't be edited. Valid values include:</p> <ul style="list-style-type: none"> • <code>Manual</code>—The User or Group has access because a user with "All" access manually shared the Case with them. • <code>Owner</code>—The User is the owner of the Case. • <code>ImplicitChild</code>—The User or Group has access to the Case on the Account associated with this Case. After faster account sharing recalculation is enabled for your org, sharing entries with this value aren't returned in queries. Instead of storing implicit child shares, record access is determined dynamically. • <code>RelatedPortalUser</code>—The portal user is the contact on the Case. • <code>Rule</code>—The User or Group has access via a Case sharing rule. • <code>GuestRule</code>—The User or Group has access via a Case guest user sharing rule. • <code>Team</code>—The User or Group has team access.

Field	Details
	<ul style="list-style-type: none"> <code>LpuImplicit</code>—The User has access to records owned by high-volume Experience Cloud site users via a share group. <code>ARImplicit</code>—The User, who belongs to a partner or customer account, has access to the Case via an account relationship data sharing rule.
UserOrGroupId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the User or Group that has been given access to the Case. This field can't be updated. This is a polymorphic relationship field.</p> <p>Relationship Name UserOrGroup</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Usage

This object allows you to determine which users and groups can view and edit Case records owned by other users. If you attempt to create a record that matches an existing record, request updates any modified fields and returns the existing record.



Note: After faster account sharing recalculation is enabled for your org, we no longer store implicit share records between accounts and their child case records. Sharing entries that have a value of `ImplicitChild` in the `RowCause` field aren't returned when you query this object. Instead, the system dynamically determines whether users can access child case records when they try to access them. This change speeds up ownership and sharing recalculation for accounts.

For more information, see the [Faster Account Sharing Recalculation](#) knowledge article.

SEE ALSO:

[AccountShare](#)

[LeadShare](#)

[OpportunityShare](#)

CaseSolution

Represents the association between a Case and a Solution.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
CaseId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the Case associated with the Solution. This is a relationship field.</p> <p>Relationship Name Case</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
SolutionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the Solution associated with the case. This is a relationship field.</p> <p>Relationship Name Solution</p> <p>Relationship Type Lookup</p> <p>Refers To Solution</p>

Usage


You can't update this object via the API. If you attempt to create a record that matches an existing record, the request simply returns the existing record.

SEE ALSO:

- [CaseShare](#)
- [SolutionStatus](#)

CaseStatus

Represents the status of a Case, such as New, On Hold, or In Process.

 **Important:** Where possible, we changed noninclusive terms to align with our company value of Equality. Because changing terms in our code can break current implementations, we maintained this object's name.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
ApiName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, idLookup, Sort</p> <p>Description</p> <p>Uniquely identifies a picklist value so it can be retrieved without using an id or primary label.</p>
IsClosed	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Sort</p> <p>Description</p> <p>Indicates whether this case status value represents a closed Case (<code>true</code>) or not (<code>false</code>). Multiple case status values can represent a closed Case.</p>
IsDefault	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Sort</p>

Field	Details
	Description Indicates whether this is the default case status value (<code>true</code>) or not (<code>false</code>) in the picklist.
MasterLabel	Type string Properties Filter, Group, Nillable, Sort Description Label for this case status value. This display value is the internal label that does not get translated.
SortOrder	Type int Properties Filter, Group, Nillable, Sort Description Number used to sort this value in the case status picklist. These numbers are not guaranteed to be sequential, as some previous case status values might have been deleted.

Usage

This object represents a value in the case status picklist. The case status picklist provides additional information about the status of a Case, such as whether a given `Status` value represents an open or closed case. Query the `CaseStatus` object to retrieve the set of values in the case status picklist, and then use that information while processing Case records to determine more information about a given case. For example, the application could test whether a given case is open or closed based on its `Status` value and the value of the `IsClosed` property in the associated `CaseStatus` object.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)



CaseSubjectParticle

Represents the Social Business Rules custom format for the **Case Subject** field on cases created from inbound social posts. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name for the CaseSubjectParticle object.</p> <p>This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This field is automatically generated, but you can supply your own value if you create the record using the API.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance may slow while Salesforce generates one for each record.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
Index	<p>Type int</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. The order in which the custom Case Subject is generated, meaning if the social network is 0 and the social message is 1, then the subject generates as <code>Twitter Tweet</code>.</p>
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The language of the case subject field.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> ar—Arabic da—Danish de—German en_US—English es—Spanish es_MX—Spanish (Mexico)

Field	Details
	<ul style="list-style-type: none"> • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>iw</code>—Hebrew • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Label for the case subject field.</p>
TextField	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specifies inbound social content added to Case Subject in case records.</p>
Type	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Required. Specifies the custom Case Subject format from which inbound social content appears in case records. Possible values are:</p> <ul style="list-style-type: none"> • <code>ColonSeparator</code> • <code>Content—Message</code> • <code>HyphenSeparator</code>

Field	Details
	<ul style="list-style-type: none">• MessageType• PipeSeparator• ProvidedString• RealName• Sentiment• SocialHandle• SocialNetwork• Source

Usage

In the Salesforce UI, case subjects are brief descriptions of cases. They are what agents see on cases first. Social Business Rules specify the brief descriptions of cases created from social posts. Using CaseSubjectParticle objects you can build your own case subject format, where each object represents a social post's component. For example, combining CaseSubjectParticle objects with components for types MessageType, RealName, and SocialNetwork results in "Tweet Customer123 Twitter".

CaseTag

Associates a word or short phrase with a Case

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ItemId	Type reference Properties Create, Filter Description ID of the tagged item.
Name	Type string Properties Create, Filter

Field Name	Details
	Description Name of the tag. If this value does not already exist, a new TagDefinition is created and becomes the parent of this Tag object. Otherwise, a TagDefinition with the same name becomes the parent of this Tag object. Parent relationships are created automatically.
TagDefinitionId	Type reference Properties Filter Description ID of the parent TagDefinition object that owns the tag.
Type	Type picklist Properties Create, Filter, Restricted picklist Description Defines the visibility of a tag. Valid values: <ul style="list-style-type: none"> • Public—The tag can be viewed and manipulated by all users in an organization. • Personal—The tag can be viewed or manipulated only by a user with a matching OwnerId.

Usage

CaseTag stores the relationship between its parent TagDefinition and the Case being tagged. Tag objects act as metadata, allowing users to describe and organize their data.

When a tag is deleted, its parent TagDefinition will also be deleted if the name is not being used; otherwise, the parent remains. Deleting a TagDefinition sends it to the Recycle Bin, along with any associated tag entries.

CaseTeamMember

Represents a case team member, who works with a team of other users to help resolve a case.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Spring '20 and later, only users with read access to the Case object can access this object.

When accessing from Apex code, use the `WITH SECURITY_ENFORCED` clause to enable field-level and object-level security permissions checking for `SOQL SELECT` queries, including subqueries and cross-object relationships. To learn more, see [Filter SOQL Queries Using WITH SECURITY_ENFORCED](#).

Fields

Field	Details
MemberId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the user or contact who is a member on a case team. This is a polymorphic relationship field.</p> <p>Relationship Name Member</p> <p>Relationship Type Lookup</p> <p>Refers To Contact, User</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the case with which the case team member is associated. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
TeamRoleId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The ID of the case team role with which the case team member is associated.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>TeamRole</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CaseTeamRole</p>
TeamTemplateId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The ID of the predefined team with which the case team member is associated.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>TeamTemplate</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CaseTeamTemplate</p>
TeamTemplateMemberId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The ID of the team member included in a predefined case team.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>TeamTemplateMember</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CaseTeamTemplateMember</p>

CaseTeamRole

Represents a case team role. Every case team member has a role on a case, such as “Customer Contact” or “Case Manager.”

Supported Calls

`create()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Spring '20 and later, only users with read access to the Case object can access this object.

Fields

Field	Details
<code>AccessLevel</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description A value that represents the type of access granted to the target Group for cases. The possible values are:</p> <ul style="list-style-type: none">• None• Read• Edit
<code>Name</code>	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The name of the case team role.</p>
<code>PreferencesVisibleInCSP</code>	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Indicates whether or not the case team role is visible to Customer Portal users.</p>

CaseTeamTemplate

Represents a predefined case team, which is a group of users that helps resolve a case.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Spring '20 and later, only users with read access to the Case object can access this object.

Fields

Field	Details
Description	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description A text description of the predefined case team.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The name of the predefined case team.</p>

CaseTeamTemplateMember

Represents a member on a predefined case team, which is a group of users that helps resolve cases.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Spring '20 and later, only users with read access to the Case object can access this object.

Fields

Field	Details
MemberId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the user or contact who is a team member on a predefined case team.</p>
TeamRoleId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the predefined case team member's case team role.</p>
TeamTemplateId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the predefined case team's template.</p>

CaseTeamTemplateRecord

The CaseTeamTemplateRecord object is a linking object between the Case and CaseTeamTemplate objects. To assign a predefined case team to a case (customer inquiry), create a CaseTeamTemplateRecord record and point the `ParentId` to the case and the `TeamTemplateId` to the predefined case team.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

As of Spring '20 and later, only users with read access to the Case object can access this object.

Fields

Field	Details
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the case with which the case team template record is associated. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
TeamTemplateId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the predefined case team with which the case team template record is associated. This is a relationship field.</p> <p>Relationship Name TeamTemplate</p> <p>Relationship Type Lookup</p> <p>Refers To CaseTeamTemplate</p>

CategoryData

Represents a logical grouping of Solution records.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
CategoryId	Type reference Properties Create, Filter, Group, Sort, Update Description ID of the CategoryNode associated with the solution.
IsDeleted	Type boolean Properties Defaulted on create, Filter Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted .
RelatedSubjectId	Type reference Properties Create, Filter, Group, Sort, Update Description ID of the solution related to the category.

Usage

This object allows you to assign one or more categories to a Solution. It is an intermediate data table with two foreign keys that defines the relationship between a CategoryNode and a Solution record.

CategoryData has two foreign keys:

- The first foreign key, `CategoryId`, refers to the ID of a CategoryNode.
- The other foreign key, `RelatedSubjectId`, refers to a Solution ID.

This is a many-to-many relationship, so there can be multiple rows returned with a `CategoryId`. A Solution can be associated with multiple categories.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

CategoryNode

Represents a tree of Solution categories.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Customer Portal users can't access this object.
- Attempting to delete a CategoryNode that has children (referred by CategoryNode.Parent), or is referred to elsewhere, causes a failure.

Fields

Field	Details
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description Label for the category node.
ParentId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description ID of the parent of this node, if any.
SortOrder	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description Indicates the sort order of child CategoryNode objects.
SortStyle	Type picklist

Field	Details
	Properties Create, Filter, Group, Restricted picklist, Sort, Update
	Description Indicates whether the sort order is alphabetical or custom.

Usage

A `CategoryNode` defines a category of solutions. In the user interface, you can edit category definitions from Setup by entering *Solution Categories* in the `Quick Find` box, then selecting **Solution Categories**.

SEE ALSO:

[CategoryData](#)

[Solution](#)

CategoryNodeLocalization

When the Translation Workbench is enabled for your organization, the `CategoryNodeLocalization` object provides the translation of the label of a solution category.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Your organization must be using Professional, Enterprise, Developer, Unlimited, or Performance Edition and be enabled for the Translation Workbench.
- To view this object, you must have the “View Setup and Configuration” permission.

Fields

Field	Details
<code>CategoryNodeId</code>	Type reference
	Properties Create, Filter, Nillable
	Description The ID of the solution <code>CategoryNode</code> that is being translated.

Field	Details
LanguageLocaleKey	<p>Type picklist</p> <p>Properties Create, Filter, Nillable, Restricted picklist</p> <p>Description This field is available in API version 16.0 and earlier. It is the same as the <code>Language</code> field.</p>
Language	<p>Type picklist</p> <p>Properties Create, Filter, Nillable, Restricted picklist</p> <p>Description This field is available in API version 17.0 and later. The combined language and locale ISO code, which controls the language for labels displayed in an application. This picklist contains the following fully-supported languages:</p> <ul style="list-style-type: none"> Chinese (Simplified): <code>zh_CN</code> Chinese (Traditional): <code>zh_TW</code> Danish: <code>da</code> Dutch: <code>nl_NL</code> English: <code>en_US</code> Finnish: <code>fi</code> French: <code>fr</code> German: <code>de</code> Italian: <code>it</code> Japanese: <code>ja</code> Korean: <code>ko</code> Norwegian: <code>no</code> Portuguese (Brazil): <code>pt_BR</code> Russian: <code>ru</code> Spanish: <code>es</code> Spanish (Mexico): <code>es_MX</code> Spanish (Mexico) defaults to Spanish for customer-defined translations. Swedish: <code>sv</code> Thai: <code>th</code> The Salesforce user interface is fully translated to Thai, but Help is in English. <p>The following end-user only languages are available.</p> <ul style="list-style-type: none"> Arabic: <code>ar</code> Bulgarian: <code>bg</code>

Field	Details
	<ul style="list-style-type: none"> • Croatian: <code>hr</code> • Czech: <code>cs</code> • English (UK): <code>en_GB</code> • Greek: <code>el</code> • Hebrew: <code>iw</code> • Hungarian: <code>hu</code> • Indonesian: <code>in</code> • Polish: <code>pl</code> • Portuguese (European): <code>pt_PT</code> • Romanian: <code>ro</code> • Slovak: <code>sk</code> • Slovenian: <code>sl</code> • Turkish: <code>tr</code> • Ukrainian: <code>uk</code> • Vietnamese: <code>vi</code> <p>The following platform languages are available for organizations that use Salesforce exclusively as a platform.</p> <ul style="list-style-type: none"> • Albanian: <code>sq</code> • Afrikaans: <code>af</code> • Amharic: <code>am</code> • Arabic (Algeria): <code>ar_DZ</code> • Arabic (Bahrain): <code>ar_BH</code> • Arabic (Egypt): <code>ar_EG</code> • Arabic (Iraq): <code>ar_IQ</code> • Arabic (Jordan): <code>ar_JO</code> • Arabic (Kuwait): <code>ar_KW</code> • Arabic (Lebanon): <code>ar_LB</code> • Arabic (Libya): <code>ar_LY</code> • Arabic (Morocco): <code>ar_MA</code> • Arabic (Oman): <code>ar_OM</code> • Arabic (Qatar): <code>ar_QA</code> • Arabic (Saudi Arabia): <code>ar_SA</code> • Arabic (Sudan): <code>ar_SD</code> • Arabic (Syria): <code>ar_SY</code> • Arabic (Tunisia): <code>ar_TN</code> • Arabic (United Arab Emirates): <code>ar_AE</code> • Arabic (Yemen): <code>ar_YE</code> • Armenian: <code>hy</code>

Field**Details**

-
- Basque: eu
 - Bosnian: bs
 - Bengali: bn
 - Burmese: my
 - Catalan: ca
 - Chinese (Hong Kong): zh_HK
 - Chinese (Singapore): zh_SG
 - Chinese (Malaysia): zh_MY
 - Dutch (Belgium): nl_BE
 - English (Australia): en_AU
 - English (Belgium): en_BE
 - English (Canada): en_CA
 - English (Cyprus): en_CY
 - English (Germany): en_DE
 - English (Hong Kong): en_HK
 - English (India): en_IN
 - English (Ireland): en_IE
 - English (Israel): en_IL
 - English (Malaysia): en_MY
 - English (Malta): en_MT
 - English (Netherlands): en_NL
 - English (New Zealand): en_NZ
 - English (Philippines): en_PH
 - English (Singapore): en_SG
 - English (South Africa): en_ZA
 - English (United Arab Emirates): en_AE
 - Estonian: et
 - Farsi: fa
 - French (Belgium): fr_BE
 - French (Canada): fr_CA
 - French (Luxembourg): fr_LU
 - French (Morocco): fr_MA
 - French (Switzerland): fr_CH
 - Georgian: ka
 - German (Austria): de_AT
 - German (Belgium): de_BE
 - German (Luxembourg): de_LU
 - German (Switzerland): de_CH
-

Field**Details**

- Greek (Cyprus): `e1_CY`
- Greenlandic: `k1`
- Gujarati: `gu`
- Hawaiian: `haw`
- Haitian Creole: `ht`
- Hindi: `hi`
- Hmong: `hmn`
- Icelandic: `is`
- Irish: `ga`
- Italian (Switzerland): `it_CH`
- Kannada: `kn`
- Kazakh: `kk`
- Khmer: `km`
- Latvian: `lv`
- Lithuanian: `lt`
- Luxembourgish: `lb`
- Macedonian: `mk`
- Malay: `ms`
- Malayalam: `ml`
- Maltese: `mt`
- Marathi: `mr`
- Montenegrin: `sh_ME`
- Punjabi: `pa`
- Romanian (Moldova): `ro_MD`
- Romansh: `rm`
- Russian (Armenia): `ru_AM`
- Russian (Belarus): `ru_BY`
- Russian (Kazakhstan): `ru_KZ`
- Russian (Kyrgyzstan): `ru_KG`
- Russian (Lithuania): `ru_LT`
- Russian (Moldova): `ru_MD`
- Russian (Poland): `ru_PL`
- Russian (Ukraine): `ru-UA`
- Samoan: `sm`
- Serbian (Cyrillic): `sr`
- Serbian (Latin): `sh`
- Spanish (Argentina): `es_AR`
- Spanish (Bolivia): `es_BO`

Field	Details
	<ul style="list-style-type: none"> Spanish (Chile): <code>es_CL</code> Spanish (Colombia): <code>es_CO</code> Spanish (Costa Rica): <code>es_CR</code> Spanish (Dominican Republic): <code>es_DO</code> Spanish (Ecuador): <code>es_EC</code> Spanish (El Salvador): <code>es_SV</code> Spanish (Guatemala): <code>es_GT</code> Spanish (Honduras): <code>es_HN</code> Spanish (Nicaragua): <code>es_NI</code> Spanish (Panama): <code>es_PA</code> Spanish (Paraguay): <code>es_PY</code> Spanish (Peru): <code>es_PE</code> Spanish (Puerto Rico): <code>es_PR</code> Spanish (United States): <code>es_US</code> Spanish (Uruguay): <code>es_UY</code> Spanish (Venezuela): <code>es_VE</code> Swahili: <code>sw</code> Tagalog: <code>tl</code> Tamil: <code>ta</code> Te reo: <code>mi</code> Telugu: <code>te</code> Urdu: <code>ur</code> Welsh: <code>cy</code> Xhosa: <code>xh</code> Yiddish: <code>ji</code> Zulu: <code>zu</code> <p>The values in this field are not related to the default locale selection.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Nillable</p> <p>Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p> <p>The namespace prefix can have one of the following values.</p>

Field	Details
	<ul style="list-style-type: none"> In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.
Value	<p>Type string</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The actual translated label for the solution category. Label is Translation.</p>

Usage

Use this object to translate the labels of your solution categories into a supported language. Users with the Translation Workbench enabled can view category node translations, but either the "Customize Application," "Manage Translation," or "Manage Categories" permission is required to create or update category node translations.

SEE ALSO:

[ScontrolLocalization](#)

[WebLinkLocalization](#)

ChangeRequest

Represents a decision to implement a formal request for a change (RFC). This object is available in API version 53.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>BusinessJustification</code>	<p>Type textarea</p>

Field	Details
	<p>Properties Create, Nillable, Update</p> <p>Description A description of the business reason to implement the change. This field can store up to 32 KB of data, but only the first 255 characters display in reports.</p>
BusinessReason	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The core reason for creating the change request. Possible values are:</p> <ul style="list-style-type: none"> t2
Category	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The type of change request. Administrators set field values.</p>
ChangeRequestNumber	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The unique, system-generated change request number.</p>
ChangeType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The type of change request. Administrators set field values. Possible values are:</p> <ul style="list-style-type: none"> Emergency Major Normal Standard

Field	Details
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description A description of the change request. This field can store up to 32 KB of data, but only the first 255 characters display in reports.</p>
EstimatedEndTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The date and time (in UTC) when the change request is estimated to be implemented.</p>
EstimatedStartTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The estimated date and time (in UTC) when the change request is implemented.</p>
FinalReviewDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The date and time (in UTC) when the change request was reviewed.</p>
FinalReviewNotes	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Notes left by the change request reviewer. This field can store up to 32 KB of data, but only the first 255 characters display in reports.</p>
Impact	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field	Details
	<p>Description</p> <p>Shows the impact of a requested change.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • High • Low • Medium <p>The default value is 'High'.</p>
LastReferencedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (LastReferencedDate) but not viewed it.</p>
OwnerId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>A polymorphic relationship field that represents the user or group assigned as the change reviewer.</p> <p>Relationship Name</p> <p>Owner</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>Group, User</p>
Priority	<p>Type</p> <p>picklist</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The impact and urgency of a requested change. Possible values are:</p> <ul style="list-style-type: none"> • Critical • High • Low • Moderate <p>The default value is 'Critical'.</p>
RemediationPlan	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description A description of the steps required to resolve the incident. This field can store up to 32 KB of data, but only the first 255 characters display in reports.</p>
ReviewerId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the user who reviewed the change request. This is a relationship field.</p> <p>Relationship Name Reviewer</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
RiskImpactAnalysis	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description An assessment of the risk involved with the implementation of the change request. Administrators set field values, and each value can have up to 20 characters.</p>

Field	Details
RiskLevel	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The risk level associated with adopting the requested change. Possible values are:</p> <ul style="list-style-type: none">• High• Low• Medium <p>The default value is 'High'.</p>
Status	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Represents any custom or granular stages a customer may want to track. This will be a dependent picklist. Possible values are:</p> <ul style="list-style-type: none">• Approved• Canceled• Closed• Implementing• New• Open• Planning• Rejected• Reviewed• Scheduled <p>The default value is 'New'.</p>
StatusCode	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The status of the change. Possible values are:</p>

Field	Details
	<ul style="list-style-type: none"> • Approved • Canceled • Closed • Implementing • New • Open • Planning • Rejected • Reviewed • Scheduled <p>The default value is 'New'.</p>
Subject	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description A brief description of the requested change.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ChangeRequestChangeEvent](#) on page 52 (API version 59.0)

Change events are available for the object.

[ChangeRequestFeed](#) on page 39

Feed tracking is available for the object.

[ChangeRequestHistory](#) on page 47

History is available for tracked fields of the object.

[ChangeRequestOwnerSharingRule](#) on page 48

Sharing rules are available for the object.

[ChangeRequestShare](#) on page 50

Sharing is available for the object.

ChangeRequestRelatedIssue

Represents a junction object that relates a ChangeRequest to an Incident or Problem due to a service failure. This object is available in API version 53.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ChangeRequestId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ChangeRequest ID that's linked to the Problem or Incident.</p> <p>Relationship Name ChangeRequest</p> <p>Relationship Type Lookup</p> <p>Refers To ChangeRequest</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description A description of the change request as it relates to the problem or incident.</p>
RelatedEntityType	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The name of the related object type. Possible values are:</p> <ul style="list-style-type: none"> Incident Problem
RelatedIssueId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p>

Field	Details
	<p>Description A polymorphic relationship field that represents the related Problem or Incident.</p> <p>Relationship Name RelatedIssue</p> <p>Relationship Type Lookup</p> <p>Refers To Incident, Problem</p>
RelationshipType	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Shows how the ChangeRequest and Incident or Problem records relate to each other. Possible values are:</p> <ul style="list-style-type: none"> • Caused By • Fixed By <p>The default value is 'Caused By'.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ChangeRequestRelatedIssueChangeEvent](#) on page 52

Change events are available for the object.

[ChangeRequestRelatedIssueFeed](#) on page 39

Feed tracking is available for the object.

[ChangeRequestRelatedIssueHistory](#) on page 47

History is available for tracked fields of the object.

ChangeRequestRelatedItem

Represents a junction object that relates a ChangeRequest to an Asset. This object is available in API version 53.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AssetId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The Asset ID that's linked to the ChangeRequest. This field is a relationship field.</p> <p>Relationship Name Asset</p> <p>Relationship Type Lookup</p> <p>Refers To Asset</p>
ChangeRequestId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ChangeRequest ID that's linked to the Asset. This field is a relationship field.</p> <p>Relationship Name ChangeRequest</p> <p>Relationship Type Lookup</p> <p>Refers To ChangeRequest</p>
Comment	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description A description of the change request as it relates to the item.</p>
ImpactLevel	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The related item's impact on the change request.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • High • Low • Medium <p>The default value is High.</p>
Name	<p>Type</p> <p>string</p> <p>Properties</p> <p>Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description</p> <p>The auto-generated ID of the item that's related to the change request.</p>
RelationshipType	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Shows how the ChangeRequest and Asset records relate to each other.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Broke Item • Fixed Item <p>The default value is Broke Item.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ChangeRequestRelatedItemChangeEvent](#) on page 52

Change events are available for the object.

[ChangeRequestRelatedItemFeed](#) on page 39

Feed tracking is available for the object.

[ChangeRequestRelatedItemHistory](#) on page 47

History is available for tracked fields of the object.

ChannelObjectLinkingRule



Represents a rule for linking a channel interaction with an object (such as Lead or Contact). This object is available in API version 47.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
ActionForNoRecordFound	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Action to take when no matching records are found. Possible values are:</p> <ul style="list-style-type: none"> CreateNewRecordAndLink—Create Record and Link (Recommended) PromptAgent—Prompt Agent
ActionForSingleRecordFound	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Action to take when one matching record is found. Possible values are:</p> <ul style="list-style-type: none"> AutoLink—Auto-Link Record (Recommended) PromptAgent—Prompt Agent
ChannelType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The type of channel used for this rule. Possible values are:</p> <ul style="list-style-type: none"> FacebookMessenger Phone

Field	Details
	<ul style="list-style-type: none"> • Text • WeChat • WhatsApp
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The description for this linking rule.</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization.</p> <p> Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
IsLinkedRecordOpenedAsSubTab	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether to open the linked record as a subtab when the link is established.</p>
IsRuleActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the rule is active.</p>

Field	Details
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The language for this linking rule. Possible values are:</p> <ul style="list-style-type: none"> • <code>ar</code>—Arabic • <code>bg</code>—Bulgarian • <code>cs</code>—Czech • <code>da</code>—Danish • <code>de</code>—German • <code>el</code>—Greek • <code>en_GB</code>—English (UK) • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>hr</code>—Croatian • <code>hu</code>—Hungarian • <code>in</code>—Indonesian • <code>it</code>—Italian • <code>iw</code>—Hebrew • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pl</code>—Polish • <code>pt_BR</code>—Portuguese (Brazil) • <code>pt_PT</code>—Portuguese (European) • <code>ro</code>—Romanian • <code>ru</code>—Russian • <code>sk</code>—Slovak • <code>sl</code>—Slovene • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>tr</code>—Turkish

Field	Details
	<ul style="list-style-type: none"> • <code>uk</code>—Ukrainian • <code>vi</code>—Vietnamese • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
<code>MasterLabel</code>	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique label name for this rule.</p>
<code>ObjectToLink</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The type of object to link to the channel interaction. Possible values are:</p> <ul style="list-style-type: none"> • <code>Contact</code>
<code>RuleName</code>	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Name of the rule as it appears in the UI. Maximum length is 80 characters.</p>

ChannelProgram

Represents a channel program that vendors use to market and sell their products through channel partners. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Fields

Field Name	Details
Category	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Category of the channel program. Categories group channel programs by type. For example, a reseller category would include all the different regional reseller channel programs.</p>
Description	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the channel program.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the channel program is active. New channel programs are inactive by default.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>

Field Name	Details
Name	Type string Properties Create, Filter, Group, Sort, Update Description Name of the channel program.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description ID of the owner of the channel program.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[ChannelProgramFeed](#)

Feed tracking is available for the object.

[ChannelProgramHistory](#)

History is available for tracked fields of the object.

[ChannelProgramOwnerSharingRule](#)

Sharing rules are available for the object.

[ChannelProgramShare](#)

Sharing is available for the object.

ChannelProgramLevel

Represents a level, based on member experience, in a channel program. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field Name	Details
Description	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the channel program level.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (LastReferencedDate) but not viewed it.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Name of the channel program level.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Required. ID of the user who is the owner of the record.</p>
ProgramId	<p>Type reference</p>

Field Name	Details
	Properties Create, Filter, Group, Sort Description ID of the channel program.
Rank	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description An integer associated with the level. For example, 1 represents the lowest level, 2 the next level up, etc.
RecordTypeId	Type reference Properties Create, Filter, Nillable, Update Description ID of the record type assigned to this object.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[ChannelProgramLevelFeed](#)

Feed tracking is available for the object.

[ChannelProgramLevelHistory](#)

History is available for tracked fields of the object.

[ChannelProgramLevelOwnerSharingRule](#)

Sharing rules are available for the object.

[ChannelProgramLevelShare](#) (API version 43.0)

Sharing is available for the object.

ChannelProgramMember

Represents a partner who is a member of a channel program. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field Name	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Most recent date referenced. This field is available in API version 45.0 and later.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Most recent date viewed. This field is available in API version 45.0 and later.</p>
LevelId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the channel program level.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description Name of the channel program member.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Required. ID of the user who is the owner of the record.</p>
PartnerId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p>

Field Name	Details
	Description ID of the partner.
ProgramId	Type reference Properties Create, Filter, Group, Sort Description ID of the channel program.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[ChannelProgramMemberFeed](#) (API version 46.0)

Feed tracking is available for the object.

[ChannelProgramMemberHistory](#) (API version 46.0)

History is available for tracked fields of the object.

[ChannelProgramMemberOwnerSharingRule](#)

Sharing rules are available for the object.

[ChannelProgramMemberShare](#) (API version 43.0)

Sharing is available for the object.

ChatterActivity

ChatterActivity represents the number of posts and comments made by a user and the number of comments and likes on posts and comments received by the same user. This object is available in API version 23.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field Name	Details
CommentCount	Type int Properties Filter, Group, Sort

Field Name	Details
	Description The number of FeedComments made by the ParentId.
CommentReceivedCount	Type int Properties Filter, Group, Sort Description The number of FeedComments received by the ParentId.
InfluenceRawRank	Type int Properties Filter, Group, Sort Description Number indicating the ParentId's Chatter influence rank, which is calculated based on the ParentId's ChatterActivity statistics, relative to the other users in the organization. This field is available in API version 26.0 and later.
LikeReceivedCount	Type int Properties Filter, Group, Sort Description The number of FeedLikes received by the ParentId.
NetworkId	Type reference Properties Filter, Group, Nillable, Sort Description ID of the Experience Cloud site to which the ChatterActivity belongs. This field is available only if digital experiences is enabled in your org. This field is available in API version 26.0 and later.
ParentId	Type reference Properties Filter, Group, Nillable, Sort Description ID of the object type to which the ChatterActivity is related. In API version 60.0, the ParentId must be a UserId or SelfServiceUser ID.

Field Name	Details
PostCount	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>The number of FeedItems made by the ParentId.</p>

Usage

- Use this object to reference the Chatter activity statistics, which include the number of posts and comments made by a user and the number of comments and likes on posts and comments received by the same user.
- You can directly query for ChatterActivity.

```
SELECT Id, PostCount, LikeReceivedCount
FROM ChatterActivity
WHERE ParentId = UserId
```



Note: To query ChatterActivity, you must provide the `ParentId`. In API version 60.0, the `ParentId` must be a `UserId` or `SelfServiceUser` ID.

- A ChatterActivity record is created for users the first time they post or comment. Users who have never posted or commented don't have ChatterActivity records. If users make only one post and then delete it, they do have ChatterActivity records. In both cases, the user interface displays zeros for their Chatter activity.
- Use the `InfluenceRawRank` field to reference a user's Chatter influence rank. This field is available in API version 26.0 and later.

SEE ALSO:

[FeedItem](#)

[FeedComment](#)

[FeedLike](#)

ChatterAnswersActivity

Represents the reputation of a User in Chatter Answers zones. This object is available in API version 25.0 and later.

Supported Calls

`describeObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
BestAnswerReceivedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of best answers the User has received from other users.</p>
BestAnswerSelectedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of best answers the User has selected.</p>
QuestionsCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of Question records posted by the User.</p>
QuestionSubscrCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of Question records the User has selected to follow.</p>
QuestionSubscrReceivedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of users following Question records posted by the User.</p>
QuestionUpVotesCount	<p>Type int</p>

Field Name	Details
	Properties Filter, Group, Nillable, Sort Description The number of up votes the User has marked on Question records posted by other users.
QuestionUpVotesReceivedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of up votes the User has received from other users on the Question records he or she has posted.
RepliesCount	Type int Properties Filter, Group, Nillable, Sort Description The number of Reply records posted by the User.
ReplyDownVotesCount	Type int Properties Filter, Group, Nillable, Sort Description The number of down votes the User has marked on Reply records posted by other users.
ReplyDownVotesReceivedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of down votes the User has received from other users on the Reply records he or she has posted.
ReplyUpVotesCount	Type int Properties Filter, Group, Nillable, Sort

Field Name	Details
	Description The number of up votes the User has marked on the Reply records posted by other users.
ReplyUpVotesReceivedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of up votes the User has received from other users on the Reply records he or she has posted.
ReportAbuseOnQuestionsCount	Type int Properties Filter, Group, Nillable, Sort Description The number of abuses that the User has reported on Question records posted by other users.
ReportAbuseOnRepliesCount	Type int Properties Filter, Group, Nillable, Sort Description The number of abuses that the User has reported on Reply records posted by other users.
ReportAbuseReceivedOnQnCount	Type int Properties Filter, Group, Nillable, Sort Description The number of abuses reported by other users on the Question records posted by the User.
ReportAbuseReceivedOnReCount	Type int Properties Filter, Group, Nillable, Sort

Field Name	Details
	Description the number of abuses reported by other users on the Reply records posted by the User.
UserId	Type reference Properties Filter, Group, Nillable, Sort Description The User ID associated with this reputation.
CommunityId	Type reference Properties Filter, Group, Nillable, Sort Description The ID for the zone associated with this reputation.

Usage

Use this object to view metrics on User activity in Chatter Answers. For example, you can use the ChatterAnswersActivity object to view the number of Question records a user is following in Chatter Answers zones.

SEE ALSO:

[Question](#)

[Reply](#)

[User](#)

ChatterAnswersReputationLevel

Represents a reputation level within a Chatter Answers zone. This object is available in API version 26.0 and later.



Note: With the Spring '18 release, Salesforce no longer supports Chatter Answers. Users of Chatter Answers can post, answer, comment, or view existing Chatter Answers data, but support and updates are scheduled to end. We recommend transitioning to Chatter Questions. For more information, see [End of Support for Chatter Answers in Spring '18](#).

Supported Calls

`create()`, `delete()`, `query()`, `retrieve()`, `update()`

Fields

Field	Details
CommunityID	Type reference Properties Create, Filter, Group, Sort Description ID of the zone for which you're creating the reputation level.
Name	Type string Properties Create, Filter, Group, Sort, Update Description Name of the reputation level.
Value	Type int Properties Create, Filter, Group, Sort, Update Description Minimum number of points for this level.

Usage

Use to create or edit reputation levels for the zone.

ChatterConversation

Represents a private conversation in Chatter, consisting of messages that conversation members have sent or received. This object is available in API version 23.0 and later.

Supported Calls

`describeObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
Id	Type ID Properties Defaulted on create, Filter, Group, Sort Description ID of the conversation.

Usage

Use this object to identify private conversations in Chatter. Users can access this object if they have the Manage Chatter Messages and Direct Messages permission. This object is read-only via the API and is provided only to allow administrators to view users' Chatter messages; for example, for compliance purposes.

SEE ALSO:

[ChatterConversationMember](#)

[ChatterMessage](#)

ChatterConversationMember

Represents a member of a private conversation in Chatter. A member has either sent messages to or received messages from other conversation participants. This object is available in API version 23.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ConversationId	Type reference Properties Filter, Group, Sort Description ID of the associated ChatterConversation.
MemberId	Type reference

Field Name	Details
	Properties Filter, Group, Sort
	Description ID of the conversation member.

Usage

Use this object to view members of private conversations in Chatter. Users can access this object if they have the Manage Chatter Messages and Direct Messages permission. This object is read-only via the API and is provided only to allow administrators to view users' Chatter messages; for example, for compliance purposes.

SEE ALSO:
[ChatterConversation](#)
[ChatterMessage](#)

ChatterExtension


Represents a Rich Publisher App that's integrated with the Chatter publisher. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CompositionComponentEnumOrId	Type picklist
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description The ID of the composition component for the Rich Publisher App. This field requires a value.
Description	Type string
	Properties Create, Filter, Group, Sort, Update
	Description The description of your custom Rich Publisher App. This field requires a value.

Field	Details
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The name of the developer who is responsible for the app.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
ExtensionName	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The name of your extension. This field requires a value.</p>
HeaderText	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The text to show in the header of your app composer. Header text is required for Lightning type extensions.</p>
HoverText	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The text to show when a user mouses over your extension's icon. Mouse-over text is required for Lightning type extensions.</p>
IconId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The icon to show in the Chatter publisher. Use an existing file asset ID from your org. This field requires a value. This is a relationship field.</p>

Field	Details
	Relationship Name Icon Relationship Type Lookup Refers To ContentAsset
IsProtected	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description An auto-generated value. It currently has no impact.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language used for this instance of the <code>ChatterExtension</code> . This field requires a value.
MasterLabel	Type string Properties Create, Filter, Group, Sort, Update Description The master label for the <code>ChatterExtension</code> object. This field requires a value.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description The prefix to use for the extension's namespace.
RenderComponentEnumOrId	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field	Details
	<p>Description</p> <p>The rendering component of the Rich Publisher App that you provide. It's comprised of the <code>lightning:availableForChatterExtensionRenderer</code> interface. This field requires a value.</p>
Type	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Describes the type of the extension. Currently, the only value supported is <i>Lightning</i>. Included to allow for other possible types in the future.</p>

ChatterExtensionConfig

Configuration for the Chatter extension for Experience Cloud sites. This object is available in API version 41.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CanCreate	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Determines whether the <code>ChatterExtension</code> can create an instance that appears by rendering.</p>
CanRead	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Determines whether the <code>ChatterExtension</code> can be viewed.</p>

Field	Details
ChatterExtensionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the <code>ChatterExtension</code>. This is a relationship field.</p> <p>Relationship Name ChatterExtension</p> <p>Relationship Type Lookup</p> <p>Refers To ChatterExtension</p>
NetworkId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the Experience Cloud site where the <code>ChatterExtension</code> is deployed.</p>
Position	<p>Type int</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update</p> <p>Description The position of the <code>ChatterExtension</code> icon in the Chatter publisher.</p>

ChatterMessage

Represents a message sent as part of a private conversation in Chatter. This object is available in API version 23.0 and later.

Supported Calls

`delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`

Fields

Field Name	Details
Body	<p>Type textarea</p> <p>Properties Update</p> <p>Description Text of the message.</p>
ConversationId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the conversation that the message is associated with.</p>
SenderId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the sender.</p>
SenderNetworkId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the Experience Cloud site from which the message was sent. This field is available only if digital experiences is enabled in your org. This field is available in API version 32.0 and later.</p>
SentDate	<p>Type dateTime</p> <p>Properties Filter, Sort</p> <p>Description Date the message was sent.</p>

Usage

Use this object to view and delete messages sent or received via private conversations in Chatter. Users can access this object if they have the Manage Chatter Messages and Direct Messages permission. Users with the Moderate Experiences Chatter Messages permission can access this object in Experience Cloud sites they're a member of, only if the message has been flagged as inappropriate. This object is provided to allow administrators to view and delete users' Chatter messages, for example, for compliance purposes.

Messages are hard deleted. That is, they're removed completely without a trip to the Recycle Bin.

Deleting a message that resulted from sharing a file with someone doesn't also delete the file.

SEE ALSO:

[ChatterConversation](#)

[ChatterConversationMember](#)

ClientBrowser

Represents a cookie added to the browser upon login, and also includes information about the browser application where the cookie was inserted. This object is available in version 28.0 and later.

Supported Calls

`describeSObjects()`, `delete()`, `query()`, `retrieve()`

Fields

Field	Details
<code>FullUserAgent</code>	Type string Properties Filter, Nillable, Sort Description Detailed information about the client (browser). For example, <code>Mozilla/5.0 (Windows; U; Windows NT 5.1; en-US; rv:1.9.0.1) Gecko/2008070208 Firefox/3.0.1</code>
<code>LastUpdate</code>	Type dateTime Properties Filter, Nillable, Sort Description Represents the last time the cookie was changed.
<code>ProxyInfo</code>	Type string

Field	Details
	Properties Filter, Nillable, Sort Description The browser's current proxy information.
UserId	Type reference Properties Filter, Group, Sort Description The ID of the user associated with this item. This is a relationship field. Relationship Name Users Relationship Type Lookup Refers To User

Usage

At every login, the device the login request is from is checked against the known devices using ClientBrowser. A match means a cookie was found on the browser that matches an entry in the ClientBrowser table, so the device is known. No match means that no matching cookie was found, so the device is unknown, and the user is asked to confirm their identity.

CollaborationGroup

Represents a Chatter group. This object is available in API version 19.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

The visibility of information in groups depends on the type of group and the user's permissions.

- **Members:** Any user with the Create and Own New Chatter Groups permission can create public, private, and unlisted groups, including in any Experience Cloud sites they belong to.
- **Owners and managers:** Users can modify group details for any group they own or manage. Owners can also delete groups they own.

- **Nonmembers:** These user permissions allow group access regardless of group membership.
 - View All Data—Allows users to view all public and private groups across their org and its Experience Cloud sites. Users with this permission can't view unlisted group information, unless they have the Modify Unlisted Groups permission as well.
 - Modify All Data—Allows users to view, modify, and delete all public and private groups across their org and its Experience Cloud sites. Users with this permission can't view or modify unlisted group information, unless they have the Manage Unlisted Groups permission as well.
 - Create and Set Up Experiences—Allows users to view, modify, and delete all public and private groups in Experience Cloud sites.
 - Manage Unlisted Groups—Allows users to search for, access, and modify any unlisted group in an org and its Experience Cloud sites.
 - Data Export—Allows users to export any data from Salesforce, including private and unlisted group data from an org and its Experience Cloud sites.
- **Apex and Visualforce:** Apex code runs in system mode, which means that the permissions of the current user aren't taken into account.
 - Visualforce pages that display groups might expose unlisted or private group data to users who aren't members.
 - Because system mode disregards the user's permissions, all users who are accessing a Visualforce page that's showing a group can act as an owner of that group.
 - AppExchange apps that are written in Apex and that access all groups will expose unlisted groups to users who aren't members.

To limit and manage access to the unlisted and private groups in your org:

- Explicitly filter out unlisted and private group information from SOQL queries in all Apex code.
- Use permission sets, profile-level permissions, and sharing checks in your code to further limit group access.
- Use Apex triggers on the CollaborationGroup object to monitor and manage the creation of groups. In Setup, enter *Group Triggers* in the Quick Find box, then select **Group Triggers** to add triggers.

Fields

Field	Details
AnnouncementId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Contains the ID of the Announcement last associated with the group. This field is available in API version 30.0 and later. This is a relationship field.</p> <p>Relationship Name Announcement</p> <p>Relationship Type Lookup</p> <p>Refers To Announcement</p>

Field	Details
BannerPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The URL for the group's banner photo.</p> <p>The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo is not guaranteed to return a photo. Query this field for the URL of the most recent photo.</p> <p>This field is available in API version 36.0 and later.</p>
CanHaveGuests	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description If set to <code>true</code>, indicates that a group allows customers. Chatter customers are people outside your company's email domains. Customers can see only the groups they're invited to. They can interact only with members of those groups. Customers can't see any Salesforce information.</p> <p>This field is available starting in API version 23.0, but groups that allow customers are accessible from earlier API versions. However, when accessed from earlier API versions, groups that allow customers aren't distinguishable from private groups. We strongly recommend that you upgrade to the latest API version. If you must use an earlier version, name groups that allow customers to indicate that they include customers.</p>
CollaborationType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The type of Chatter group. Available values are:</p> <ul style="list-style-type: none"> • <code>Public</code>—Anyone can see and post updates. Anyone can join a public group. • <code>Private</code>—Only members can see the group feed and post updates. Non-members can only see the group name and a few other details in list views, search, and on the group page. The group's owner or managers must add members who request to join the group. • <code>Unlisted</code>—Only members and users with the Manage Unlisted Groups permission can see the group and post updates. Other users can't access the group or see it in lists, search, and feeds.

Field	Details
Description	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Description of the group.</p>
FullPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The URL for the group's profile photo.</p> <p>The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo is not guaranteed to return a photo. Query this field for the URL of the most recent photo.</p> <p>This field is available in API version 20.0 and later.</p>
GroupEmail	<p>Type email</p> <p>Properties Nillable, Sort</p> <p>Description The email address for posting to the group. For private groups, only visible to members and users with Modify All Data or View All Data permissions.</p> <p>This field is available in API version 29.0 and later.</p>
HasPrivateFieldsAccess	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If set to <code>true</code>, indicates that a user can see the <code>InformationBody</code> and <code>InformationTitle</code> fields in a private group. This field is set to <code>true</code> for members of a private group and users with Modify All Data or View All Data permissions.</p>
InformationBody	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p>

Field	Details
	<p>Description</p> <p>The text of the Information section. For private groups, only visible to members and users with Modify All Data or View All Data permissions.</p>
InformationTitle	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The title of the Information section. For private groups, only visible to members and users with Modify All Data or View All Data permissions.</p>
IsArchived	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the group is archived (<code>true</code>) or not (<code>false</code>).</p> <p>This field is available in API version 28.0 and later.</p>
IsAutoArchiveDisabled	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether automatic archiving is disabled for the group (<code>true</code>) or not (<code>false</code>).</p> <p>This field is available in API version 29.0 and later.</p>
IsBroadcast	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the group is a broadcast group (<code>true</code>) or not (<code>false</code>).</p> <p>This field is available in API version 36.0 and later.</p>
LastFeedModifiedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Sort</p>

Field	Details
	Description The date of the last post or comment on the group.
LastReferencedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.
MediumPhotoUrl	Type url Properties Filter, Nillable, Sort Description The URL for the larger, cropped photo size.
MemberCount	Type int Properties Filter, Group, Nillable, Sort Description The number of members in the group.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the group. Group names must be unique across public and private groups. Unlisted groups don't require unique names.
NetworkId	Type reference

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the Experience Cloud site that this group is part of. This field is available only if digital experiences is enabled in your org. You can only add a <code>NetworkId</code> when creating a group. You can't change or add a <code>NetworkId</code> for an existing group. This field is available in API version 26.0 and later.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the owner of the group. Only the current group owner or people with the Modify All Data permission can update the <code>OwnerId</code>. This is a relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
SmallPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The URL for a thumbnail of the group's profile photo. The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo is not guaranteed to return a photo. Query this field for the URL of the most recent photo. This field is available in API version 20.0 and later.</p>

Usage

Use this object to create, edit, or delete groups in an org or Experience Cloud site. Deleting a group permanently deletes all posts and comments to the group. It also deletes all files and links posted to the group and removes the files from other locations where they were shared.

As a Chatter group member, you can post to the group using the `CollaborationGroupFeed` object. As a Chatter group owner or manager, you can add or remove group members using the `CollaborationGroupMember` object, post announcements to the group using the

Announcement object, and accept or decline requests to join private groups using the CollaborationGroupMemberRequest object. Additionally, the group owner, manager, or your Salesforce system administrator can invite people to join the group using the [CollaborationInvitation](#) object.

The Salesforce system administrator doesn't need to be a member of the group in order to send invitations using the API.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[CollaborationGroupFeed](#)

Feed tracking is available for the object.

SEE ALSO:

[CollaborationGroupMember](#)

[CollaborationGroupMemberRequest](#)

CollaborationGroupMember


Represents a member of a Chatter group. This object is available in API version 19.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `describeLayout()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CollaborationGroupId	Type reference Properties Create, Filter, Group, Sort Description ID of the associated CollaborationGroup. This is a relationship field. Relationship Name CollaborationGroup Relationship Type Lookup Refers To CollaborationGroup

Field	Details
CollaborationRole	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The role of a group member. Group owners and managers can change roles for members of their groups. The valid values are:</p> <ul style="list-style-type: none"> • Standard—Indicates that a user is a group member. Members can post and comment in the group. • Admin—Indicates that a user is a group manager. Managers can post and comment, change member roles, edit group settings, add and remove members, delete posts and comments, and edit the group information field. <p> Note: To change the group owner, use the <code>OwnerId</code> field on the CollaborationGroup object.</p>
LastFeedAccessDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date and time when a group member last accessed the group's feed. The value is only updated when a member explicitly consumes the group's feed, not when the member sees group posts in other feeds, like the profile feed.</p>
MemberId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the group member. This is a relationship field.</p> <p>Relationship Name Member</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
NotificationFrequency	<p>Type picklist</p>

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description Required. The frequency at which Salesforce sends Chatter group email digests to this member. Can only be set by the member or users with the “Modify All Data” permission. The valid values are: <ul style="list-style-type: none"> • D—Daily • W—Weekly • N—Never • P—On every post The default value is specified by the member in their Chatter email settings. In communities, the <code>Email on every post</code> option is disabled once more than 10,000 members choose this setting for the group. All members who had this option selected are automatically switched to <code>Daily digests</code> .

Usage

Use this object to view, create, and delete Chatter group members. You must be a group owner or manager to create members for private Chatter groups.

SEE ALSO:

[CollaborationGroup](#)

[CollaborationGroupMemberRequest](#)

CollaborationGroupMemberRequest

Represents a request to join a private Chatter group. This object is available in API version 21.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CollaborationGroupId	Type reference
	Properties Create, Filter, Group, Sort

Field	Details
	<p>Description ID of the private Chatter group. This is a relationship field.</p> <p>Relationship Name CollaborationGroup</p> <p>Relationship Type Lookup</p> <p>Refers To CollaborationGroup</p>
RequesterId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the user requesting to join the group; must be the ID of the context user. This is a relationship field.</p> <p>Relationship Name Requester</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
ResponseMessage	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Optional message to be included in the notification email when <code>Status</code> is Declined.</p>
Status	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The status of the request. Available values are:</p> <ul style="list-style-type: none"> Accepted Declined Pending

Usage

This object represents a request to join a private Chatter group, and can be used to accept or decline requests to join private groups you own or manage. On create, an email is sent to the owner and managers of the private group to be accepted or declined. When the `Status` is `Accepted` or `Declined`, an email is sent to notify the requester. When the `Status` is `Declined`, a `ResponseMessage` is optionally included to provide additional details.

Note the following when working with requests:

- Users with the “Modify All Data” or “View All Data” permission can view records for all groups, regardless of membership.
- A user can be a member of 300 groups. Requests to join groups count against this limit.
- `Status` can't be specified on create.
- You can only update a request when the `Status` is `Pending`.
- You can't delete or update a request with a `Status` of `Accepted` or `Declined`.

SEE ALSO:

[CollaborationGroup](#)

[CollaborationGroupMember](#)

CollaborationGroupRecord

Represents the records associated with Chatter groups.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
<code>CollaborationGroupId</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the Chatter group. This is a relationship field.</p> <p>Relationship Name CollaborationGroup</p> <p>Relationship Type Lookup</p>

Field	Details
	Refers To CollaborationGroup
NetworkId	Type reference Properties Filter, Group, Nillable, Sort Description Optional. The ID of the Experience Cloud site that the group belongs to. Available from API version 34.0.
RecordId	Type reference Properties Create, Filter, Group, Sort Description Required. The ID of the record associated with the Chatter group. This is a polymorphic relationship field. Relationship Name Record Relationship Type Lookup Refers To Account, Campaign, Case, Contact, Contract, Lead, Opportunity

CollaborationInvitation

Represents an invitation to join Chatter, either directly or through a group. This object is available in API version 21.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Invitations are available if “Allow Invitations” is enabled for your organization.

Invitations are limited to your allowed domain(s) unless the invite is sent from a private group that allows customers. Allowed domains are set by the administrator.

Invitations to customers are available if “Allow Customer Invitations” is enabled for your organization. Users must have the “Invite Customers to Chatter” permission to send invitations to people outside their Chatter domain.


Fields

Field	Details
InvitedUserEmail	<p>Type string</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The email address for the user invited to join Chatter. Label is <code>Invited Email</code>.</p>
InvitedUserEmailNormalized	<p>Type email</p> <p>Properties Filter, Group, Sort</p> <p>Description A normalized version of the <code>InvitedUserEmail</code> entered. Label is <code>Invited Email (Normalized)</code>.</p>
InviterId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The person that initiated the invitation.</p>
OptionalMessage	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description An optional message from the person sending the invitation to the person receiving it.</p>
ParentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Used when the email address on the invitation is different than the one entered when the invitee accepts the invitation.</p>
SharedEntityId	<p>Type reference</p>

Field	Details
	Properties Create, Filter, Group, Sort
	Description ID of the user or group associated with this invitation. <ul style="list-style-type: none"> • If the invitation is to join Chatter, the <code>SharedEntityId</code> is the ID of the User that created the invitation. The invitee will auto-follow the inviter. • If the invitation is to join a group within Chatter, the <code>SharedEntityId</code> is the ID of the Chatter CollaborationGroup. • To invite a customer, set <code>SharedEntityId</code> to the ID of the private CollaborationGroup with Allow Customers turned on.
Status	Type picklist
	Properties Filter, Group, Restricted picklist, Sort
	Description The status of the invitation. Possible values are: <ul style="list-style-type: none"> • Sent • Accepted • Canceled

Usage

Use this object to create or delete (cancel) invitations to join Chatter. You can either invite a user to join Chatter directly or as part of a CollaborationGroup.

 **Note:** To invite someone to join a CollaborationGroup, you must be either the owner or a manager of the group or a Salesforce system administrator.

The Salesforce system administrator doesn't need to be a member of the group in order to send invitations using the API.

When the person accepts your CollaborationGroup invitation, they join the CollaborationGroup and Chatter as well.

 **Note:** You can't send invitations to users of the organization the invite was sent from.

Invited users can view profiles, post on their feed, and join groups, but they can't see your Salesforce data or records.

If your organization allows groups with customers, owners and managers of private groups with the "Allow Customers" setting, as well as system administrators, can use this object to invite customers.

Java Samples

The following example shows how to send an invitation to join Chatter:

```
public void invitePeople(String inviterUserId, String invitedEmail) throws Exception {
    CollaborationInvitation invitation = new CollaborationInvitation();
```

```
invitation.setSharedEntityId(inviterUserId);//pass the userId of the inviter
invitation.setInvitedUserEmail(invitedEmail);//email of the invited user
insert(invitation);
}
```

The following example shows how to send an invitation to a customer user from a group that allows customers:

```
public void inviteToGroup(String groupName, String invitedEmail) throws Exception {
    QueryResult qr = query("select id from collaborationgroup where name = '" +
        groupName); //pass the group name
    String groupId = qr.getRecords()[0].getId();
    CollaborationInvitation invitation = new CollaborationInvitation();
    invitation.setSharedEntityId(groupId);//pass the groupId
    invitation.setInvitedUserEmail(invitedEmail);//email of the invited user
    insert(invitation);
}
```

Apex Samples

```
String emailAddress = 'bob@external.com';
CollaborationGroup chatterGroup = [SELECT Id
    FROM CollaborationGroup
    WHERE Name='All acme.com'
    LIMIT 1];
CollaborationInvitation inv = New CollaborationInvitation();
inv.SharedEntityId = chatterGroup.id;
inv.InvitedUserEmail = emailAddress;

try {
    Insert inv;
} catch(DMLException e) {
    System.debug('There was an error with the invite: '+e);
}
```

CollaborationRoom

Represents a collaboration room, which links Salesforce to a Slack channel used by applications with specific use cases, such as swarming or reporting. This object is available in API version 55.0 and later.

Supported Calls

`create()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

To access this object, enable the Slack Terms of Service and one of:

- Sales Cloud for Slack App
- Service Cloud for Slack App

- CRM Analytics for Slack App
- Industries Cloud for Slack App
- Health Cloud for Slack App

Fields

Field	Details
IsArchived	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the collaboration room is archived (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
IsAutoJoin	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether new users automatically join the collaboration room. Used for Sales Cloud for Slack App. The default value is <code>false</code>.</p>
IsExternal	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether external users are members of the Slack channel (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p>

Field	Details
	Properties Filter, Nillable, Sort Description Timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of collaboration room.
PlatformKey	Type string Properties Create, Filter, Group, Nillable, Sort Description ID of the Slack channel.
TeamKey	Type string Properties Create, Filter, Group, Nillable, Sort Description ID of the Slack workspace.

CollabDocumentMetric

Represents the engagement metrics for a Quip thread (document or spreadsheet) that's linked to a Salesforce record. This object is available in API version 50.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
Document	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The Quip thread ID.</p>
Site	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the Quip site in which the thread is located.</p>
SourceTemplate	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The ID of the template (if any) on which a Quip thread is based.</p>
DocumentTitle	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The title of the thread.</p>
MetricDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the metric was gathered in your local time zone.</p>
MetricDateOnly	<p>Type date</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	Description The date that the metric was gathered in UTC. Available in API version 55.0 and later.
LastUpdatedDate	Type dateTime Properties Filter, Nillable, Sort Description The date that the thread was created, last edited, or last shared in your local time zone.
LastUpdatedDateOnly	Type date Properties Filter, Nillable, Sort Description The date that the thread was created, last edited, or last shared in UTC. Available in API version 55.0 and later.
ViewerCount	Type int Properties Filter, Nillable, Sort Description The number of thread views by user for the specified MetricDate.
UpdateCount	Type int Properties Filter, Group, Nillable, Sort Description The number of edits made on the thread on a given day.
EditorCount	Type int Properties Filter, Group, Nillable, Sort Description For the specified MetricDate, the number of users who edited the Quip thread.
CommenterCount	Type int

Field	Details
	Properties Filter, Group, Nillable, Sort
	Description For the specified MetricDate, the number of users who commented on the Quip thread.

CollabDocumentMetricRecord

Represents an association between a CollabDocumentMetric and a Salesforce record. It tracks which Salesforce record, such as an Account or Contact, is linked to a Quip thread for which metrics were gathered using CollabDocumentMetric. CollabDocumentMetricRecord is available in API version 50.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
ParentRecord	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The ID of the Salesforce record.
QuipDocumentMetric	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The ID of the CollabDocumentMetric record.
MetricDate	Type dateTime
	Properties Filter, Nillable, Sort
	Description The date that the metric was gathered in your local time zone.

Field	Details
MetricDateOnly	Type date Properties Filter, Nillable, Sort Description The date that the metric was gathered in UTC. Available in API version 55.0 and later.
EntityType	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The object type of the Salesforce record, such as Account or Contact.

CollabTemplateMetric

Represents the engagement metrics for a Quip template. This object is available in API version 50.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
Template	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The ID of the template.
TemplateTitle	Type string Properties Filter, Group, Nillable, Sort Description The title of the template.

Field	Details
Site	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the Quip site on which the template is available.</p>
MetricDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the metric was gathered in your local time zone.</p>
MetricDateOnly	<p>Type date</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the metric was gathered in UTC. Available in API version 55.0 and later.</p>
LastUpdatedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the thread was created, last edited, or last shared in your local time zone.</p>
LastUpdatedDateOnly	<p>Type date</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the thread was created, last edited, or last shared in UTC. Available in API version 55.0 and later.</p>
TotalDocumentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	Description The number of documents created based on the template.

CollabTemplateMetricRecord

Represents an association between a CollabTemplateMetric and a Salesforce record. It tracks which Salesforce record, such as an Account or Contact, is linked to a Quip template for which metrics were gathered using CollabTemplateMetric. CollabTemplateMetricRecord is available in API version 50.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
ParentRecord	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the Salesforce record.
QuipDocumentMetric	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the CollabTemplateMetric record.
MetricDate	Type dateTime Properties Filter, Nillable, Sort Description The date that the metric was gathered in your local time zone.
MetricDateOnly	Type date

Field	Details
	Properties Filter, Nillable, Sort Description The date that the metric was gathered in UTC. Available in API version 55.0 and later.
EntityType	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The object type of the Salesforce record, such as Account or Contact.

CollabUserEngagementMetric

Represents the user engagement metrics for a Quip thread in a Quip template or document. This object is available in API version 50.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
CommentCount	Type int Properties Filter, Group, Nillable, Sort Description The number of comments by the user for the specified <code>MetricDate</code> .
EditCount	Type int Properties Filter, Group, Nillable, Sort Description The number of edits by the user for the specified <code>MetricDate</code> .

Field	Details
MetricDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the metric was gathered in your local time zone.</p>
MetricDateOnly	<p>Type date</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the metric was gathered in UTC. Available in API version 55.0 and later.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The unique name of the CollabUserEngagementMetric object.</p>
QuipThread	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The Quip thread ID.</p>
QuipThreadTitle	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The title of the Quip document, sheet, slide, and so forth.</p>
QuipThreadType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The type of Quip thread. The possible values are:</p>

Field	Details
	<ul style="list-style-type: none">• CHAT• DOCUMENT• SHEET• SLIDE• TEMPLATE
QuipUser	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The ID of the Quip user.</p>
SalesforceUserId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the Salesforce user.</p>
Site	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the Quip site.</p>
SourceTemplate	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description The ID of the source template.</p>
ViewCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of views by the user for the specified <code>MetricDate</code>.</p>

CollabUserEngmtRecordLink

Represents an association between a CollabUserEngagementMetric and a Salesforce record. It tracks which Salesforce record, such as an Account or Contact, is associated with the user engagement metric. This object is available in API version 50.0 and later.



Note: The CollabUserEngmtRecordLink object is now deprecated. You can still access user engagement metrics for metric dates before August 12, 2021. To obtain user engagement metric for dates starting from August 12, 2021, follow the instructions in the [Quip Engagement Metrics documentation](#).

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
MetricDate	Type dateTime Properties Filter, Nillable, Sort Description The date of the gathered metric.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The unique name of the CollabUserEngmtRecordLink object.
ObjectType	Type string Properties Filter, Group, idLookup, Nillable, Sort Description The object type of the Salesforce record, such as Account or Contact.
ParentRecordId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the Salesforce record.

Field	Details
UserEngagementMetricId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the CollabUserEngagementMetric record.

ColorDefinition

Represents the color-related metadata for a custom tab. This object is available in API version 43.0 and later.

Supported Calls

`describeSObjects()`, `query()`

Fields

Field Name	Details
Color	Type string Properties Filter, Group, Nillable, Sort Description The color described in web color RGB format—for example, “00FF00”.
Context	Type string Properties Filter, Group, Nillable, Sort Description The color context, which determines whether the color is the main color (or primary) for the tab.
DurableId	Type string Properties Filter, Group, Nillable, Sort

Field Name	Details
	Description A unique virtual Salesforce ID for the color.
TabDefinitionId	Type string Properties Filter, Nillable, Sort Description The TabDefinition ID. This is a relationship field. Relationship Name TabDefinition Relationship Type Lookup Refers To TabDefinition
Theme	Type string Properties Filter, Group, Nillable, Sort Description The icon's theme.

CombinedAttachment

This read-only object contains all notes, attachments, Google Docs, documents uploaded to libraries in Salesforce CRM Content, and files added to Chatter that are associated with a record.

Supported Calls

`describeSObjects()`

Fields

Field Name	Details
ContentSize	Type int

Field Name	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description Size of the document in bytes.</p>
ContentUrl	<p>Type url</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description URL for links and Google Docs. This field is set only for links and Google Docs, and is one of the fields that determine the <code>FileType</code>. This field is available in API version 31.0 and later.</p>
ExternalDataSourceName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Name of the external data source in which the document is stored. This field is set only for external documents that are connected to Salesforce. This field is available in API version 32.0 and later.</p>
ExternalDataSourceType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Type of external data source in which the document is stored. This field is set only for external documents that are connected to Salesforce. This field is available in API version 35.0 and later.</p>
FileExtension	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description File extension of the document. This field is available in API version 31.0 and later.</p>

Field Name	Details
FileType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Type of document, determined by the file extension.</p>
ParentId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the parent object. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Accreditation, ActivationTarget, ActivationTrgtIntOrgAccess, ApiAnomalyEventStore, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskIndDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CodeSet, CollaborationGroup, CommSubscription, CommSubscriptionChannelType, CommSubscriptionConsent, CommSubscriptionTiming, ConsumptionSchedule, Contact, ContactEncounter, ContactEncounterParticipant, ContentWorkspace, Contract, ConversationEntry, CoverageBenefit, CoverageBenefitItem, CredentialStuffingEventStore, CreditMemo, CreditMemoline, Dashboard, DashboardComponent, DataStream, DelegatedAccount, DocumentChecklistItem, EmailMessage, EmailTemplate, EngagementChannelType, EnhancedLetterhead, EnrollmentEligibilityCriteria, Event, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork,</p>

Field Name	Details
	HealthcarePractitionerFacility, HealthcareProvider, HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, Identifier, IdentityDocument, Image, IndividualApplication, Invoice, InvoiceLine, Lead, ListEmail, Location, MarketSegment, MarketSegmentActivation, MemberPlan, MessagingSession, MktCalculatedInsight, OperatingHours, Opportunity, Order, OrderItem, Organization, OtherComponentTask, PartyConsent, PersonEducation, PersonLanguage, PersonLifeEvent, PersonName, PlanBenefit, PlanBenefitItem, Product2, ProductFulfillmentLocation, ProductItem, ProductItemTransaction, ProductRequest, ProductRequestLineItem, ProductRequired, ProductTransfer, ProfileSkill, ProfileSkillEndorsement, ProfileSkillUser, ProviderSearchSyncLog, PurchaserPlan, PurchaserPlanAssn, ReceivedDocument, Report, ReportAnomalyEventStore, ResourceAbsence, ResourcePreference, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, ServiceResourceSkill, ServiceTerritory, ServiceTerritoryMember, ServiceTerritoryWorkType, SessionHijackingEventStore, Shift, Shipment, ShipmentItem, Site, SkillRequirement, SocialPost, Solution, Task, ThreatDetectionFeedback, User, Visit, VisitedParty, Visitor, VoiceCall, VolunteerProject, WorkBadgeDefinition, WorkOrder, WorkOrderLineItem, WorkType, WorkTypeGroup, WorkTypeGroupMember
RecordType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The parent object type.</p>
SharingOption	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Controls whether or not sharing is frozen for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is Allowed, which means that new shares are allowed. When set to Restricted, new shares are prevented without affecting existing shares. This field is available in API versions 35.0 and later.</p>
Title	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Title of the attached file.</p>

Usage

Use this object to list all notes, attachments, documents uploaded to libraries in Salesforce CRM Content, and files added to Chatter for a record, such as a related list on a detail page.

To determine if an object supports the CombinedAttachment object, call `describeSObject()` on the object. For example, `describeSObject('Account')` returns all the child relationships of the Account object, including `CombinedAttachment`. You can then query the `CombinedAttachment` child relationship.

```
SELECT Name, (SELECT Title FROM CombinedAttachments)
FROM Account
```

You can't directly query `CombinedAttachment`.

CommerceEntitlementBuyerGroup

Represents the entitlement policy for a buyer group. This object is available in API version 49.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`

Special Access Rules

The `CommerceEntitlementBuyerGroup` object is available when you meet these requirements. The B2B Commerce license is enabled. The Commerce Buyer and Entitlements Integrator permission is granted.

Fields

Field	Details
BuyerGroupId	Type reference Properties Create, Filter, Group, Sort Description The unique ID for the buyer group.
CurrencyIsoCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort Description The standard code for the currency. Possible values are:

Field	Details
	<ul style="list-style-type: none"> • GBP—British Pound • USD—U.S. Dollar
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The name of the entitlement buyer group.</p>
PolicyId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The unique ID for the entitlement policy.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CommerceEntitlementBuyerGroupChangeEvent](#) on page 52

Change events are available for the object.

CommerceEntitlementPolicy

Represents an entitlement policy, which determines what products and prices a user can see. This object is available in API version 49.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

The CommerceEntitlementPolicy object is available only if the B2B Commerce license is enabled.

Fields

Field	Details
CanViewPrice	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Determines whether a user can view the price of a product (<code>true</code>) or not (<code>false</code>). Default value is <code>false</code>.</p>
CanViewProduct	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Determines whether a user can view the product (<code>true</code>) or not (<code>false</code>). Default value is <code>false</code>.</p>
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The standard code for the currency. Possible values are:</p> <ul style="list-style-type: none">• GBP—British Pound• USD—U.S. Dollar
Description	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The entitlement policy description.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field	Details
	Description Determines if the entitlement policy is active (<code>true</code>) or inactive (<code>false</code>). Default value is <code>false</code> .
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, it can mean that the record was only referenced (<code>LastReferencedDate</code>) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the entitlement policy.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The unique ID for the entitlement policy owner.

Associated Objects

This object has the following associated objects. Except where noted, these objects are available in the same API version as `CommerceEntitlementPolicy`.

[CommerceEntitlementPolicyChangeEvent](#) on page 52

Change events are available for the object.

[CommerceEntitlementPolicyOwnerFeed](#) on page 39

Feed tracking is available for the object.

CommerceEntitlementPolicyHistory on page 47

History is available for tracked fields of the object.

CommerceEntitlementPolicyOwnerSharingRule

Sharing rules are available for this object.

CommerceEntitlementPolicyShare

Represents the entitlement rule for sharing products and prices with users other than the owner. This object is available in API version 49.0 and later.

You can only create, edit, and delete sharing entries for standard objects whose `RowCause` field is set to `Manual`. Sharing entries for standard objects with different `RowCause` values are created as a result of your Salesforce org's sharing configuration and are read-only. For some sharing mechanisms, such as sharing sets, sharing entries aren't stored at all.



Note: While Salesforce currently maintains read-only sharing entries for multiple sharing mechanisms, it's possible that we'll stop storing certain share records to improve performance. As a best practice, don't create customizations that rely on the availability of these sharing entries. Any changes to sharing behavior will be communicated before they occur.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

The `CommerceEntitlementPolicyShare` object is available only if the B2B Commerce license is enabled.

Fields

Field	Details
<code>AccessLevel</code>	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Possible values are:</p> <ul style="list-style-type: none">• <code>All</code>—Owner• <code>Edit</code>—Read/Write• <code>Read</code>—Read Only
<code>ParentId</code>	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Sort</p>

Field	Details
	Description The unique ID of the parent entitlement policy.
RowCause	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort Description Reason that this sharing entry exists. If you're creating a sharing entry, the only permitted value is <code>Manual</code> . If no value is specified, the field defaults to <code>Manual</code> . All other <code>RowCause</code> values are read-only. After the sharing entry is created, this field can't be edited. Possible values are: <ul style="list-style-type: none"> • <code>CompliantCollaboration</code>—Compliant Data Sharing • <code>GuestParentImplicit</code>—Associated guest user sharing • <code>GuestPersonImplicit</code>—Associated Guest User Sharing • <code>GuestRule</code>—Guest User Sharing Rule • <code>ImplicitChild</code>—Account Sharing • <code>ImplicitParent</code>—Associated record owner or sharing • <code>ImplicitPerson</code>—Person Contact • <code>Manual</code>—Manual Sharing • <code>Owner</code> • <code>Rule</code>—Sharing Rule • <code>SurveyShare</code>—Survey Sharing Rule • <code>Team</code>—Sales Team • <code>Territory</code>—Territory Assignment Rule • <code>Territory2AssociationManual</code>—Territory Manual • <code>Territory2Forecast</code>—Territory assignment for forecasting and reporting • <code>TerritoryManual</code>—Territory Manual • <code>TerritoryRule</code>—Territory Sharing Rule
UserOrGroupId	Type reference Properties Create, Filter, Group, Sort Description The unique ID of the associated user or buyer group.

CommerceEntitlementProduct

Represents the entitlement policy for a product. This object is available in API version 49.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`

Special Access Rules

The CommerceEntitlementProduct object is available when you meet these requirements. The B2B Commerce license is enabled. The Commerce Buyer and Entitlements Integrator permission is granted.

Fields

Field	Details
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description The standard code for the currency. Possible values are:</p> <ul style="list-style-type: none">• GBP—British Pound• USD—U.S. Dollar
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The product entitlement policy name.</p>
PolicyId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The unique ID for the product entitlement policy.</p>

Field	Details
ProductId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The unique ID for the product referenced in the entitlement policy.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CommerceEntitlementProductChangeEvent](#) on page 52

Change events are available for the object.

CommissionSchedule

Represents a commission calculation and rate definition. Calculates commission values for a commissionable event.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ApplicableObject	<p>Type multipicklist</p> <p>Properties Create, Filter, Nillable, Restricted picklist, Update</p> <p>Description The object for which this Commission Schedule calculates commissions. Possible values are:</p> <ul style="list-style-type: none"> Contract InsurancePolicy Producer Quote

Field	Details
CalcProcessInputMapping	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The input mappings from the object fields to the variables used in the commission calculation.</p>
CalcProcessOutput	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The formula applied to this Commission Schedule's process output that calculates the final commission amount.</p>
CalcProcessOutputConvNotation	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description An optimized version of the CalcProcessOutput formula that calculates the commission. Not user-editable.</p>
CalculationProcessName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The name of the Integration Procedure, Calculation Matrix, or Calculation Procedure this Commission Schedule uses for calculations.</p>
CalculationType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The type of calculation or process used when this Commission Schedule is used. Possible values are:</p> <ul style="list-style-type: none"> Amount CalculationMatrix CalculationProcedure

Field	Details
	<ul style="list-style-type: none"> IntegrationProcedure Rate
CommissionAmount	<p>Type currency</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The commission amount for the Commission Schedule when the process type is Amount.</p>
CommissionRate	<p>Type percent</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The commission percentage for the Commission Schedule when the process type is Rate.</p>
CommissionStructureType	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates whether the commission calculation is Flat or Tiered when the process type is Matrix. Possible values are:</p> <ul style="list-style-type: none"> Flat Tiered <p>The default value is Flat.</p>
EffectiveEndDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The effective end date of the Commission Schedule.</p>
EffectiveStartDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	Description The effective start date of the Commission Schedule.
IsActive	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the Commission Schedule is active. The default value is <code>false</code> .
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the Commission Schedule.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the record owner. This is a polymorphic relationship field.

Field	Details
	Relationship Name Owner
	Relationship Type Lookup
	Refers To Group, User
TierDefinition	Type textarea
	Properties Create, Nillable, Update
	Description Internal-only. Applies when the CalculationType is CalculationMatrix.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CommissionScheduleFeed

Feed tracking is available for the object.

CommissionScheduleHistory

History is available for tracked fields of the object.

CommissionScheduleOwnerSharingRule

Sharing rules are available for the object.

CommissionScheduleShare

Sharing is available for the object.

CommissionScheduleAssignment

Represents the commission calculation applicable to a specific product or producer for one or multiple commissionable events.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CommissionableEventType	<p>Type multipicklist</p> <p>Properties Create, Filter, Nillable, Restricted picklist, Update</p> <p>Description The event that results in the commission calculation. Possible values are:</p> <ul style="list-style-type: none"> Contracting Endorsement Issue Policy Policy Issuance
CommissionScheduleId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the associated Commission Schedule, which is the commission calculation tied to the product or producer. This is a relationship field.</p> <p>Relationship Name CommissionSchedule</p> <p>Relationship Type Lookup</p> <p>Refers To CommissionSchedule</p>
EffectiveEndDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The last date when the Commission Schedule is in effect for the product or producer.</p>
EffectiveStartDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	Description The first date when the Commission Schedule is in effect for the product or producer.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.
MaxCommissionAmount	Type currency Properties Create, Filter, Nillable, Sort, Update Description The maximum commission calculated for the product or producer for a commissionable event. Constrains the output from the Commission Schedule.
MaxCommissionRate	Type percent Properties Create, Filter, Nillable, Sort, Update Description The maximum commission rate that a producer receives for a commissionable event.
MinCommissionAmount	Type currency Properties Create, Filter, Nillable, Sort, Update Description The minimum commission calculated for the product or producer for a commissionable event. Constrains the output from the Commission Schedule.

Field	Details
MinCommissionRate	<p>Type percent</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The minimum commission rate that a producer receives for a commissionable event.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description Name of the Commission Schedule Assignment.</p>
ProducerId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The producer, broker, brokerage, or other user who receives the commission. This is a relationship field.</p> <p>Relationship Name Producer</p> <p>Relationship Type Lookup</p> <p>Refers To Producer</p>
Product2Id	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The product for which commissions are calculated. This is a relationship field.</p> <p>Relationship Name Product2</p> <p>Relationship Type Lookup</p> <p>Refers To Product2</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CommissionScheduleAssignmentFeed

Feed tracking is available for the object.

CommissionScheduleAssignmentHistory

History is available for tracked fields of the object.

CommSubscription

Represents a customer's subscription preferences for a specific communication. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DataUsePurposeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the data use purpose record associated with the communication subscription.</p>
IsDefault	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates if this communication subscription is the default (<code>true</code>) or not (<code>false</code>). This field has a default value of <code>false</code>. Only one communication subscription record can be the default.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>

Field	Details
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. Name of the communication subscription record.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the account owner associated with this customer. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[CommSubscriptionFeed](#)

Feed tracking is available for the object.

[CommSubscriptionHistory](#)

History is available for tracked fields of the object.

[CommSubscriptionOwnerSharingRule](#)

Sharing rules are available for the object.

[CommSubscriptionShare](#)

Sharing is available for the object.

CommSubscriptionChannelType

Represents the engagement channel through which you can reach a customer for a communication subscription. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CommunicationSubscriptionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the associated communication subscription record. This is a relationship field.</p> <p>Relationship Name CommunicationSubscription</p> <p>Relationship Type Lookup</p> <p>Refers To CommSubscription</p>
EngagementChannelTypeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the associated engagement channel type record. This is a relationship field.</p> <p>Relationship Name EngagementChannelType</p> <p>Relationship Type Lookup</p> <p>Refers To EngagementChannelType</p>

Field	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. Name of the communication subscription channel type record.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID account owner associated with this customer. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[CommSubscriptionChannelTypeFeed](#)

Feed tracking is available for the object.

CommSubscriptionChannelTypeHistory

History is available for tracked fields of the object.

CommSubscriptionChannelTypeOwnerSharingRule

Sharing rules are available for the object.

CommSubscriptionChannelTypeShare

Sharing is available for the object.

CommSubscriptionConsent

Represents a customer’s consent to a communication subscription. This object is available in API version 48.0 and later.


Supported Calls

```
create(), delete(), describeLayout(), describeSObjects(), getDeleted(), getUpdated(), query(),
retrieve(), search(), undelete(), update(), upsert()
```

Fields

With certain page layout and field-level security settings, some fields aren't visible or editable.

Field	Details
BusinessBrandId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the Business Brand that the individual has given consent to for a communication subscription. This is a relationship field. This field is available in API version 53.0 and later.</p> <p>Relationship Name BusinessBrand</p> <p>Relationship Type Lookup</p> <p>Refers To BusinessBrand</p>
CommSubscriptionChannelTypeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the associated communication subscription channel type record. This is a relationship field.</p>

Field	Details
	<p>Relationship Name CommSubscriptionChannelType</p> <p>Relationship Type Lookup</p> <p>Refers To CommSubscriptionChannelType</p>
ConsentCapturedDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Required. Date when the customer's consent was captured.</p>
ConsentCapturedSource	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Required. Source through which consent was captured. For example, user@example.com or www.example.com.</p>
ConsentGiverId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the person who gave consent to the communication subscription on behalf of the contact point.</p> <p> Note: If the contact point gave consent, don't use ConsentGiverId.</p> <p>This is a polymorphic relationship field.</p> <p>Relationship Name ConsentGiver</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Contact, Individual, User</p>
ContactPointId	<p>Type reference</p>

Field	Details
	<p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the contact point, such as an Individual or person account, associated with the communication subscription consent. This is a polymorphic relationship field.</p> <p>Relationship Name ContactPoint</p> <p>Relationship Type Lookup</p> <p>Refers To ContactPointAddress, ContactPointEmail, ContactPointPhone</p>
DataUsePurposeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Represents the record for data use purpose that you want to associate this consent with. This field is available in API version 57.0 and later. This is a relationship field.</p> <p>Relationship Name DataUsePurpose</p> <p>Relationship Type Lookup</p> <p>Refers To DataUsePurpose</p>
EffectiveFromDate	<p>Type date</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. Date when consent starts.</p>
EffectiveToDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Date when consent ends. This field is restricted by field-level security.</p>

Field	Details
EngagementChannelTypeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Represents the contact method you want to apply consent to. This field is available in API version 57.0 and later. This is a relationship field.</p> <p>Relationship Name EngagementChannelType</p> <p>Relationship Type Lookup</p> <p>Refers To EngagementChannelType</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. Name of the communication subscription consent record.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field	Details
	<p>Description The ID of the account owner associated with this customer. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
PartyId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Represents the record based on the Individual object that you want to associate consent with. This field is available in API version 57.0 and later. This is a relationship field.</p> <p>Relationship Name Party</p> <p>Relationship Type Lookup</p> <p>Refers To Individual</p>
PartyRoleId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the Party Role for the individual you want to associate consent with. This is a polymorphic relationship field. This field is available in API version 53.0 and later.</p> <p>Relationship Name PartyRole</p> <p>Relationship Type Lookup</p> <p>Refers To Customer, Seller</p>
PrivacyConsentStatus	<p>Type picklist</p>

Field	Details
	<p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Identifies whether the individual or person account associated with this record agrees to this form of contact.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • NotSeen • OptIn • OptInPending—Available in API version 58.0 and later. • OptOut • OptOutPending—Available in API version 58.0 and later. • Seen <p>The default value is <code>NotSeen</code>. This field is available in API version 57.0 and later.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CommSubscriptionConsentChangeEvent (API version 49.0)

Change events are available for the object.

CommSubscriptionConsentFeed

Feed tracking is available for the object.

CommSubscriptionConsentHistory

History is available for tracked fields of the object.

CommSubscriptionConsentOwnerSharingRule

Sharing rules are available for the object.

CommSubscriptionConsentShare

Sharing is available for the object.

CommSubscriptionTiming

Represents a customer's timing preferences for receiving a communication subscription. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CommSubscriptionConsentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the associated communication subscription consent record. This is a relationship field.</p> <p>Relationship Name CommSubscriptionConsent</p> <p>Relationship Type Lookup</p> <p>Refers To CommSubscriptionConsent</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description Required. Name of the communication subscription timing record.</p>
Offset	<p>Type double</p>

Field	Details
	<p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The amount of time before or after an event or the specific day of the week to communicate with the contact point. Set the unit of time in the <code>Unit</code> field.</p> <p>For example, if you set <code>Unit</code> as <i>Week</i> and <code>Offset</code> as <i>-4</i>, communicate with the contact point four weeks before the event. If you set <code>Offset</code> as <i>4</i>, communicate with the contact point four weeks after the event.</p>
PreferredTimeEnd	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description End of the preferred time span in which to reach the customer.</p>
PreferredTimeStart	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Start of the preferred time span in which to reach the customer.</p>
PreferredTimeZone	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Time zone of the preferred time span.</p>
Unit	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The unit of time that works with the <code>Offset</code> field to determine the communication timing.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Day • DayOfWeek • Hour • Month

Field	Details
	<ul style="list-style-type: none">• Week

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[CommSubscriptionTimingFeed](#)

Feed tracking is available for the object.

[CommSubscriptionTimingHistory](#)

History is available for tracked fields of the object.

Community (Zone)

Represents a zone that contains Idea or Question objects.



Note: Starting with the Summer '13 release, Chatter Answers and Ideas communities were renamed to zones. In API version 28, the API object label has changed to `Zone`, but the API type is still `Community`.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
<code>CanCreateCase</code>	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether users can ask private questions in the zone using Chatter Answers.</p>
<code>DataCategoryName</code>	<p>Type string</p> <p>Properties Filter, Nillable, Group, Sort</p> <p>Description The data category associated with the zone.</p>
<code>Description</code>	<p>Type textarea</p>

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description Text description of the zone.</p>
HasChatterService	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether Chatter Answers is available in the zone.</p>
IsActive	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the zone is active or inactive. An idea or question can only be posted to an active zone.</p>
IsPublished	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the zone is available in portals.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description The name of the zone.</p>
NetworkId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the Experience Cloud site that this zone is associated with. This field is available only if digital experiences is enabled in your org. This field is available in API version 60.0 and later.</p>

Usage

Use this object to create a zone in Ideas, Chatter Answers, or Answers. Zones help organize ideas and questions into logical groups and are shared by the Ideas, Answers, and Chatter Answers.

ConnectedApplication

Represents a connected app and its details; all fields are read-only.

Connected apps link client applications, third-party services, other Salesforce organizations, apps, and resources to your organization. The connected app configuration specifies authorization and security settings for these resources. This object exposes the settings for a specified connected app.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
MobileSessionTimeout	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description Length of time after which the system logs out inactive mobile users.
MobileStartUrl	Type url Properties Filter, Nillable, Sort Description Users are directed to this URL after they've authenticated when the app is accessed from a mobile device.
Name	Type string Properties Filter, Group, idLookup, Sort Description The unique name for this object.

Field Name	Details
NamedUserUvidTimeout	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The timeout value for a JSON Web Token (JWT)-based access token that contains a unique visitor ID (UVID) and that is issued to a named user.. Possible values are:</p> <ul style="list-style-type: none"> • 1—1 Minute • 5—5 Minutes • 10—10 Minutes • 15—15 Minutes • 30—30 Minutes <p>Available in API version 59.0 and later.</p>
OptionsAllowAdminApprovedUsersOnly	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether access is limited to users granted approval to use the connected app by an administrator. Manage profiles for the app by editing each profile's Access list.</p>
OptionsAppIssueJwtTokenEnabled	<p>Type boolean</p> <p>Properties Filter</p> <p>Description If set to <code>true</code>, the connected app is enabled to issue JWT-based access tokens. For installed apps, JWT-based access tokens must also be enabled in your connected app policies. Available in API version 59.0 and later.</p>
OptionsCodeCredentialGuestEnabled	Reserved for future use.
OptionsFullContentPushNotifications	For internal use only.
OptionsHasSessionLevelPolicy	<p>Type boolean</p>

Field Name	Details
	Properties Filter Description Specifies whether the connected app requires a High Assurance level session.
OptionsIsInternal	For internal use only.
OptionsRefreshTokenValidityMetric	Type boolean Properties Filter Description Specifies whether the refresh token validity is based on duration or inactivity. If <code>true</code> , the token validity is measured based on the last use of the token; otherwise, it's based on the token duration.
OptionsTokenExchangeManageBitEnabled	Type boolean Properties Filter Description If <code>true</code> , the OAuth 2.0 token exchange flow is enabled.
PinLength	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description For mobile apps, this field is the PIN length requirement for users of the connected app. Valid values are 4, 5, 6, 7, or 8.
RefreshTokenValidityPeriod	Type int Properties Filter, Group, Nillable, Sort Description The duration of an authorization token until it expires in hours, months, or days as set in the connected app management page.
StartUrl	Type url

Field Name	Details
	Properties Filter, Nillable, Sort Description If the app isn't accessed from a mobile device, users are directed to this URL after they've authenticated.
UvidTimeout	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The timeout value for a JWT-based access token that's issued to an unknown user as a result of the guest user variation of the Authorization Code and Credentials Flow. JWT-based access tokens issued during this flow variation always contain a UVID. Possible values are: <ul style="list-style-type: none"> • 1—1 Minute • 5—5 Minutes • 10—10 Minutes • 15—15 Minutes • 30—30 Minutes Available in API version 59.0 and later.

Consumption Rate

Consumption rates describe the billing rate for a range of usage within a consumption schedule. All consumption schedules require at least one consumption rate in order to rate usage on a usage product. This object is available in API version 45.0 and later.

The consumption rate sets a quantity-based boundary for usage and defines how much your product costs when its usage falls within that boundary. Consumption rates price usage at a per-unit fee or a flat fee across the entire range of usage.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
ConsumptionScheduleId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The consumption schedule that contains the consumption rate. This is a relationship field.</p> <p>Relationship Name ConsumptionSchedule</p> <p>Relationship Type Lookup</p> <p>Refers To ConsumptionSchedule</p>
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Available only for orgs with the multicurrency feature enabled. Possible values are:</p> <ul style="list-style-type: none"> • AUD—Australian Dollar • CAD—Canadian Dollar • GBP—British Pound • JPY—Japanese Yen • USD—U.S. Dollar
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Description of the consumption rate.</p>
LowerBound	<p>Type int</p> <p>Properties Create, Filter, Group, Sort, Update</p>

Field	Details
	Description The lowest quantity of usage for the consumption rate.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Required. Default name of this record. Label is Product Name .
Price	Type currency Properties Create, Filter, Sort, Update Description The price for usage that falls within the consumption rate's bounds.
PricingMethod	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description How Salesforce applies the consumption rate's price to the total quantity of usage within a usage summary. Possible values are: <ul style="list-style-type: none"> • FlatFee—Salesforce applies the rate's price to the entire quantity of usage. • PerUnit—Salesforce applies the rate's price to each individual quantity of usage within the usage summary.
ProcessingOrder	Type int Properties Create, Filter, Group, Sort, Update Description The order for processing the usage rate across multiple rates. Consumption rates are evaluated beginning with the lowest processing order.
UpperBound	Type int Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The highest quantity of usage for the consumption rate.

Consumption Schedule

A consumption schedule organizes a set of consumption rates by which usage-based products are quoted and billed. This object is available in API version 45.0 and later.

Salesforce uses consumption schedules to group consumption rates. Your consumption schedule defines the unit of measurement and rating method for the schedule's rates. It also defines the billing frequency that Salesforce Billing uses to invoice a usage product.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
BillingTerm	Type int Properties Create, Filter, Group, Sort, Update Description The number used with the billing term unit to determine billing frequency.
BillingTermUnit	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description The unit used with the billing term to determine billing frequency Possible values are: <ul style="list-style-type: none"> • Month— • Quarter— • Year—
CurrencyIsoCode	Type picklist

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Available only for orgs with the multicurrency feature enabled. Possible values are:</p> <ul style="list-style-type: none"> • AUD—Australian Dollar • CAD—Canadian Dollar • GBP—British Pound • JPY—Japanese Yen • USD—U.S. Dollar
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Description of the consumption schedule.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether this record is active (<code>true</code>) or not (<code>false</code>). Label is Active.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>
MatchingAttribute	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Salesforce Billing matches usage with a consumption schedule if the records share Matching Attribute value.</p>
Name	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, idLookup, Sort, Update</p> <p>Description</p> <p>Required. Default name of this record. Label is Product Name.</p>
NumberOfRates	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The number of consumption rates in this consumption schedule.</p>
OwnerId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>The user who owns a consumption schedule record.</p> <p>This is a polymorphic relationship field.</p> <p>Relationship Name</p> <p>Owner</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>Group, User</p>

Field	Details
RatingMethod	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description A specific use case to rate usage against the schedule. This field is the controlling picklist for the Type field. Possible values are:</p> <ul style="list-style-type: none"> • Tier
SBQQ__Category__c	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description This field is available only with Salesforce CPQ. You can define custom categories to organize consumption schedules in separate tabs on sales rep UI. If you do this, make sure to create a field set for each category. Possible values are:</p> <ul style="list-style-type: none"> • Rates
Type	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Defines how rate tiers are calculated. Possible values are:</p> <ul style="list-style-type: none"> • Range—The schedule prices only using the tier that applies to the usage quantity. • Slab—Usage within a given bound receives pricing equal to its tier's value.
UnitOfMeasure	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A unit of measure defines how you quantify instances of usage for your usage products. For example, if your usage product is a cloud storage subscription, you could provide a value of GB for your unit of measure.</p>

Field	Details
<code>blng__BillingRule__c</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description This field is available only with Salesforce Billing. Salesforce Billing invoices usage summaries based off their related consumption schedule's billing rule.</p>
<code>blng__RevenueRecognitionRule__c</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description This field is available only with Salesforce Billing. Salesforce Billing recognizes usage summary revenue based off the summary's related revenue recognition rule.</p>
<code>blng__TaxRule__c</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description This field is available only with Salesforce Billing. Salesforce Billing taxes usage summary invoice lines based off the summary's related tax rule.</p>

Contact

Represents a contact, which is a person associated with an account.



Important: Where possible, we changed noninclusive terms to align with our company value of Equality. We maintained certain terms to avoid any effect on customer implementations.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `merge()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules



Customer Portal users can access only portal-enabled contacts.

Fields

Field	Details
AccountId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the account that's the parent of this contact. We recommend that you update up to 50 contacts simultaneously when changing the accounts on contacts enabled for a Customer Portal or partner portal. We also recommend that you make this update after business hours. This is a relationship field.</p> <p>Relationship Name Account</p> <p>Relationship Type Lookup</p> <p>Refers To Account</p>
AssistantName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The assistant's name.</p>
AssistantPhone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The assistant's phone number. Label is Asst. Phone.</p>
Birthdate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The contact's birthdate.</p> <p>Filter criteria for report filters, list view filters, and SOQL queries ignore the year portion of the <code>Birthdate</code> field. For example, this SOQL query returns contacts with birthdays later in the year than today:</p> <pre>SELECT Name, Birthdate FROM Contact WHERE Birthdate > TODAY</pre>
<code>CanAllowPortalSelfReg</code>	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether this contact can self-register for your Customer Portal (<code>true</code>) or not (<code>false</code>).</p>
<code>CleanStatus</code>	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Indicates the record's clean status as compared with Data.com. Values include: <code>Matched</code>, <code>Different</code>, <code>Acknowledged</code>, <code>NotFound</code>, <code>Inactive</code>, <code>Pending</code>, <code>SelectMatch</code>, or <code>Skipped</code>.</p> <p>Several values for <code>CleanStatus</code> appear with different labels on the contact record.</p> <ul style="list-style-type: none"> • <code>Matched</code> appears as <code>In Sync</code> • <code>Acknowledged</code> appears as <code>Reviewed</code> • <code>Pending</code> appears as <code>Not Compared</code>
<code>ConnectionReceivedId</code>	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>ID of the <code>PartnerNetworkConnection</code> that shared this record with your organization. This field is available if you enabled Salesforce to Salesforce.</p>
<code>ConnectionSentId</code>	<p>Type</p> <p>reference</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the PartnerNetworkConnection that you shared this record with. This field is available if you enabled Salesforce to Salesforce. This field is supported using API versions earlier than 15.0. In all other API versions, this field's value is null. You can use the new PartnerNetworkRecordConnection object to forward records to connections.</p>
Department	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The contact's department.</p>
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description A description of the contact. Label is Contact Description up to 32 KB.</p>
DoNotCall	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates that the contact doesn't want to receive calls.</p>
Email	<p>Type email</p> <p>Properties Create, Filter, Group, idLookup, Nillable, Sort, Update</p> <p>Description The contact's email address.</p>
EmailBouncedDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>If bounce management is activated and an email sent to the contact bounces, the date and time of the bounce.</p> <p> Note: Email bounce functionality isn't triggered by record updates, including updates to this field.</p>
EmailBouncedReason	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>If bounce management is activated and an email sent to the contact bounces, the reason for the bounce.</p> <p> Note: Email bounce functionality isn't triggered by record updates, including updates to this field.</p>
Fax	<p>Type</p> <p>phone</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The contact's fax number. Label is Business Fax.</p>
FirstCallDateTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The date and time of the first call placed to the contact. This field is available in API version 48.0 and later if you enabled Sales Engagement.</p>
FirstEmailDateTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The date and time of the first email sent to the contact. This field is available in API version 48.0 and later if you enabled Sales Engagement.</p>
FirstName	<p>Type</p> <p>string</p>

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The contact's first name up to 40 characters.</p>
GenderIdentity	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The contact's internal experience of their gender, which may or may not correspond to their designated sex at birth.</p>
HasOptedOutOfEmail	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the contact doesn't want to receive email from Salesforce (<code>true</code>) or does (<code>false</code>). Label is Email Opt Out.</p>
HasOptedOutOfFax	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the contact prohibits receiving faxes.</p>
HomePhone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The contact's home phone number. Label is Home Phone.</p>
IndividualId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the data privacy record associated with this contact. This field is available if Data Protection and Privacy is enabled.</p>

Field	Details
	<p>This is a relationship field.</p> <p>Relationship Name Individual</p> <p>Relationship Type Lookup</p> <p>Refers To Individual</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
IsEmailBounced	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If bounce management is activated and an email is sent to a contact, indicates whether the email bounced (<code>true</code>) or not (<code>false</code>).</p>
IsPersonAccount	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Read only. Indicates whether this account has a record type of Person Account (<code>true</code>) or not (<code>false</code>). Label is Is Person Account.</p>
Jigsaw	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description References the company's ID in Data.com. If an account has a value in this field, it means that the account was imported from Data.com. If the field value is <code>null</code>, the account wasn't imported from Data.com. Maximum size is 20 characters. Available in API version 22.0 and later. Label is Data.com Key.</p>

Field	Details
	 Important: The Jigsaw field is exposed in the API to support troubleshooting for import errors and reimporting of corrected data. Do not modify this value.
LastActivityDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Value is the most recent of either:</p> <ul style="list-style-type: none"> • Due date of the most recent event logged against the record. • Due date of the most recently closed task associated with the record.
LastName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. Last name of the contact up to 80 characters.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (LastReferencedDate) but not viewed it.</p>
LeadSource	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The source of the lead that was converted to this contact.</p>

Field	Details
MailingAddress	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The compound form of the mailing address. Read-only. For details on compound address fields, see Address Compound Fields.</p>
MailingCity	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Mailing address details.</p>
MailingCountry	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Mailing address details.</p>
MailingCountryCode	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ISO codes for the mailing address's state and country.</p>
MailingGeocodeAccuracy	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update, Query, Restricted picklist, Nillable</p> <p>Description Accuracy level of the geocode for the mailing address. For details on geolocation compound field, see Compound Field Considerations and Limitations.</p>
MailingLatitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>Used with <code>MailingLongitude</code> to specify the precise geolocation of a mailing address. Acceptable values are numbers between –90 and 90 up to 15 decimal places. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
<code>MailingLongitude</code>	<p>Type</p> <p>double</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>Used with <code>MailingLatitude</code> to specify the precise geolocation of a mailing address. Acceptable values are numbers between –180 and 180 up to 15 decimal places. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
<code>MailingPostalCode</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Mailing address details.</p>
<code>MailingState</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Mailing address details.</p>
<code>MailingStateCode</code>	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The ISO codes for the mailing address's state and country.</p>
<code>MailingStreet</code>	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Street address for mailing address.</p>

Field	Details
MasterRecordId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description If this record was deleted as the result of a merge, this field contains the ID of the record that remains. If this record was deleted for any other reason, or hasn't been deleted, the value is null. This is a relationship field.</p> <p>Relationship Name MasterRecord</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
MiddleName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The contact's middle name up to 40 characters. To enable this field, ask Salesforce Customer Support for help.</p>
MobilePhone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Contact's mobile phone number. Label is Mobile Phone.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description Concatenation of <code>FirstName</code>, <code>MiddleName</code>, <code>LastName</code>, and <code>Suffix</code> up to 203 characters, including whitespaces.</p>
OtherAddress	<p>Type address</p>

Field	Details
	<p>Properties Filter, Nillable</p> <p>Description The compound form of the other address. Read-only. For details on compound address fields, see Address Compound Fields.</p>
OtherCity	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Alternate address details.</p>
OtherCountry	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Alternate address details.</p>
OtherCountryCode	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ISO codes for the alternate address's state and country.</p>
OtherGeocodeAccuracy	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Accuracy level of the geocode for the other address. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
OtherLatitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>Used with <code>OtherLongitude</code> to specify the precise geolocation of an alternate address. Acceptable values are numbers between –90 and 90 up to 15 decimal places. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
<code>OtherLongitude</code>	<p>Type</p> <p>double</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>Used with <code>OtherLatitude</code> to specify the precise geolocation of an alternate address. Acceptable values are numbers between –180 and 180 up to 15 decimal places. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
<code>OtherPhone</code>	<p>Type</p> <p>phone</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Phone for alternate address.</p>
<code>OtherPostalCode</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Alternate address details.</p>
<code>OtherState</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Alternate address details.</p>
<code>OtherStateCode</code>	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The ISO codes for the alternate address's state and country.</p>

Field	Details
OtherStreet	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Street for alternate address.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the owner of the account associated with this contact. This is a relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
Phone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Phone number for the contact. Label is Business Phone.</p>
PhotoUrl	<p>Type url</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Path to be combined with the URL of a Salesforce instance (<i>Example:</i> <code>https://yourInstance.salesforce.com/</code>) to generate a URL to request the social network profile image associated with the contact. Generated URL returns an HTTP redirect (code 302) to the social network profile image for the contact. Empty if Social Accounts and Contacts isn't enabled or if Social Accounts and Contacts is disabled for the requesting user.</p>

Field	Details
Pronouns	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The contact's personal pronouns, reflecting their gender identity. Others can use these pronouns to refer to the contact in the third person. The entry is selected from a picklist of available values, which the administrator sets. Maximum 40 characters.</p>
RecordTypeId	<p>Type reference</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description ID of the record type assigned to this object.</p>
ReportsToId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description This field doesn't appear if <code>IsPersonAccount</code> is <code>true</code>. This is a relationship field.</p> <p>Relationship Name ReportsTo</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
Salutation	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Honorific abbreviation, word, or phrase to be used in front of name in greetings, such as Dr. or Mrs.</p>
Suffix	<p>Type string</p>

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description Name suffix of the contact up to 40 characters. To enable this field, ask Salesforce Customer Support for help.
Title	Type string
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description Title of the contact, such as CEO or Vice President.



Note: If you're importing contact data and need to set the value for an audit field, such as `CreatedDate`, contact Salesforce. Audit fields are automatically updated during API operations unless you request to set these fields yourself.

Usage

Use this object to manage individual people who are associated with an account. You can create, query, delete, or update any attachment associated with a contact.

Create or update contacts by converting a lead with the `convertLead()` call.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

AccountChangeEvent (API version 44.0)

Change events are available for the object.

ContactFeed (API version 18.0)

Feed tracking is available for the object.

ContactHistory (API version 11.0)

History is available for tracked fields of the object.

ContactOwnerSharingRule

Sharing rules are available for the object.

ContactShare

Sharing is available for the object.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

ContactCleanInfo

Stores the metadata Data.com Clean uses to determine a contact record's clean status. Helps you automate the cleaning or related processing of contact records. ContactCleanInfo includes a number of bit vector fields.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Contact Clean Info provides a snapshot of the data in your Salesforce contact record and its matched Data.com record at the time the Salesforce record was cleaned.

Contact Clean Info includes a number of bit vector fields, whose component fields each correspond to individual object fields and provide related data or status information about those fields. For example, the bit vector field `IsDifferent` has an `IsDifferentEmail` field. If the `IsDifferentEmail` field's value is `False`, that means the `Email` field value is *the same* on the Salesforce contact record and its matched Data.com record.

ContactCleanInfo bit vector fields include:

- `CleanedBy` indicates who (a user) or what (a Clean job) cleaned the contact record.
- `IsDifferent` indicates whether or not a field on the contact record has a value that differs from the corresponding field on the matched Data.com record.
- `IsFlaggedWrong` indicates whether or not a field on the contact record has a value that is flagged as wrong to Data.com.
- `IsReviewed` indicates whether or not a field on the contact record is in a `Reviewed` state, which means that the value was reviewed but not accepted.

Fields

Field Name	Details
Address	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The compound form of the address. Read-only. See Address Compound Fields for details on compound address fields.</p>
City	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Details for the billing address of the contact.</p>

Field Name	Details
CleanedByJob	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the contact record was cleaned by a Data.com Clean job (<code>true</code>) or not (<code>false</code>).</p>
CleanedByUser	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the contact record was cleaned by a Salesforce user (<code>true</code>) or not (<code>false</code>).</p>
ContactId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The unique, system-generated ID assigned when the contact record was created.</p>
ContactStatusDataDotCom	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The status of the contact per Data.com. Values are: Contact is Active per Data.com, Phone is Wrong per Data.com , Email is Wrong per Data.com, Phone and Email are Wrong per Data.com, Contact Not at Company per Data.com, Contact is Inactive per Data.com, Company this contact belongs to is out of business per Data.com, Company this contact belongs to never existed per Data.com or Email address is invalid per Data.com.</p>
Country	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	Description Details for the billing address of the contact.
DataDotComID	Type string Properties Filter, Group, Nillable, Sort Description The ID Data.com maintains for the contact.
Email	Type email Properties Filter, Group, Nillable, Sort Description The email address for the contact.
FirstName	Type string Properties Filter, Group, Nillable, Sort Description The contact's first name.
IsDifferentCity	Type boolean Properties Filter Description Indicates whether the contact's <code>City</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
IsDifferentCountry	Type boolean Properties Filter Description Indicates whether the contact's <code>Country</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
IsDifferentCountryCode	Type boolean

Field Name	Details
	Properties Filter Description Indicates whether the contact's <code>Country Code</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentEmail</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>Email</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentFirstName</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>First Name</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentLastName</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>Last Name</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentPhone</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>Phone</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentPostalCode</code>	Type boolean Properties Filter

Field Name	Details
	Description Indicates whether the contact's <code>Postal Code</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentState</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>State</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentStateCode</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>State Code</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentStreet</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>Street</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsDifferentTitle</code>	Type boolean Properties Filter Description Indicates whether the contact's <code>Title</code> field value is different from the corresponding value on its matched Data.com record (<code>true</code>) or not (<code>false</code>).
<code>IsFlaggedWrongAddress</code>	Type boolean Properties Filter, Update

Field Name	Details
	Description Indicates whether the contact's <code>Address</code> field value is flagged as wrong to Data.com (<code>true</code>) or not (<code>false</code>).
<code>IsFlaggedWrongEmail</code>	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Email</code> field value is flagged as wrong to Data.com (<code>true</code>) or not (<code>false</code>).
<code>IsFlaggedWrongName</code>	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Name</code> field value is flagged as wrong to Data.com (<code>true</code>) or not (<code>false</code>).
<code>IsFlaggedWrongPhone</code>	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Phone</code> field value is flagged as wrong to Data.com (<code>true</code>) or not (<code>false</code>).
<code>IsFlaggedWrongTitle</code>	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Title</code> field value is flagged as wrong to Data.com (<code>true</code>) or not (<code>false</code>).
<code>IsInactive</code>	Type boolean Properties Defaulted on create, Filter, Group, Sort

Field Name	Details
	Description Indicates whether the contact has been reported to Data.com as <i>Inactive</i> (<code>true</code>) or not (<code>false</code>).
IsReviewedAddress	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Address</code> field value is in a <code>Reviewed</code> state (<code>true</code>) or not (<code>false</code>).
IsReviewedEmail	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Email</code> field value is in a <code>Reviewed</code> state (<code>true</code>) or not (<code>false</code>).
IsReviewedName	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Name</code> field value is in a <code>Reviewed</code> state (<code>true</code>) or not (<code>false</code>).
IsReviewedPhone	Type boolean Properties Filter, Update Description Indicates whether the contact's <code>Phone</code> field value is in a <code>Reviewed</code> state (<code>true</code>) or not (<code>false</code>).
IsReviewedTitle	Type boolean Properties Filter, Update

Field Name	Details
	Description Indicates whether the contact's <code>Title</code> field value is in a <code>Reviewed</code> state (<code>true</code>) or not (<code>false</code>).
<code>LastMatchedDate</code>	Type dateTime Properties Filter, Sort Description The date the contact record was last matched and linked to a Data.com record.
<code>LastName</code>	Type string Properties Filter, Group, Nillable, Sort Description The contact's last name.
<code>LastStatusChangedById</code>	Type reference Properties Filter, Group, Nillable, Sort Description The ID of who or what last changed the record's <code>Clean Status</code> field value: a Salesforce user or a Clean job.
<code>LastStatusChangedDate</code>	Type dateTime Properties Filter, Nillable, Sort Description The date on which the record's <code>Clean Status</code> field value was last changed.
<code>Latitude</code>	Type double Properties Filter, Nillable, Sort Description Used with <code>Longitude</code> to specify the precise geolocation of a billing address. Data not currently provided.

Field Name	Details
Longitude	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Used with <code>Latitude</code> to specify the precise geolocation of a billing address. Data not currently provided.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description Field label is Contact Clean Info Name. The name of the contact. Maximum size is 255 characters.</p>
Phone	<p>Type phone</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The phone number for the contact.</p>
PostalCode	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Details for the billing address of the contact.</p>
State	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Details for the billing address of the contact.</p>
Street	<p>Type textarea</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	Description Details for the billing address of the contact.
Title	Type string Properties Filter, Group, Nillable, Sort Description The contact's title.

Usage

Developers can create triggers that read the Contact Clean Info fields to help automate the cleaning or related processing of contact records.

Create a customized set of `Title` field values. Use triggers to map values from fields on imported or cleaned records onto a standard set of values.

ContactDailyMetric

Represents the daily engagement metrics for a contact. This object is available in API version 52.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

Sales Engagement must be enabled.

Fields

Field	Details
AllCallsCallBackLater	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the day for this contact with the call result Call Back Later.

Field	Details
AllCallsLeftVoicemail	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of calls in the day for this contact with the call result Left Voicemail.</p>
AllCallsMeaningfulConnect	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of calls in the day for this contact with the call result Meaningful Connect.</p>
AllCallsNotInterested	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of calls in the day for this contact with the call result Not Interested.</p>
AllCallsUncategorized	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of calls in the day for this contact with no call result specified.</p>
AllCallsUnqualified	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of calls in the day for this contact with the call result Unqualified.</p>
AllEmailsBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The total of hard and soft bounced emails for this contact in the day.</p>

Field	Details
	This is a calculated field.
AllEmailsDeliveredCount	Type int Properties Filter, Group, Nillable, Sort Description The number of successfully delivered emails for this contact in the day. This is a calculated field.
AllEmailsDeliveredRate	Type percent Properties Filter, Nillable, Sort Description The percentage of tracked emails sent that were successfully delivered to this contact. This field is a calculated field.
AllEmailsHardBouncedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of hard bounced emails for this contact in the day.
AllEmailsOutOfOfficeCount	Type int Properties Filter, Group, Nillable, Sort Description The number of emails that triggered an out of office reply for this contact in the day.
AllEmailsSentCount	Type int Properties Filter, Group, Nillable, Sort Description The number of emails sent to this contact in the day. This is a calculated field.
AllEmailsSoftBouncedCount	Type int

Field	Details
	Properties Filter, Group, Nillable, Sort Description The number of emails soft bounced for this contact in the day.
AllEmailsTrackedSentCount	Type int Properties Filter, Group, Nillable, Sort Description The number of emails sent to this contact with engagement tracking enabled in the day.
AllEmailsUntrackedSentCount	Type int Properties Filter, Group, Nillable, Sort Description The number of emails sent to this contact without engagement tracking enabled in the day.
AllTotalCallsCount	Type int Properties Filter, Group, Nillable, Sort Description The total number of calls to this contact with all call results in the day. This is a calculated field.
ContactId	Type reference Properties Filter, Group, Sort Description The ID of the related contact. This is a relationship field. Relationship Name Contact Relationship Type Lookup Refers To Contact

Field	Details
DailyCutOffTimeStamp	<p>Type dateTime</p> <p>Properties Filter, Sort</p> <p>Description The time of day when each 24-hour metrics period starts and ends.</p>
Date	<p>Type date</p> <p>Properties Filter, Group, Sort</p> <p>Description The date on which the engagement occurred.</p>
DateInt	<p>Type int</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description The date on which the engagement occurred, in yyyyymmdd format.</p>
HardBounceTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact with hard bounce tracking.</p>
InboundEngagementsCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of inbound engagements for this contact in the day. This field is a calculated field. The value is the sum of UniqueEmailsOpenedCount, UniqueEmailsRepliedCount, and UniqueEmailsLinkClickedCount. Available in API version 58.0 and later.</p>
IsLocked	<p>Type boolean</p>

Field	Details
	<p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the daily metric record is locked or not. The default value is <code>false</code>.</p>
LinkClickTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact with link click tracking.</p>
MayEdit	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the daily metric record can be edited or not. The default value is <code>false</code>.</p>
OpenTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact with open tracking.</p>
OutOfOfficeTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact with out-of-office tracking.</p>
OutboundEngagementsCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The number of outbound engagements for this contact in the day. This field is a calculated field. The value is the sum of <code>AllTotalCallsCount</code> and <code>AllEmailsDeliveredCount</code>.</p> <p>Available in API version 58.0 and later.</p>
<code>ReplyTrackableSends</code>	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The number of emails sent to this contact with reply tracking.</p>
<code>SoftBounceTrackableSends</code>	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The number of emails sent to this contact with soft bounce tracking.</p>
<code>TrackableSendHardBounceRate</code>	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent to this contact with hard bounce tracking that hard bounced. This field is a calculated field.</p>
<code>TrackableSendLinkClickRate</code>	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent to this contact with link tracking that had link clicks. This field is a calculated field.</p>
<code>TrackableSendOpenRate</code>	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p>

Field	Details
	Description The percentage of emails sent to this contact with open tracking that were opened by the recipient. This field is a calculated field.
TrackableSendOutOfOfficeRate	Type percent Properties Filter, Nillable, Sort Description The percentage of emails sent to this contact with out-of-office tracking that received out-of-office replies. This field is a calculated field.
TrackableSendReplyRate	Type percent Properties Filter, Nillable, Sort Description The percentage of emails sent to this contact with reply tracking that received replies. This field is a calculated field.
TrackableSendSoftBounceRate	Type percent Properties Filter, Nillable, Sort Description The percentage of emails sent to this contact with soft bounce tracking that soft bounced. This field is a calculated field.
UniqueEmailsLinkClickedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails in which the contact clicked a link in the day.
UniqueEmailsOpenedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails opened by the contact in the day.

Field	Details
UniqueEmailsRepliedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails replied to by the contact in the day.

ContactMonthlyMetric

Represents the monthly engagement metrics for a contact. This object is available in API version 52.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

Sales Engagement must be enabled.

Fields

Field	Details
AllCallsCallBackLater	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with the call result Call Back Later.
AllCallsLeftVoicemail	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with the call result Left Voicemail.
AllCallsMeaningfulConnect	Type int

Field	Details
	Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with the call result Meaningful Connect.
AllCallsNotInterested	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with the call result Not Interested.
AllCallsUncategorized	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with no call result specified.
AllCallsUnqualified	Type int Properties Filter, Group, Nillable, Sort Description The number of calls in the month for this contact with the call result Unqualified.
AllEmailsBouncedCount	Type int Properties Filter, Group, Nillable, Sort Description The total of hard and soft bounced emails for this contact in the month. This is a calculated field.
AllEmailsDeliveredCount	Type int Properties Filter, Group, Nillable, Sort Description The number of successfully delivered emails for this contact in the month. This is a calculated field.

Field	Details
AllEmailsHardBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of hard bounced emails for this contact in the month.</p>
AllEmailsOutOfOfficeCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails that triggered an out of office reply for this contact in the month.</p>
AllEmailsSentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact in the month. This is a calculated field.</p>
AllEmailsSoftBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails soft bounced for this contact in the month.</p>
AllEmailsTrackedSentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent to this contact with engagement tracking enabled in the month.</p>
AllEmailsUntrackedSentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	Description The number of emails sent to this contact without engagement tracking enabled in the month.
AllTotalCallsCount	Type int Properties Filter, Group, Nillable, Sort Description The total number of calls to this contact with all call results in the month. This is a calculated field.
ContactId	Type reference Properties Filter, Group, Sort Description The ID of the related contact. This is a relationship field. Relationship Name Contact Relationship Type Lookup Refers To Contact
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the monthly metric record is locked or not. The default value is <code>false</code> .
MayEdit	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the monthly metric record can be edited or not. The default value is <code>false</code> .

Field	Details
Month	Type date Properties Filter, Group, Sort Description The month in which the engagement occurred.
MonthInt	Type int Properties Filter, Group, idLookup, Sort Description The month in which the engagement occurred, in yyyy-mm format.
UniqueEmailsLinkClickedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails in which the contact clicked a link in the month.
UniqueEmailsOpenedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails opened by the contact in the month.
UniqueEmailsRepliedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of individual emails replied to by the contact in the month.

ContactPointAddress

Represents a contact's billing or shipping address, which is associated with an individual or person account. This object is available in API version 49.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActiveFromDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's address became active.</p>
ActiveToDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's address is no longer active.</p>
Address	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The full address.</p>
AddressFirstName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description First name associated with the address. This field is available in API version 57.0 and later.</p>
AddressLastName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>Last name associated with the address.</p> <p>This field is available in API version 57.0 and later.</p>
AddressMiddleName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Middle name associated with the address.</p> <p>This field is available in API version 57.0 and later.</p>
AddressType	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Indicates the type of address.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Billing • Shipping
BestTimeToContactEndTime	<p>Type</p> <p>time</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The latest time to contact the individual.</p>
BestTimeToContactStartTime	<p>Type</p> <p>time</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The earliest time to contact the individual.</p>
BestTimeToContactTimezone	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field	Details
	Description The timezone applied to the best time to contact the individual.
City	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The address city.
CompanyName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Company name associated with the address. This field is available in API version 57.0 and later.
ContactPointPhoneId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Represents the primary phone number associated with this address. This is a relationship field. Relationship Name ContactPointPhone Relationship Type Lookup Refers To ContactPointPhone
Country	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The address country.
GeocodeAccuracy	Type picklist

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The level of accuracy of a location's geographical coordinates compared with its physical address. A geocoding service typically provides this value based on the address's latitude and longitude coordinates.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Address • Block • City • County • ExtendedZip • NearAddress • Neighborhood • State • Street • Unknown • Zip
IsDefault	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's address is the preferred method of communication (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
IsPrimary	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's address is their primary address (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
IsThirdPartyAddress	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field	Details
	<p>Description</p> <p>Indicates whether the address is associated with a third party (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p> <p>This field is available in API version 57.0 and later.</p>
<code>LastReferencedDate</code>	<p>Type</p> <p><code>dateTime</code></p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp for when the current user last referenced a record related to this record.</p>
<code>LastViewedDate</code>	<p>Type</p> <p><code>dateTime</code></p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
<code>Latitude</code>	<p>Type</p> <p><code>double</code></p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>Used with <code>Longitude</code> to specify the precise geolocation of the address. Acceptable values are numbers between <code>-90</code> and <code>90</code> with up to 15 decimal places.</p>
<code>Longitude</code>	<p>Type</p> <p><code>double</code></p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>Used with <code>Latitude</code> to specify the precise geolocation of the address. Acceptable values are numbers between <code>-180</code> and <code>180</code> with up to 15 decimal places.</p>
<code>Name</code>	<p>Type</p> <p><code>string</code></p> <p>Properties</p> <p>Create, Filter, Group, idLookup, Sort, Update</p> <p>Description</p> <p>Required. The name of the contact point address record.</p>

Field	Details
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the account's owner associated with this contact. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the contact's parent record. Only an individual or account can be a contact's parent. This is a polymorphic relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Individual</p>
PhoneNumber	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Phone number associated with the address. This field is available in API version 57.0 and later.</p>
PostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	Description The address postal code.
PreferenceRank	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description Preference rank when there are multiple contact point addresses.
State	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The address state.
Street	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The address street.
UsageType	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description Specify the usage type of this address. For instance, whether it's a work address or a home address. Possible values are: <ul style="list-style-type: none">• Home• Inactive• Temporary• Work

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ContactPointAddressChangeEvent

Change events are available for the object.

ContactPointAddressHistory

History is available for tracked fields of the object.

ContactPointAddressShare

Sharing is available for the object.

ContactPointConsent

Represents a customer's consent to be contacted via a specific contact point, such as an email address or phone number. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

With certain page layout and field-level security settings, some fields aren't visible or editable.

Field	Details
BusinessBrandId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the Business Brand that the individual has given consent to for a contact point. This is a relationship field. This field is available in API version 53.0 and later.</p> <p>Relationship Name BusinessBrand</p> <p>Relationship Type Lookup</p> <p>Refers To BusinessBrand</p>
CaptureContactPointType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Required. Indicates how you captured consent. Possible values are:</p>

Field	Details
	<ul style="list-style-type: none"> Email MailingAddress Phone Social Web
CaptureDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Required. Date when consent was captured.</p>
CaptureSource	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Required. Indicates how you captured consent. For example, a website or online form.</p>
ContactPointId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the contact point record through which the customer is consenting to be contacted. This is a polymorphic relationship field.</p> <p>Relationship Name ContactPoint</p> <p>Relationship Type Lookup</p> <p>Refers To ContactPointAddress, ContactPointEmail, ContactPointPhone</p>
DataUsePurposeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the data use purpose record that you want to associate this consent with. This is a relationship field.</p>

Field	Details
	Relationship Name DataUsePurpose
	Relationship Type Lookup
	Refers To DataUsePurpose
DoubleConsentCaptureDate	Type dateTime
	Properties Create, Filter, Nillable, Sort, Update
	Description Date when double opt-in was captured.
EffectiveFrom	Type dateTime
	Properties Create, Filter, Nillable, Sort, Update
	Description Date when consents starts.
EffectiveTo	Type dateTime
	Properties Create, Filter, Nillable, Sort, Update
	Description Date when consent ends.
EngagementChannelTypeId	Type reference
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description ID of the engagement channel record through which the customer is consenting to be contacted.
LastReferencedDate	Type dateTime
	Properties Filter, Nillable, Sort

Field	Details
	Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the contact point type consent record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description ID of the account owner associated with this customer. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PartyRoleId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The ID of the Party Role for the individual you want to associate consent with. This is a polymorphic relationship field. This field is available in API version 53.0 and later. Relationship Name PartyRole

Field	Details
	<div>Relationship Type</div> <div>Lookup</div> <div>Refers To</div> <div>Customer, Seller</div>
PrivacyConsentStatus	<div>Type</div> <div>picklist</div> <div>Properties</div> <div>Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</div> <div>Description</div> <div>Required. Identifies whether the individual or person account associated with this record agrees to this form of contact.</div> <div>Possible values are:</div> <div><ul style="list-style-type: none">NotSeenOptInOptInPending—Available in API version 58.0 and later.OptOutOptInPending—Available in API version 58.0 and later.Seen</div>

Associated Objects

This object has the following associated objects. If the API version isn’t specified, they’re available in the same API versions as this object. Otherwise, they’re available in the specified API version and later.

ContactPointConsentChangeEvent

Change events are available for the object.

ContactPointConsentHistory

History is available for tracked fields of the object.

ContactPointConsentOwnerSharingRule

Sharing rules are available for the object.

ContactPointConsentShare

Sharing is available for the object.

ContactPointEmail

Represents a contact’s email, which is associated with an individual or person account. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActiveFromDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's email became active.</p>
ActiveToDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's email is no longer active.</p>
BestTimeToContactEndTime	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The latest time to contact the individual.</p>
BestTimeToContactStartTime	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The earliest time to contact the individual.</p>
BestTimeToContactTimezone	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The timezone applied to the best time to contact the individual.</p>

Field	Details
EmailAddress	<p>Type email</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The email address of the contact.</p>
EmailDomain	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The domain of the contact's email, which is everything after the @ sign.</p>
EmailLatestBounceDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The date and time when an email failed to reach its recipient.</p>
EmailLatestBounceReasonText	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The reason why the email didn't reach its recipient.</p>
EmailMailBox	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A subset of the contact's email, which is everything before the @ sign.</p>
IsPrimary	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's email is their primary email (<code>true</code>) or not (<code>false</code>).</p>

Field	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p> <p>Description Required. The name of the contact point email record.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the account's owner associated with this contact. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description The ID of the contact's parent. Only an individual or account can be a contact's parent. This is a polymorphic relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Individual</p>
UsageType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specify the usage type of this email. For instance, whether it's a work email or a temporary email. Possible values are:</p> <ul style="list-style-type: none"> • Home • Temp • Work

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ContactPointConsentChangeEvent](#)

Change events are available for the object.

[ContactPointEmailHistory](#)

History is available for tracked fields of the object.

[ContactPointEmailOwnerSharingRule](#)

Sharing rules are available for the object.

[ContactPointEmailShare](#)

Sharing is available for the object.

ContactPointPhone

Represents a contact's phone number, which is associated with an individual or person account. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ActiveFromDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's phone number became active.</p>
ActiveToDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date when the contact's phone number is no longer active.</p>
AreaCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The area code of the phone number's location for the contact.</p>
BestTimeToContactEndTime	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The latest time to contact the individual.</p>
BestTimeToContactStartTime	<p>Type time</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The earliest time to contact the individual.</p>

Field	Details
BestTimeToContactTimezone	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The timezone applied to the best time to contact the individual.</p>
ExtensionNumber	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The phone number extension for the contact.</p>
FormattedInternationalPhoneNumber	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The internationally recognized format for the contact's phone number.</p>
FormattedNationalPhoneNumber	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The nationally recognized format for the contact's phone number.</p>
IsBusinessPhone	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's phone number is a business number (<code>true</code>) or not (<code>false</code>).</p>
IsFaxCapable	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's phone number is a fax number (<code>true</code>) or not (<code>false</code>).</p>

Field	Details
IsPersonalPhone	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's phone number is a personal number (<code>true</code>) or not (<code>false</code>).</p>
IsPrimary	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's phone number is their primary number (<code>true</code>) or not (<code>false</code>).</p>
IsSmsCapable	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether a contact's phone number can receive text messages (<code>true</code>) or not (<code>false</code>).</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p>

Field	Details
	Description Required. The name of the contact point phone record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the account's owner associated with this contact. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The ID of the contact's parent. Only an individual or account can be a contact's parent. This is a polymorphic relationship field. Relationship Name Parent Relationship Type Lookup Refers To Account, Individual
PhoneType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The type of phone number for the contact. Possible values are: <ul style="list-style-type: none"> • Home • Mobile

Field	Details
PreferenceRank	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specify how this phone numbers ranks in terms of preference among the contact's other phone numbers.</p>
TelephoneNumber	<p>Type phone</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The phone number for the contact.</p>
UsageType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specify the usage type of this number. For instance, whether it's a work phone or a home phone. Possible values are:</p> <ul style="list-style-type: none"> • Home • Temp • Work

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ContactPointConsentChangeEvent](#)

Change events are available for the object.

[ContactPointPhoneHistory](#)

History is available for tracked fields of the object.

[ContactPointPhoneOwnerSharingRule](#)

Sharing rules are available for the object.

[ContactPointPhoneShare](#)

Sharing is available for the object.

ContactPointTypeConsent

Represents consent for a contact point type, such as email or phone. This object is available in API version 45.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object is available if Data Protection and Privacy is enabled.

Fields

With certain page layout and field-level security settings, some fields aren't visible or editable.

Field Name	Details
BusinessBrandId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the Business Brand that the individual has given consent to for a contact point type. this is a relationship field. This field is available in API version 53.0 and later.</p> <p>Relationship Name BusinessBrand</p> <p>Relationship Type Lookup</p> <p>Refers To BusinessBrand</p>
CaptureContactPointType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Required. Indicates how you captured consent. Possible values are:</p> <ul style="list-style-type: none">• Email• MailingAddress• Phone• Social

Field Name	Details
	<ul style="list-style-type: none"> Web
CaptureDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Required. Date when consent was captured.</p>
CaptureSource	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Required. Indicates how you captured consent. For example, a website or online form.</p>
ContactPointType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Required. Represents the contact method you want to apply consent to. Possible values are:</p> <ul style="list-style-type: none"> Email MailingAddress Phone Social Web
DataUsePurposeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Represents the record for data use purpose that you want to associate this consent with. This is a relationship field.</p> <p>Relationship Name DataUsePurpose</p>

Field Name	Details
	Relationship Type Lookup Refers To DataUsePurpose
DoubleConsentCaptureDate	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description Date when double opt-in was captured.
EffectiveFrom	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description Date when consents starts.
EffectiveTo	Type dateTime Properties Create, Filter, Nillable, Sort, Update Description Date when consent ends.
EngagementChannelType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Required if a <code>ContactPointType</code> isn't selected. Represents the contact method you want to apply consent to. Possible values are: <ul style="list-style-type: none">• Billboard• Email• MailingAddress• Phone• SMS• Social• Web

Field Name	Details
	<p>This is a relationship field.</p> <p>Relationship Name EngagementChannelType</p> <p>Relationship Type Lookup</p> <p>Refers To EngagementChannelType</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Name of the contact point type consent record.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the owner of the account associated with this customer. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p>

Field Name	Details
	Relationship Type Lookup
	Refers To Group, User
PartyId	Type reference
	Properties Create, Filter, Group, Sort, Update
	Description Required. Represents the record based on the Individual object you want to associate consent with. This is a relationship field.
	Relationship Name Party
	Relationship Type Lookup
	Refers To Individual
PartyRoleId	Type reference
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description The ID of the Party Role for the individual you want to associate consent with. This is a polymorphic relationship field. This field is available in API version 53.0 and later.
	Relationship Name PartyRole
	Relationship Type Lookup
	Refers To Customer, Seller
PrivacyConsentStatus	Type picklist
	Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update

Field Name	Details
	Description Required. Identify whether the individual associated with this record agrees to this form of contact. Possible values are: <ul style="list-style-type: none"> • NotSeen • Seen • OptIn • OptInPending—Available in API version 58.0 and later. • OptOut • OptOutPending—Available in API version 58.0 and later.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ContactPointConsentChangeEvent (API version 47.0)

Change events are available for the object.

ContactPointTypeConsentHistory

History is available for tracked fields of the object.

ContactPointTypeConsentOwnerSharingRule

Sharing rules are available for the object.

ContactPointTypeConsentShare

Sharing is available for the object.

ContactOwnerSharingRule

Represents the rules for sharing a contact with a User other than the owner.




Note: To enable access to this object for your org, contact Salesforce customer support. However, we recommend that you instead use Metadata API to programmatically update owner sharing rules because it triggers automatic sharing rule recalculation. The [SharingRules](#) Metadata API type is enabled for all orgs.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
ContactAccessLevel	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description A value that represents the type of access granted to the target Group, UserRole, or User for Contacts. The possible values are:</p> <ul style="list-style-type: none"> • Read • Edit
Description	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description A description of the sharing rule. Maximum size is 1000 characters. This field is available in API version 29.0 and later.</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Corresponds to Rule Name in the user interface.</p> <p>This field is available in API version 24.0 and later.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance may slow while Salesforce generates one for each record.</p>
GroupId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p>

Field	Details
	Description The ID representing the source group. A Contact owned by a User in the source Group triggers the rule to give access.
Name	Type string Properties Create, Filter, Group, Sort, Update Description Label of the sharing rule as it appears in the user interface. Limited to 80 characters. Corresponds to Label on the user interface.
UserOrGroupId	Type reference Properties Create, Filter, Group, Sort Description The ID representing the User or Group being granted access.

Usage

Use this object to manage the sharing rules for contacts.

SEE ALSO:

[Contact](#)

[ContactShare](#)

[Metadata API Developer Guide: SharingRules](#)

ContactRequest

Represents a customer's request for support to get back to them about an issue. This object is available in API version 45.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field Name	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The contact request number.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the Salesforce record that owns the request. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Field Name	Details
PreferredChannel	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The channel the customer selected as their preferred method of communication in the contact request flow. For example:</p> <ul style="list-style-type: none">• Phone
PreferredPhone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The phone number the customer provided when requesting help in the contact request flow.</p>
RequestDescription	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The description of the customer's issue that they provided when requesting help in the contact request flow.</p>
RequestReason	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Sort, Update</p> <p>Description The reason the customer provided when requesting help in the contact request flow. These values are customizable in Object Manager. The default values are:</p> <ul style="list-style-type: none">• Account• Billing• Case• General• Order• Other• Product

Field Name	Details
Status	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The status of the contact request. For example:</p> <ul style="list-style-type: none">• Abandoned• Attempted• Contacted• New
WhatId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the Salesforce record the contact request is related to, such as an account, case, opportunity, or work order. This is a polymorphic relationship field.</p> <p>Relationship Name What</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Case, Opportunity, WorkOrder</p>
WhoId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the Salesforce contact record the contact request is related to, such as a contact, lead, or user. This is a polymorphic relationship field.</p> <p>Relationship Name Who</p> <p>Relationship Type Lookup</p> <p>Refers To Contact, Lead, User</p>

Usage

Contact request records are created when a customer fills out an online form. This form is created using a flow that uses the type `ContactRequestFlow`. There's a guided setup experience to create this flow on the Customer Contact Requests page in Setup. You then add the flow to an Experience Cloud site using either the Flows component or the Contact Request Button & Flow component.

Contact Request works in Experience Cloud sites, whether they require authentication or not. Make sure that your users have the Run Flows permission, including your Guest User profile. Without this permission, members won't see the button or the form to submit contact requests.

By default, all Standard User and System Administrator profiles have access to the object. Make sure that your users profiles, like service agents, have at least read access on the contact request object.

You can create queues for contact requests and route them with Omni-Channel.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

ContactRequestOwnerSharingRule

Sharing rules are available for the object.

ContactRequestShare

Sharing is available for the object.

SEE ALSO:

[Salesforce Help: Set Up and Manage Contact Requests](#)

ContactRequestShare

Represents a list of access levels to a `ContactRequest` with an explanation of the access level. This object is available in API version 45.0 and later.

You can only create, edit, and delete sharing entries for standard objects whose `RowCause` field is set to `Manual`. Sharing entries for standard objects with different `RowCause` values are created as a result of your Salesforce org's sharing configuration and are read-only. For some sharing mechanisms, such as sharing sets, sharing entries aren't stored at all.



Note: While Salesforce currently maintains read-only sharing entries for multiple sharing mechanisms, it's possible that we'll stop storing certain share records to improve performance. As a best practice, don't create customizations that rely on the availability of these sharing entries. Any changes to sharing behavior will be communicated before they occur.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field Name	Details
AccessLevel	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Level of access that the User or Group has to contact requests. The possible values are:</p> <ul style="list-style-type: none"> • Read • Edit • All (This value is not valid for <code>create()</code> or <code>update()</code> calls.) <p>This value must be set to an access level that is higher than the organization's default access level for contact requests.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the parent object, if any. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To ContactRequest</p>
RowCause	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Reason that this sharing entry exists. If you're creating a sharing entry, the only permitted value is <code>Manual</code>. If no value is specified, the field defaults to <code>Manual</code>. All other <code>RowCause</code> values are read-only. After the sharing entry is created, this field can't be edited. Possible values are:</p> <ul style="list-style-type: none"> • <code>Manual</code>—The User or Group has access because a user with "All" access manually shared the ContactRequest with them.

Field Name	Details
	<ul style="list-style-type: none"> • Owner—The User is the owner of the ContactRequest. • Rule—The User or Group has access via a ContactRequest sharing rule. • GuestRule—The User or Group has access via a ContactRequest guest user sharing rule.
UserOrGroupId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the User or Group that has been given access to the ContactRequest. This is a polymorphic relationship field.</p> <p>Relationship Name UserOrGroup</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Usage

This object lets you determine which users and groups can view and edit ContactRequest records owned by other users.

If you attempt to create a new record that matches an existing record, the `create()` call updates any modified fields and returns the existing record.

SEE ALSO:

[Salesforce Help: Set Up and Manage Contact Requests](#)

ContactShare

Represents a list of access levels to a Contact along with an explanation of the access level. For example, if you have access to a record because you own it, the `ContactAccessLevel` is `All` and `RowCause` is `Owner`.

You can only create, edit, and delete sharing entries for standard objects whose `RowCause` field is set to `Manual`. Sharing entries for standard objects with different `RowCause` values are created as a result of your Salesforce org's sharing configuration and are read-only. For some sharing mechanisms, such as sharing sets, sharing entries aren't stored at all.



Note: While Salesforce currently maintains read-only sharing entries for multiple sharing mechanisms, it's possible that we'll stop storing certain share records to improve performance. As a best practice, don't create customizations that rely on the availability of these sharing entries. Any changes to sharing behavior will be communicated before they occur.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

As of Summer '20 and later, only users with access to the Contact object can access this object.

Fields

Field	Details
<code>ContactId</code>	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the Contact associated with this sharing entry. This field can't be updated. This is a relationship field.</p> <p>Relationship Name Contact</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
<code>ContactAccessLevel</code>	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description Level of access that the User or Group has to cases associated with the account Contact. The possible values are:</p> <ul style="list-style-type: none"> • Read • Edit • All This value is not valid for create or update. <p>This field must be set to an access level that is higher than the organization's default access level for contacts.</p>
<code>IsDeleted</code>	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p>

Field	Details
	<p>Description</p> <p>Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
RowCause	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description</p> <p>Reason that this sharing entry exists. If you're creating a sharing entry, the only permitted value is <code>Manual</code>. If no value is specified, the field defaults to <code>Manual</code>. All other <code>RowCause</code> values are read-only. After the sharing entry is created, this field can't be edited. Valid values include:</p> <ul style="list-style-type: none"> • <code>Rule</code>—The User or Group has access via a Contact sharing rule. • <code>GuestRule</code>—The User or Group has access via a Contact guest user sharing rule. • <code>ImplicitChild</code>—The User or Group has access to the Contact via sharing access on the associated Account. After faster account sharing recalculation is enabled for your org, sharing entries with this value aren't returned in queries. Instead of storing implicit child shares, record access is determined dynamically. • <code>ImplicitPerson</code>—The User or Group has access to the business contact of a person account via access to the person account itself. • <code>GuestPersonImplicit</code>—The guest user has access to the business contact of a person account via a Contact sharing rule. • <code>PortalImplicit</code>—The Contact is associated with the portal user. • <code>LpuImplicit</code>—The User has access to records owned by high-volume Experience Cloud site users via a share group. • <code>ARImplicit</code>—The User, who belongs to a partner or customer account, has access to the Contact via an account relationship data sharing rule. • <code>Manual</code>—The User or Group has access because a User with "All" access manually shared the Contact with them. • <code>Owner</code>—The User is the owner of the Contact.
UserOrGroupId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>ID of the User or Group that has been given access to the Contact. This field can't be updated. This is a polymorphic relationship field.</p> <p>Relationship Name</p> <p>UserOrGroup</p>

Field	Details
	Relationship Type Lookup
	Refers To Group, User

Usage

This object allows you to determine which users and groups can view or edit Contact records owned by other users.



Note: After faster account sharing recalculation is enabled for your org, we no longer store implicit share records between accounts and their child contact records. Sharing entries that have a value of `ImplicitChild` in the `RowCause` field aren't returned when you query this object. Instead, the system dynamically determines whether users can access child contact records when they try to access them. This change speeds up ownership and sharing recalculation for accounts.

For more information, see the [Faster Account Sharing Recalculation](#) knowledge article.

SEE ALSO:

[AccountShare](#)

ContactSuggestionInsight

Represents a suggestion for a new contact record. Available in API versions 45.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`


Special Access Rules

To add or decline contact suggestions, users need a Sales Cloud Einstein license and edit access on accounts. As of the Spring '20 release, Pardot and Sales Engagement users no longer have access to this object.

Fields

Field Name	Details
<code>AccountId</code>	Type reference
	Properties Filter, Group, Sort
	Description The ID of the related account.

Field Name	Details
Address	Type address Properties Filter, Nillable Description The address of the suggested contact.
City	Type string Properties Filter, Group, Nillable, Sort Description The city of the suggested contact.
ContactTitle	Type string Properties Filter, Group, Nillable, Sort Description The title of the suggested contact.
Country	Type string Properties Filter, Group, Nillable, Sort Description The country of the suggested contact.
CreatedRecordId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the created contact record.
CurrencyIsoCode	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort

Field Name	Details
	Description Available only for orgs with the multicurrency feature enabled. Contains the ISO code for any currency allowed by the organization.
Division	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort Description The division of the suggested contact.
Email	Type email Properties Filter, Group, Nillable, Sort Description The email address of the suggested contact.
FirstName	Type string Properties Filter, Group, Nillable, Sort Description The first name of the suggested contact.
GeocodeAccuracy	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Accuracy level of the geocode for the address. See Compound Field Considerations and Limitations for details on geolocation compound fields.  Note: This field is available in the API only.
LastName	Type string Properties Filter, Group, Sort Description The last name of the suggested contact.

Field Name	Details
LastOperationUserId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the user who last performed a related operation.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>
Latitude	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Used in conjunction with <code>Longitude</code> to specify the precise geolocation of an address.</p>
Longitude	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Used in conjunction with <code>Latitude</code> to specify the precise geolocation of an address.</p>
Phone	<p>Type phone</p>

Field Name	Details
	Properties Filter, Group, Nillable, Sort Description The phone number of the suggested contact.
PostalCode	Type string Properties Filter, Group, Nillable, Sort Description The postal code of the suggested contact.
RationaleLabel	Type string Properties Filter, Group, Nillable, Sort Description The reason why this entry is a suggested contact.
State	Type string Properties Filter, Group, Nillable, Sort Description The state of the suggested contact.
Status	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The status of the suggested contact. Possible values include: <ul style="list-style-type: none">• New• Pending• Added• Declined
Street	Type textarea Properties Filter, Group, Nillable, Sort

Field Name	Details
	Description The street of the suggested contact.

Usage

This object is read-only and isn't supported in workflows, triggers, process builder, or Visualforce pages.

ContactTag

Associates a word or short phrase with a Contact.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ItemId	Type reference Properties Create, Filter Description ID of the tagged item.
Name	Type string Properties Create, Filter Description Name of the tag. If this value does not already exist, a new TagDefinition is created and becomes the parent of this Tag object. Otherwise, a TagDefinition with the same name becomes the parent of this Tag object. Parent relationships are created automatically.
TagDefinitionId	Type reference Properties Filter Description ID of the parent TagDefinition object that owns the tag.

Field Name	Details
Type	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Restricted picklist</p> <p>Description</p> <p>Defines the visibility of a tag.</p> <p>Valid values:</p> <ul style="list-style-type: none"> • <code>Public</code>—The tag can be viewed and manipulated by all users in an organization. • <code>Personal</code>—The tag can be viewed or manipulated only by a user with a matching <code>OwnerId</code>.


Usage

ContactTag stores the relationship between its parent TagDefinition and the Contact being tagged. Tag objects act as metadata, allowing users to describe and organize their data.

When a tag is deleted, its parent TagDefinition will also be deleted if the name is not being used; otherwise, the parent remains. Deleting a TagDefinition sends it to the Recycle Bin, along with any associated tag entries.

ContentAsset

Represents a Salesforce file that has been converted to an asset file in a custom app in Lightning Experience. Use asset files for org setup and configuration. Asset files can be packaged and referenced by other components. This object is available in API version 38.0 and later.

 **Important:** Where possible, we changed noninclusive terms to align with our company value of Equality. Because changing terms in our code can break current implementations, we maintained this object's name.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Only admin users can edit or delete ContentAssets.
- Users with file access can create and query ContentAssets.
- It isn't necessary to create asset files for regular, collaborative use of Salesforce Files. "Assetize" files only when they're used in setup and configuration situations.
- Neither the file (ContentDocument) nor the asset settings record (ContentAssets) can be deleted if the asset file is referenced by another component.
- ContentAsset doesn't support search or most recently used (MRU) lists.
- ContentAsset doesn't support Apex triggers.

Fields

Field	Details
ContentDocumentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the document. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDocument</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name of the asset file in the API. ContentAsset.DeveloperName:</p> <ul style="list-style-type: none"> • must be 40 characters or fewer • must begin with a letter • can contain only underscores and alphanumeric characters • can't include spaces • can't end with an underscore • can't contain 2 consecutive underscores <p>In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization.</p>
IsVisibleByExternalUsers	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether unauthenticated users can see the asset file.</p>
Language	<p>Type picklist</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The language for this document. This field defaults to the user's language unless the org is multi-language enabled. Specifies the language of the labels returned. The value must be a valid user locale (language and country), such as <code>de_DE</code> or <code>en_GB</code>. For more information on locales, see the <code>Language</code> field on the <code>CategoryNodeLocalization</code> object.</p>
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The label for the asset file. This internal label doesn't get translated.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The namespace prefix associated with this object. Each Developer Edition organization that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p>

ContentBody

Represents the body of a file in Salesforce CRM Content or Salesforce Files. This object is available in API version 40.0 and later.

Supported Calls

`describeSObjects()`

Special Access Rules

Cannot be queried, inserted, updated, or deleted directly.

Fields

Field	Details
Id	Type ID Properties , Filter, Group, idLookup, Sort Description ID of the file body.

Usage

ContentBody is intended for internal Salesforce use. If you need to access the file content body, please use ContentVersion.

ContentDistribution

Represents information about sharing a document externally. This object is available in API version 32.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

- Content deliveries must be enabled to query content deliveries.
- Users (including users with the “View All Data” permission) can query only the files that they have access to. If the file is managed by a Content Library, the user must have “Deliver Content” enabled in the library permission definition and be a member of the library. If the file isn’t managed by a Content Library, the user must have the “Enable Creation of Content Deliveries for Salesforce Files” permission.
- Users can query the `DistributionPublicUrl` and `Password` fields only if they are the file owner, if the file is shared with them, or if the `RelatedRecordId` specifies a record that the users can access.
- If the shared document is deleted, the delete cascades to any associated ContentDistribution. The ContentDistribution is still queryable by using the `QueryAll` verb.
- If the shared document is archived, the only fields that users can edit are `ExpiryDate` and `PreferencesExpires`.
- Customer Portal users can’t access this object.
- Chatter Free users can’t access this object.

Fields

Field Name	Details
ContentDocumentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the shared document.</p>
ContentDownloadUrl	<p>Type string</p> <p>Properties Sort, Nillable</p> <p>Description The link for downloading the file. This field is available in API version 40.0 and later.</p>
ContentVersionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the shared document version. This is a relationship field.</p> <p>Relationship Name ContentVersion</p> <p>Relationship Type Lookup</p> <p>Refers To ContentVersion</p>
DistributionPublicUrl	<p>Type string</p> <p>Properties Nillable, Sort</p> <p>Description URL of the link to the shared document.</p>
ExpiryDate	<p>Type dateTime</p>

Field Name	Details
	Properties Create, Filter, Nillable, Sort, Update Description Date when the shared document becomes inaccessible.
FirstViewDate	Type dateTime Properties Filter, Nillable, Sort Description Date when the shared document is first viewed.
LastViewDate	Type dateTime Properties Filter, Nillable, Sort Description Date when the shared document was last viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the content delivery.
OwnerId	Type reference Properties Create, Filter, Group, Sort, Update Description ID of the user who owns the shared document. This is a relationship field. Relationship Name Owner Relationship Type Lookup Refers To User

Field Name	Details
PdfDownloadUrl	<p>Type string</p> <p>Properties Sort, Nillable</p> <p>Description The link for downloading the file as a PDF. This field is available in API version 40.0 and later.</p>
Password	<p>Type string</p> <p>Properties Group, Nillable, Sort</p> <p>Description A password that allows access to a shared document.</p>
PreferencesAllowOriginalDownload	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, the shared document can be downloaded as the file type that it was uploaded as. When <code>false</code>, download availability depends on whether a preview of the file exists. If a preview exists, the file can't be downloaded. If a preview doesn't exist, the file can still be downloaded. If the shared document is a link, it can't be downloaded.</p>
PreferencesAllowPDFDownload	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, the shared document can be downloaded as a PDF if the original file type is PDF or if a PDF preview has been generated.</p>
PreferencesAllowViewInBrowser	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, a preview of the shared document can be viewed in a Web browser.</p>

Field Name	Details
PreferencesExpires	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, access to the shared document expires on the date that's specified by <code>ExpiryDate</code>.</p>
PreferencesLinkLatestVersion	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, users see the most recent version of a shared document. When <code>false</code>, users see the version of the document that's shared, even if it isn't the most recent version.</p>
PreferencesNotifyOnVisit	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, the owner of the shared document is emailed the first time that someone views or downloads the shared document.</p>
PreferencesNotifyRndtnComplete	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, the owner of the shared document is emailed when renditions of the shared document that can be previewed in a Web browser are generated.</p>
PreferencesPasswordRequired	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description When <code>true</code>, a password, specified by <code>Password</code>, is required to access the shared document.</p>

Field Name	Details
RelatedRecordId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the record, such as an Account, Campaign, or Case, that the shared document is related to. This is a polymorphic relationship field.</p> <p>Relationship Name RelatedRecord</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Campaign, Case, Contact, EmailMessage, Lead, ListEmail, Opportunity</p>
ViewCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of times that the shared document has been viewed.</p>

Usage

Use this object to create, update, delete, or query information about a document shared externally via a link or via Salesforce CRM Content delivery.

The ContentDistribution object supports triggers before and after these operations: insert, update, delete. It supports triggers after undelete.



Example: The VP of Marketing wants file authors to specify whether their files can be shared with external people using content delivery. He also wants some files to have a password. You can add a custom field `DeliveryPolicy` on the ContentVersion object. Make the custom field a picklist with the values, `Allowed`, `Blocked`, and `Password required`. Add the field to the ContentVersion layout so that the user can set the delivery policy per file. Then, add an insert trigger for the ContentDistribution object to enforce the rules based on the delivery policy set in the file.



Note: The `ContentVersionId` for ContentDistribution must be unique.

This trigger for the ContentDistribution object enforces the delivery policy rules for each file:

```
trigger deliveryPolicy on ContentDistribution (before insert) {
    for (ContentDistribution cd : trigger.new) {
        String versionId = DeliveryPolicyHelper.getContentVersionId(cd);
        ContentVersion version = [select DeliveryPolicy__c from ContentVersion where
Id = :versionId];
```

```
String policy = version.DeliveryPolicy__c;
if (policy.equals('Blocked')) {
    cd.addError('This file is not allowed to be delivered.');
```

```
    } else if (policy.equals('Password required')) {
        if (!DeliveryPolicyHelper.requirePassword(cd)) {
            cd.addError('To deliver this file, set a password.');
```

```
        }
    }
}
```

The trigger calls this helper class:

```
public class DeliveryPolicyHelper {
    public static String getContentVersionId(ContentDistribution cd) {
        if (cd.ContentVersionId != null) {
            return cd.ContentVersionId;
        } else {
            String versionId = [select LatestPublishedVersionId from ContentDocument
where Id = :cd.ContentDocumentId].get(0).LatestPublishedVersionId;
            return versionId;
        }
    }

    public static boolean requirePassword(ContentDistribution cd) {
        return cd.PreferencesPasswordRequired;
    }
}
```



Important: Apex has a per organization limit of 10 concurrent requests that last longer than 5 seconds. A trigger that uploads files can easily hit this limit.

ContentDistributionView

Represents information about views of a shared document. This read-only object is available in API version 32.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`

Special Access Rules

- Content deliveries must be enabled to query content deliveries.
- Users (including users with the “View All Data” permission) can query only the files that they have access to. If the file is managed by a Content Library, the user must have “Deliver Content” enabled in the library permission definition and be a member of the library. If the file isn’t managed by a Content Library, the user must have the “Enable Creation of Content Deliveries for Salesforce Files” permission.
- ContentDistributionView can be deleted by an admin.
- If the shared document is deleted, the delete cascades to any associated ContentDistributionView. The ContentDistributionView is still queryable by using the `QueryAll` verb.

- Customer Portal users can't access this object.
- Chatter Free users can't access this object.

Fields

Field Name	Details
DistributionId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the content delivery that the document is part of. This is a relationship field.</p> <p>Relationship Name Distribution</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDistribution</p>
IsDownload	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description <code>true</code> if the shared document is downloaded; <code>false</code> if the shared document is viewed.</p>
IsInternal	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description <code>true</code> if the shared document is viewed by a user in the same organization; <code>false</code> if viewed by an external user.</p>
ParentViewId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of this instance of accessing the shared document.</p>

Usage

Use this read-only object to query information about users who are accessing shared documents.

ContentDocument

Represents a document that has been uploaded to a library in Salesforce CRM Content or Salesforce Files. This object is available in versions 17.0 and later for Salesforce CRM Content. This object is available in API version 21.0 and later for Salesforce Files.

The maximum number of documents that can be published is 30,000,000. Archived files count toward this limit and toward storage usage limits.

- Contact Manager, Group, Professional, Enterprise, Unlimited, and Performance Edition customers can publish a maximum of 200,000 new versions per 24-hour period.
- Developer Edition and trial users can publish a maximum of 2,500 new versions per 24-hour period.

Supported Calls

`delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`

Special Access Rules

- By default, users (including users with the View All Data permission) can only query files they have access to, including:
 - Salesforce Files in their personal library and in libraries they're a member of, regardless of library permissions (API version 17.0 and later).
 - Salesforce Files they own, shared directly with them, posted on their profile, or posted on groups they can see (API version 21.0 and later).


Enable the Query All Files permission to let your View All Data users bypass the restrictions on querying files.


- Query All Files returns all files, including files in non-member libraries and files in unlisted groups.
- Users can't edit, upload new versions, or delete files they don't have access to.
- View All Data permission is required to enable Query All Files.
- Customer and Partner Portal users must have the View Content in Portal permission to query content in libraries where they have access.
- A Salesforce CRM Content document can be deleted if any of the following are true:
 - The document is published into a personal library or is in the user's upload queue.
 - The document is published into a public library, the user trying to delete the document is the file owner, and is a member of that library.
 - The document is published into a public library and the user trying to delete the document is not the owner but has the Manage Library or Delete Content library permission enabled.

For API version 25.0 and later, you can change ownership of Salesforce Files and Salesforce CRM Content documents.

- A user can change ownership of a Salesforce CRM Content document or Salesforce file if any of the following are true:
 - The user is the current owner.
 - The user has either the Modify All Data or Manage Salesforce CRM Content permission enabled.

- For a file in a Content Library, the user has the Manage Library permission enabled for the library containing the document.

 **Note:** When the owner of a ContentDocument is changed, [ContentDocumentLink](#) may be triggered. This action deletes the ContentDocumentLink to the old owner and inserts one to the new owner.

-  **Note:**
- The user who is becoming the owner of the document must be a visible user who is active, but the original owner can be inactive.
 - A document's owner can be changed to a user who doesn't have access to the library that contains the document. Library administrators must give the new owner membership to the library.

Fields

Field	Details
ArchivedById	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the user who archived the document. This field is available in API version 24.0 and later.</p>
ArchivedDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The date when the document was archived. This field is available in API version 24.0 and later.</p>
ContentAssetId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description If the ContentDocument is an asset file, this field points to the asset. For most entities, the value of this field is null. This field is available in API version 38.0 and later. This is a relationship field.</p> <p>Relationship Name ContentAsset</p>

Field	Details
	Relationship Type Lookup Refers To ContentAsset
ContentModifiedDate	Type dateTime Properties Filter, Nillable, Sort Description Date the document was modified. ContentModifiedDate updates when, for example, the document is renamed or a new document version is uploaded. When you're uploading the first version of a document, ContentModifiedDate can be set to the current time or anytime in the past. This field is available in API version 32.0 and later.
ContentSize	Type int Properties Filter, Group, Nillable, Sort Description The size of the document in bytes. This field is available in API version 31.0 and later.
Description	Type textarea Properties Filter, Nillable, Sort, Update Description A description of the document. This field is available in API version 31.0 and later.
Division	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.

Field	Details
FileExtension	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description File extension of the document. This field is available in API version 31.0 and later.</p>
FileType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Type of document, determined by the file extension. This field is available in API version 31.0 and later.</p>
IsArchived	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the document has been archived (<code>true</code>) or not (<code>false</code>).</p>
LastReferencedDate	<p>Type datetime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type datetime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.</p>
LatestPublishedVersionId	<p>Type reference</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the latest document version (ContentVersion). This is a relationship field.</p> <p>Relationship Name LatestPublishedVersion</p> <p>Relationship Type Lookup</p> <p>Refers To ContentVersion</p>
OwnerId	<p>Type reference</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description ID of the owner of this document. This is a relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
ParentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the library that owns the document. Created automatically when inserting a ContentVersion via the API for the first time. This field is available in API version 24.0 and later when Salesforce CRM Content is enabled.</p>
PublishStatus	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p>

Field	Details
	<p>Description</p> <p>Indicates if and how the document is published. Valid values are:</p> <ul style="list-style-type: none"> • P—The document is published to a public library and is visible to other users. Label is Public. • R—The document is published to a personal library and is not visible to other users. Label is Personal Library. • U—The document is not published because publishing was interrupted. Label is Upload Interrupted.
SharingOption	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Controls whether sharing is frozen for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is Allowed, which means that new shares are allowed. When set to Restricted, new shares are prevented without affecting existing shares.</p> <p>This field is available in API versions 35.0 and later.</p>
SharingPrivacy	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Controls sharing privacy for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is Visible to Anyone With Record Access. When set to Private on Records, the file is private on records but can be shared selectively with others.</p> <p>This field is available in API versions 41.0 and later.</p>
Title	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, idLookup, Sort, Update</p> <p>Description</p> <p>The title of a document.</p>

Usage

- Use this object to retrieve, query, update, and delete the latest version of a document in a library or a Salesforce file. Use the `ContentVersion` object to create, query, retrieve, search, edit, and update a specific version of a Salesforce CRM Content document or Salesforce file.
- A document record is a container for multiple version records. You create a version to add a document to the system. The new version contains the actual file data which allows the document to have multiple versions. The version stores the body of the uploaded document.
- To create a document, create version via the `ContentVersion` object without setting the `ContentDocumentId`. This process automatically creates a parent document record. When adding a new version of the document, you must specify an existing `ContentDocumentId` which initiates the revision process for the document. When the latest version is published, the title, owner, and publish status fields are updated in the document.
- You can't add new versions of archived documents.
- When you delete a document, all versions of that document are deleted, including ratings, comments, and tags.
- A `ContentDocument` insert trigger executes when a file (`ContentDocument`) is added to the file library.
- A `ContentDocument` delete trigger executes when a file is deleted, but the cascaded `ContentDocumentLink` delete does not trigger `ContentDocumentLink` triggers.
- The `query()` call doesn't return archived documents. The `queryAll()` call returns archived documents.
- To query a file that is accessible only through a record share, you must specify the content ID of the file. When SOQL querying the `ContentVersion` object, either the `ContentVersionId` or the `ContentDocumentId` must be compounded by an AND operator.

For example,

```
SELECT FileExtension, Title FROM ContentVersion
WHERE (ContentDocumentId = '<ContentDocumentId>' or Id='<ContentVersionId>') and
IsLatest=true
```

```
SELECT Id, VersionData, FileExtension, Title FROM ContentVersion
WHERE ContentDocumentId='<ContentDocumentId>' AND FirstPublishLocationId =
'<FirstPublishLocationId>'
```

- If you query versions in the API, versions with a `PublishStatus` of `Upload Interrupted` are not returned.
- Assign topics to `ContentDocument` using `TopicAssignment` in API version 37.0 or later.

Associated Objects

This object has the following associated objects. Unless noted, associated objects are available in the same API version as this object.

ContentDocumentChangeEvent on page 52 (API version 55.0)

Change events are available for the object.

ContentDocumentFeed (API version 20.0)

Feed tracking is available for the object.

ContentDocumentHistory

History is available for tracked fields of the object.

SEE ALSO:

- [ContentDocumentHistory](#)
- [ContentVersion](#)

ContentDocumentHistory

Represents the history of a document. This object is available in versions 17.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

You can also enable `delete()` in API version 42.0 and later. See [Enable delete of Field History and Field History Archive](#).

Special Access Rules

- Customer and Partner Portal users must have the “View Content in Portal” permission to query content in libraries where they have access.
- A user can query all versions of a document from their personal library and any version that is part of or shared with a library where they are a member, regardless of library permissions.

Fields

Field	Details
ContentDocumentId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the document. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDocument</p>
DataType	<p>Type picklist</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Data type of the field that was changed.</p>
Division	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.</p>
Field	<p>Type picklist</p> <p>Properties Filter, Group, Sort, Restricted picklist</p> <p>Description The name of the field that was changed. Possible values include:</p> <ul style="list-style-type: none"> • <code>contentDocPublished</code>—The document is published into a library. • <code>contentDocUnpublished</code>—The document is archived or removed from a library, either directly or when the owning library is changed. • <code>contentDocRepublished</code>—The document is removed from the archive. • <code>contentDocFeatured</code>—The document is featured. • <code>contentDocSubscribed</code>—The document is subscribed to. • <code>contentDocUnsubscribed</code>—The document is no longer subscribed to.
NewValue	<p>Type anyType</p> <p>Properties Nillable, Sort</p> <p>Description The new value of the field that was changed.</p>
OldValue	<p>Type anyType</p> <p>Properties Nillable, Sort</p>

Field	Details
	Description The latest value of the field before it was changed.

Usage

Use this read-only object to query the history of a document.

SEE ALSO:

[ContentDocument](#)

ContentDocumentLink

Represents the link between a Salesforce CRM Content document, Salesforce file, or ContentNote and where it's shared. A file can be shared with other users, groups, records, and Salesforce CRM Content libraries. This object is available in versions 21.0 and later for Salesforce CRM Content documents and Salesforce Files.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- In API versions 33.0 and later, you can create and delete ContentDocumentLink objects with a `LinkedEntityId` of any record type that can be tracked in the feed, even if feed tracking is disabled for that record type.
- In API versions 25.0 and later, you can create ContentDocumentLink objects with a `LinkEntityId` of type User, CollaborationGroup, or Organization.
- In API versions 21.0 and later, users with explicit Viewer access (the file has been directly shared with the user) to a file can delete ContentDocumentLink objects between the file and other users who have Viewer access. In the same API versions, any user with Viewer access to a file can delete ContentDocumentLink objects between the file and organizations or groups of which they are a member.
- For orgs with digital experiences enabled, a document can only be shared with users and groups that are a part of the Experience Cloud site the file was created in.

Fields

Field	Details
ContentDocumentId	Type reference Properties Create, Filter, Group, Sort

Field	Details
	<p>Description ID of the document. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDocument</p>
LinkedEntityId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the linked object. Can include Chatter users, groups, records (any that support Chatter feed tracking including custom objects), and Salesforce CRM Content libraries. Using the API only, you can relate notes to custom settings. This is a polymorphic relationship field.</p> <p>Relationship Name LinkedEntity</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Accreditation, ActivationTarget, ActivationTrgtIntOrgAccess, ApiAnomalyEventStore, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskIndDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CodeSet, CollaborationGroup, CommSubscription, CommSubscriptionChannelType, CommSubscriptionConsent, CommSubscriptionTiming, ConsumptionSchedule, Contact, ContactEncounter, ContactEncounterParticipant, ContentWorkspace, Contract, ConversationEntry, CoverageBenefit, CoverageBenefitItem, CredentialStuffingEventStore, CreditMemo, CreditMemoLine, Dashboard, DashboardComponent, DataStream,</p>

Field	Details
	<p>DelegatedAccount, DocumentChecklistItem, EmailMessage, EmailTemplate, EngagementChannelType, EnhancedLetterhead, EnrollmentEligibilityCriteria, Event, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork, HealthcarePractitionerFacility, HealthcareProvider, HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, Identifier, Image, IndividualApplication, Invoice, InvoiceLine, Lead, ListEmail, Location, MarketSegment, MarketSegmentActivation, MemberPlan, MessagingSession, MktCalculatedInsight, OperatingHours, Opportunity, Order, OrderItem, Organization, OtherComponentTask, OutgoingEmail, PartyConsent, PersonEducation, PersonLanguage, PersonLifeEvent, PersonName, PlanBenefit, PlanBenefitItem, Product2, ProductFulfillmentLocation, ProductItem, ProductItemTransaction, ProductRequest, ProductRequestLineItem, ProductRequired, ProductTransfer, ProfileSkill, ProfileSkillEndorsement, ProfileSkillUser, ProviderSearchSyncLog, PurchaserPlan, PurchaserPlanAssn, ReceivedDocument, Report, ReportAnomalyEventStore, ResourceAbsence, ResourcePreference, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, ServiceResourceSkill, ServiceTerritory, ServiceTerritoryMember, ServiceTerritoryWorkType, SessionHijackingEventStore, Shift, Shipment, ShipmentItem, Site, SkillRequirement, SocialPost, Solution, Task, ThreatDetectionFeedback, Topic, User, Visit, VisitedParty, Visitor, VoiceCall, VolunteerProject, WorkBadgeDefinition, WorkOrder, WorkOrderLineItem, WorkType, WorkTypeGroup, WorkTypeGroupMember</p>
ShareType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Required. The permission granted to the user of the shared file in a library. This is determined by the permission the user already has in the library. This field is available in API version 25.0 and later.</p> <p>V Viewer permission. The user can explicitly view but not edit the shared file.</p> <p>C Collaborator permission. The user can explicitly view and edit the shared file. You can retrieve the ShareType for ContentDocumentLink, but you can't create a ContentDocumentLink with a ShareType of C from an Apex trigger.</p> <p>I Inferred permission. The user's permission is determined by the related record. For shares with a library, this is defined by the permissions the user has in that library. Inferred permission on shares with libraries and file owners is available in API versions 21.0 and later. Inferred permission on shares with standard objects is available in API versions 36.0 and later.</p>
Visibility	<p>Type picklist</p>

Field	Details
	<p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Specifies whether this file is available to all users, internal users, or shared users. This field is available in API version 26.0 and later.</p> <p><code>Visibility</code> can have the following values.</p> <ul style="list-style-type: none"> <code>AllUsers</code>—The file is available to all users who have permission to see the file. <code>InternalUsers</code>—The file is available only to internal users who have permission to see the file. <code>SharedUsers</code>—The file is available to all users who can see the feed to which the file is posted. <code>SharedUsers</code> is used only for files shared with users, and is available only when an org has private org-wide sharing on by default. The <code>SharedUsers</code> value is available in API version 32.0 and later. <p>Note the following exceptions for <code>Visibility</code>.</p> <ul style="list-style-type: none"> <code>AllUsers</code> & <code>InternalUsers</code> values apply to files posted on standard and custom object records, but not to users, groups, or content libraries. For posts to a record feed, <code>Visibility</code> is set to <code>InternalUsers</code> for all internal users by default. External users can set <code>Visibility</code> only to <code>AllUsers</code>. On user and group posts, only internal users can set <code>Visibility</code> to <code>InternalUsers</code>. For posts to a user feed, if the organization-wide default for user sharing is set to private, <code>Visibility</code> is set to <code>SharedUsers</code>. Only internal users can update <code>Visibility</code>. <code>Visibility</code> can be updated on links to files posted on standard and custom object records, but not to users, groups, or content libraries. <code>Visibility</code> is updatable in API version 43.0 and later. <p>The visibility setting on <code>ContentDocumentLink</code> determines a file's visibility on a record post. When a file has multiple references posted in a feed, the file's visibility is determined by the most visible setting.</p>

Usage

Use this object to query the locations where a file is shared or query which files are linked to a particular location. For example, the following query returns a particular document shared with a Chatter group:

```
SELECT ContentDocument.title FROM ContentDocumentLink WHERE ContentDocumentId =
'069D00000000so2' AND LinkedEntityId = '0D5000000089123'
```

- You can't run a query without filters against `ContentDocumentLink`.
- You can't filter on `ContentDocument` fields if you're filtering by `ContentDocumentId`. You can only filter on `ContentDocument` fields if you're filtering by `LinkedEntityId`.

- You can't filter on the related object fields. For example, you can't filter on the properties of the account to which a file is linked. You can filter on the properties of the file, such as the title field.

A SOQL query must filter on one of `Id`, `ContentDocumentId`, or `LinkedEntityId`.

The `ContentDocumentLink` object supports triggers before and after these operations: insert, update, delete. A `ContentDocumentLink` trigger executes whenever there is an addition or deletion of the `ContentDocumentLink`. When a file is deleted, a `ContentDocument` delete trigger executes, but the cascaded `ContentDocumentLink` delete does not trigger `ContentDocumentLink` triggers.



Example: This trigger for the `ContentDocumentLink` object prevents public XLSX files from being shared.

```
trigger NoShareXLSX on ContentDocumentLink (after insert) {
    for (ContentDocumentLink cdl : trigger.new) {
        if (!CDLHelper.isSharingAllowed(cdl)) {
            cdl.addError('Sorry, you cannot share this file.');
        }
    }
}
```

The trigger calls this helper class.


```
public class CDLHelper {

    /**
     * Gets FileExtension of the inserted content.
     */
    public static String getFileExtension(ContentDocumentLink cdl) {
        String fileExtension;
        String docId = cdl.ContentDocumentId;
        FileExtension = [select FileExtension from ContentVersion where ContentDocumentId
= :docId].get(0).FileExtension;
        return FileExtension;
    }

    /**
     * Checks the file's PublishStatus and FileExtension to decide whether user can
share the file with others.
     * PublishStatus 'P' means the document is in a public library.
     */
    public static boolean isSharingAllowed(ContentDocumentLink cdl) {
        String docId = cdl.ContentDocumentId;
        ContentVersion version = [select PublishStatus,FileExtension from ContentVersion
where ContentDocumentId = :docId].get(0);
        if (version.PublishStatus.equals('P') && (version.FileExtension != null &&
version.FileExtension.equals('xlsx'))) {
            return false;
        }
        return true;
    }

    /**
     * Gets the parent account name if the file is linked to an account.
     */
    public static String getAccountName(ContentDocumentLink cdl) {
        String name;
        String id = cdl.LinkedEntityId;
```

```
    if (id.substring(0,3) == '001') {
        name = [select Name from Account where Id = :id].get(0).Name;
    }
    return name;
}
```

 **Important:** Apex has a per organization limit of 10 concurrent requests that last longer than 5 seconds. A trigger that uploads files, like bulk `ContentVersion` creation, can easily hit the SOQL queries limit.

Associated Objects

This object has the following associated objects. Unless noted, associated objects are available in the same API version as this object.

ContentDocumentLinkChangeEvent on page 52 (API version 55.0)

Change events are available for the object.

SEE ALSO:

[ContentDocument](#)

ContentDocumentListViewMapping

Represents an association between a `ListView` and a Quip `ContentDocument`. Applies to Quip file types only. Maintains the mapping between a list view and Quip document when the list view is exported to a newly created Quip document. This object is available in API version 44.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To use this object, the Files Connect and Quip permissions must be enabled in the org.
To insert and update this object through the API, the `QuipMassAction` gater permission must also be enabled.

Fields

Field	Details
ContentDocumentId	Type reference
	Properties Create, Filter, Group, Sort

Field	Details
	Description ID of the document.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this document.
ListViewId	Type reference Properties Create, Filter, Group, Sort Description ID of the list view associated with the document.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the document.

Usage

ContentDocumentListViewMapping is used primarily by the Quip list view integration feature. Only Quip file types (Quip sheets and docs) are supported. The ContentDocumentId field must point to a Quip file.

ContentDocumentSubscription

Represents a subscription for a user following or commenting on a file in a library. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
ContentDocumentId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the file. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDocument</p>
IsCommentSub	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether the user made comments on the file.</p>
IsDocumentSub	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether the user follows the file.</p>
UserId	<p>Type reference</p>

Field	Details
	Properties Filter, Group, Sort
	Description ID of the user following or commenting on the file. This is a relationship field.
	Relationship Name User
	Relationship Type Lookup
	Refers To User

ContentFolder

Represents a folder in a content library for adding files. This object is available in API version 34.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

- Salesforce CRM Content or Chatter must be enabled to access ContentFolder.
- All users with a content feature license can modify folders in their personal library.
- To modify a folder, the user must be a member of the library and have permission to modify folders.

Fields

Field Name	Details
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the folder.
ParentContentFolderId	Type reference

Field Name	Details
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description ID of the ParentFolder. This is a relationship field.
	Relationship Name ParentContentFolder
	Relationship Type Lookup
	Refers To ContentFolder

ContentFolderItem

Represents a file (ContentDocument) or folder (ContentFolder) that resides in a ContentFolder in a ContentWorkspace. This object is available in API version 35.0 and later.

Supported Calls

`describeSObjects()`, `describeLayout()`, `query()`, `retrieve()`

Special Access Rules

Fields

Field Name	Details
ContentSize	Type int Properties Filter, Group, Nillable, Sort Description The file or folder size of the ContentFolderItem.
FileExtension	Type string Properties Filter, Group, Nillable, Sort

Field Name	Details
	Description Specifies the file extension if the ContentFolderItem is a file.
FileType	Type string Properties Filter, Group, Nillable, Sort Description Specifies the type of file if ContentFolderItem is a file.
IsFolder	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates that the ContentFolderItem is a folder, and not a file.
ParentContentFolderId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the ContentFolder that the ContentFolderItem resides in. This is a relationship field. Relationship Name ParentContentFolder Relationship Type Lookup Refers To ContentFolder
Title	Type string Properties Filter, Group, Sort Description The name of the file or folder.

ContentFolderLink

Defines the association between a library and its root folder. This object is available in API version 34.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

- Salesforce CRM Content must be enabled to access ContentFolderLink.
- ContentFolderLink is read-only in the context of a library.

Fields

Field Name	Details
ContentFolderId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the folder. This is a relationship field.</p> <p>Relationship Name ContentFolder</p> <p>Relationship Type Lookup</p> <p>Refers To ContentFolder</p>
EnableFolderStatus	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Indicates the status of enabling folders for the library. Valid values are:</p> <ul style="list-style-type: none">• C — Completed folder enablement• S — Started folder enablement• F — Failed folder enablement <p>This field is available in API version 39.0 and later.</p>

Field Name	Details
ParentEntityId	Type reference
	Properties Filter, Group, Sort
	Description Name of the entity the folder hierarchy is linked to.

ContentFolderMember

Defines the association between a file and a folder. This object is available in API version 34.0 and later.

Supported Calls

`describeSObjects()`, `delete()`, `query()`, `retrieve()`, `update()`

Special Access Rules

- Salesforce CRM Content or Chatter must be enabled to access ContentFolderMember.
- All users with a content feature license can modify folders in their personal library.
- To modify ContentFolderMember, the user must be a member of the library and have permission to modify folders.

Fields

Field Name	Details
ChildRecordId	Type reference
	Properties Filter, Group, Sort
	Description ID of the file. This is a relationship field.
	Relationship Name ChildRecord
	Relationship Type Lookup
	Refers To ContentDocument

Field Name	Details
ParentContentFolderId	<p>Type reference</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description ID of the folder the file is in. This is a relationship field.</p> <p>Relationship Name ParentContentFolder</p> <p>Relationship Type Lookup</p> <p>Refers To ContentFolder</p>

ContentHubItem

Represents a file or folder in a Files Connect external data source, such as Microsoft SharePoint or OneDrive for Business. This object is available in API version 33.0 and later.

Special Access Rules

Chatter and Files Connect must be enabled for the organization.

Supported Calls


`describeSObjects()`, `query()`, `search()`

Fields

Field Name	Details
ContentHubRepositoryId	<p>Type reference</p> <p>Properties Filter, Group, Nillable</p> <p>Description The ID for the related external data source described by the ContentHubRepository object.</p>


Field Name	Details
ContentModifiedDate	Type dateTime Properties Nillable Description Date the file or folder content last changed.
ContentSize	Type int Properties Group, Nillable Description File or folder size.
Description	Type string Properties Filter, Group, Nillable Description Explanation of item in external data source.
ExternalContentUrl	Type url Properties Group, Nillable Description The URL of the document content in the external data source.
ExternalDocumentUrl	Type url Properties Group, Nillable Description The URL of the detail page in the external data source.
ExternalId	Type string Properties Filter, Group, Nillable, Sort Description ID for the file or folder in the external data source.

Field Name	Details
FileExtension	Type string Properties Group, Nillable Description File format extension, such as .doc or .pdf
FileType	Type string Properties Group, Nillable Description Complete file type, such as "Microsoft Word Document."
IsFolder	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether item is a folder or file.
MimeType	Type string Properties Filter, Group, Nillable Description MIME type of the content.
Name	Type string Properties Filter, Nillable, Sort Description Name of the file or folder in the external data source.
Owner	Type string Properties Filter, Group, Nillable Description Username of the content owner in the external data source.

Field Name	Details
ParentId	<p>Type string</p> <p>Properties Filter, Group, Nillable</p> <p>Description The ID of the parent folder for the record.</p> <p>This field isn't returned in queries or searches of the ContentHubItem object. It supports only WHERE clauses, such as the following:</p> <pre>WHERE ContentHubRepositoryId = <ID of external source> and ParentId = <ID of parent folder or record>.</pre> <p>Or specify <code>WHERE ParentId = <name of root folder></code> to return the children of the root folder.</p> <p> Tip: The ParentId field supports both Salesforce IDs (in the format "0CHxxx") and external IDs.</p>
Title	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description The title that appears in the content, which often differs from the <code>Name</code> of the containing file or folder.</p>
UpdatedBy	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description Username for the person who last updated the file.</p>

Usage

The following SOQL query examples show how to retrieve files and folders from a Files Connect external data source. These examples use placeholders for ID values for the repository ID and folder IDs. Before running these queries, replace the placeholders with valid ID values for your external data source and folders.

 **Important:** You must filter queries and searches on ContentHubItem with the `ContentHubRepositoryId` field; for example, `SELECT Id FROM ContentHubItem WHERE ContentHubRepositoryId = <ID of external data source>`.

Example 1: Get the ID and name of the root folder in an external file source.

```
SELECT Id, Name
FROM ContentHubItem
WHERE ContentHubRepositoryId = '<repository ID>' AND ParentId = NULL
```

Example 2: List all folders and files under the specified root folder.

```
SELECT Id, Name
FROM ContentHubItem
WHERE ContentHubRepositoryId = '<repository ID>' AND ParentId = '<root folder ID>'
```

Example 3: List all external file data sources by querying ContentHubRepository.

```
SELECT DeveloperName
FROM ContentHubRepository
```

Example 4: List all files and folders in a given folder and external file source.

```
SELECT Id, Name
FROM ContentHubItem
WHERE ContentHubRepositoryId = '<repository ID>' AND ParentId = '<parent folder ID>'
```

Example 5: To return only folders in the result set, add `IsFolder = true` in the `WHERE` clause to a query that returns files and folders. For example, the following query lists all folders under the root folder.

```
SELECT Id, Name
FROM ContentHubItem
WHERE ContentHubRepositoryId = '<repository ID>' AND ParentId = '<root folder ID>'
      AND IsFolder = true
```

Example 6: Retrieve a link that is used to open the specified document in an external source.

```
SELECT ExternalDocumentUrl
FROM ContentHubItem
WHERE ContentHubRepositoryId = '<repository ID>' AND Id = '<document ID>'
```

SOSL Example: Retrieve the ID and name of all documents that contain the search string. The result set is limited to the first 10 documents.

```
FIND {<search string>}
RETURNING ContentHubItem(Id, Name
                        WHERE ContentHubRepositoryId = '<repository ID>')
LIMIT 10
```

ContentHubRepository

Represents a Files Connect external data source such as Microsoft SharePoint or OneDrive for Business. This object is available in API version 33.0 and later.


Special Access Rules

Chatter and Files Connect must be enabled for the organization.

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The unique name of the record in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This field is automatically generated but you can supply your own value if you create the record using the API.</p> <p> Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.</p>
MasterLabel	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Master label for the external data source. This display value is the internal label and does not get translated.</p>
Type	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The data source type. Possible values are:</p> <ul style="list-style-type: none"> • <code>contenthubGoogleDrive</code> • <code>contenthubOffice365</code> • <code>contenthubOneDrive</code> • <code>contenthubSharepoint</code> • <code>contenthubBox</code> • <code>contenthubQuip</code>

ContentNote

Represents a note created with the enhanced note taking tool, released in Winter '16. This object is available in API version 32.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `search()`, `update()`

Special Access Rules

- Notes must be enabled.

Fields

Field	Details
Content	<p>Type base64</p> <p>Properties Create, Nillable, Update</p> <p>Description The content or body of the note, which can include properly formatted HTML or plain text. When a document is uploaded or downloaded via the API, it must be base64 encoded (for upload) or decoded (for download). Any special characters within plain text in the <code>Content</code> field must be escaped. You can escape special characters by calling <code>content.escapeHtml4()</code>. If the input contains unsafe HTML characters or new lines, we automatically strip them out before saving the content.</p>
ContentModifiedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date the document was modified. <code>ContentModifiedDate</code> updates when, for example, the document is renamed or a new document version is uploaded. This field is available in API version 48.0 and later.</p>
ContentSize	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Size of the note in bytes.</p>


Field	Details
FileExtension	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description File extension of the note.</p>
FileType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Type of file for the note. All notes have a file type of <code>SNOTE</code>.</p>
IsReadOnly	<p>Type boolean</p> <p>Properties Defaulted on create, Group, Sort</p> <p>Description Indicates whether the note is read only.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date the note was last viewed. This field is available in API version 35.0 and later.</p>
LatestContentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Lookup to the note's ContentBody. This field is available in API version 52.0 and later. This is a relationship field.</p> <p>Relationship Name LatestContent</p> <p>Relationship Type Lookup</p> <p>Refers To ContentBody</p>

Field	Details
LatestPublishedVersionId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the ContentVersion for the latest published version of the note.</p>
OwnerId	<p>Type reference</p> <p>Properties Create (for users assigned the Set Audit Fields Upon Creation permission), Defaulted on create, Filter, Group, Sort, Update (for users assigned the Set Audit Fields Upon Creation permission)</p> <p>Description ID of the owner of the note.</p>
SharingPrivacy	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Controls sharing privacy for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is <code>Visible to Anyone With Record Access</code>. When set to <code>Private on Records</code>, the file is private on records but can be shared selectively with others. This field is available in API versions 41.0 and later.</p>
TextPreview	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description A preview of the note's content. This field is available in API version 35.0 and later.</p>
Title	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Namefield, Sort, Update</p> <p>Description Title of the note.</p>

Usage

- Use ContentNote to create, query, retrieve, search, edit, and update notes.
- ContentNote is built on ContentVersion, and so it has many of the same usages.
- Not all fields can be set for notes. Only the Content and Title fields can be updated.
- The maximum file size you can upload via SOAP API is 50 MB. When a document is uploaded or downloaded via the API, it's converted to base64. This conversion increases the document size by approximately 37%. Account for the base64 conversion increase so that the file you plan to upload is less than 50 MB after conversion.
- You can convert old Note records to Lightning Experience, so users can view and edit notes from the Notes & Attachments related list in Lightning Experience. Users can edit their converted notes, which are accessible from the Notes related list and Notes tab. Copy old Note records to newly created ContentNote records. Users assigned the Set Audit Fields Upon Creation permission can set the owner, created date, and last modified date on ContentNote records.
- SOQL and SOSL queries on the ContentNote return only the most recent version of the note.
- To relate a note to a record, use [ContentDocumentLink](#). Review the `LinkedEntityID` field in [ContentDocumentLink](#) for a list of objects that notes can relate to.

For example, the following Apex code creates a note and escapes any special characters so they're converted to their HTML equivalents.

 **Note:** Apex code doesn't need to be encoded to base64 before it's uploaded and downloaded.

```
ContentNote cn = new ContentNote();
cn.Title = 'test1';
String body = 'Hello World. Before insert/update, escape special characters such as ", ',
    &, and other standard escape characters.';
cn.Content = Blob.valueOf(body.escapeHTML4());
insert(cn);
```

In this example, the following code creates a note using text that is already formatted as HTML, so it doesn't need to be escaped.

```
ContentNote cn = new ContentNote();
cn.Title = 'test2';
String body = '<b>Hello World. Because this text is already formatted as HTML, it does not
    need to be escaped.
    Special characters such as &quot;;, etc. must already use their HTML equivalents.</b>';
cn.Content = body;
insert(cn);
```

ContentNotification

Represents a notification for a file. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
EntityIdentifierId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the object with the notification.</p>
EntityType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Type of object with the notification. One of the following.</p> <ul style="list-style-type: none">• ContentDocument• ContentTagName• ContentVersion• ContentWorkspace• ContentWorkspacePermission• User
Nature	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Type of notification.</p>
Subject	<p>Type textarea</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Subject of the notification.</p>
Text	<p>Type textarea</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	Description Text of the notification.
UsersId	Type reference Properties Filter, Group, Sort Description ID of the user who received the notification. This is a relationship field. Relationship Name Users Relationship Type Lookup Refers To User

ContentTagSubscription

Represents a subscription for a user following a tag on a file. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
UserId	Type reference Properties Filter, Group, Nillable, Sort Description ID of the user following the tag on the file. This is a relationship field.

Field	Details
	Relationship Name User
	Relationship Type Lookup
	Refers To User

ContentUserSubscription

Represents a subscription for a user following another user. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
SubscribedToUserId	Type reference
	Properties Filter, Group, Sort
	Description ID of the user who is followed by another user. This is a relationship field.
	Relationship Name SubscribedToUser
	Relationship Type Lookup
	Refers To User
SubscriberUserId	Type reference

Field	Details
	Properties Filter, Group, Sort
	Description ID of the user who follows another user. This is a relationship field.
	Relationship Name SubscriberUser
	Relationship Type Lookup
	Refers To User

ContentVersion

Represents a specific version of a document in Salesforce CRM Content or Salesforce Files. This object is available in versions 17.0 and later for Salesforce CRM Content documents. This object is available in versions 20.0 and later for Salesforce Files.

The maximum number of versions that can be published in a 24-hour period is 200,000.



Note: Depending on how files are shared, queries on ContentDocument and ContentVersion without specifying an ID don't return all files a user has access to. For example, if a user only has access to a file because they have access to a record that the file is shared with, the file won't be returned in a query such as "SELECT Id FROM ContentDocument."

Supported Calls

`create()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

- All users with a content feature license can create versions in their personal library. Customer and Partner Portal users must also supply the `NetworkId` of the Experience Cloud site in the request.
- By default, users (including users with the "View All Data" permission) can only query files they have access to, including:
 - Salesforce Files in their personal library and in libraries they're a member of, regardless of library permissions (API version 17.0 and later).
 - Salesforce Files they own, shared directly with them, posted on their profile, or posted on groups they can see (API version 21.0 and later).

Enable the Query All Files permission to let your View All Data users bypass the restrictions on querying files.

- Query All Files returns all files, including files in non-member libraries and files in unlisted groups.
- Users can't edit, upload new versions, or delete files they don't have access to.
- View All Data permission is required to enable Query All Files.
- All users can update versions in their personal library.

- The owner of a version or document can update the document if they're a member of the library, regardless of library permissions.
- To update a Salesforce CRM Content document, the user must be a member of the library with one of these library privileges enabled:
 - Add Content
 - Add Content On Behalf of Others
 - Manage Library
- Customer and Partner Portal users must have the View Content in Portal permission to query content in libraries where they have access.
- Customer and Partner Portal users can only publish, version, or edit documents if they have a Salesforce CRM Content feature license.
- `FileType` is defined by either `ContentUrl` for links or `PathOnClient` for documents, but not both.
- In API version 34.0 and later, any file can be shared with libraries, whether the file originated in Chatter or in Salesforce CRM Content.
- In API version 39.0 and later, custom Apex download handlers can be created that can control access to documents. See the [Apex Developer Guide](#) for more information.

Fields

Field	Details
Checksum	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description MD5 checksum for the file.</p>
ContentBodyId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description Allows inserting a file version independently of the file blob being uploaded. This field is available for query and insert only. It can only point to a ContentBody record. This field is available in API version 40.0 and later.</p> <p>This is a relationship field.</p> <p>Relationship Name ContentBody</p> <p>Relationship Type Lookup</p> <p>Refers To ContentBody</p>
ContentDocumentId	<p>Type reference</p>

Field	Details
	<p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the document. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p> <p>Refers To ContentDocument</p>
ContentLocation	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description Origin of the document. Valid values are:</p> <ul style="list-style-type: none"> • S—Document is located within Salesforce. Label is Salesforce. • E—Document is located outside of Salesforce. Label is External. • L—Document is located on a social network and accessed via Social Customer Service. Label is Social Customer Service.
ContentModifiedById	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the user who modified the document. This is a relationship field.</p> <p>Relationship Name ContentModifiedBy</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
ContentModifiedDate	<p>Type dateTime</p>

Field	Details
	<p>Properties Create, Filter, Nillable, Sort</p> <p>Description Date the document was modified. ContentModifiedDate updates when, for example, the document is renamed or a new document version is uploaded. When uploading the first version of a document, ContentModifiedDate can be set to the current time or any time in the past.</p>
ContentSize	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Size of the document in bytes. Always zero for links.</p>
ContentUrl	<p>Type url</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description URL for links. This is only set for links. One of the fields that determines the FileType. The character limit in API versions 33.0 and later is 1,300. The character limit in API versions 32.0 and earlier was 255.</p>
Description	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Description of the content version.</p>
Division	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the org has the Division permission enabled.</p>

Field	Details
ExternalDataSourceId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the external document referenced in the <code>ExternalDataSource</code> object. This is a relationship field.</p> <p>Relationship Name ExternalDataSource</p> <p>Relationship Type Lookup</p> <p>Refers To ExternalDataSource</p>
ExternalDocumentInfo1	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Stores the URL of the file in the external content repository. The integration from the external source determines the content for this string. After the reference or copy is created, the URL of the external file is updated when you:</p> <ul style="list-style-type: none"> • Republish a file reference in Lightning Experience • Open the document • Create a file reference in the Connect REST API with <code>reuseReference</code> set to true. <p>When the file is updated, the shared link is updated to the most current version.</p>
ExternalDocumentInfo2	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Contains the external file ID. Salesforce determines the content for this string, which is private. The content can change without notice, depending on the external system. After the file reference is created, this field isn't updated, even if the file path changes.</p>
FeaturedContentBoost	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	Description Read only. Designates a document as featured.
FeaturedContentDate	Type date Properties Filter, Group, Nillable, Sort Description Date the document was featured.
FileExtension	Type string Properties Filter, Group, Nillable, Sort Description File extension of the document. This field is available in API version 31.0 and later.
FileType	Type string Properties Filter, Group, Sort Description Type of content determined by <code>ContentUrl</code> for links or <code>PathOnClient</code> for documents.
FirstPublishLocationId	Type reference Properties Create, Filter, Group, Nillable, Sort Description <p>ID of the location where the version was first published. If the version is first published into a user's personal library or My Files, the field will contain the ID of the user who owns the personal library or My Files. In Lightning Experience, if the first version is published into a public library, the field will contain the ID of that library.</p> <p>Accepts all record IDs supported by <code>ContentDocumentLink</code> (anything a file can be attached to, like records and groups).</p> <p>Setting <code>FirstPublishLocationId</code> allows you to create a file and share it with an initial record/group in a single transaction, and have the option to create more links to share the file with other records or groups later. When a file is created, it's automatically linked to the record, and <code>PublishStatus</code> will change to Public from Pending/Personal.</p>

Field

Details

This field is only set the first time a version is published via the API.

`FirstPublishLocationId` can't be set to another ID when a new content version is inserted.



Note: Salesforce updates the `FirstPublishLocationId` updates automatically when a new `OwnerId` is added to the `ContentVersion`. For example, when you publish a new version with a different `OwnerId` than the current `OwnerId`, the `FirstPublishLocationId` of all previous versions updates to the previous `OwnerId`. The new published version sets the `FirstPublishLocationId` to the new `OwnerId`.

This is a polymorphic relationship field.

Relationship Name


`FirstPublishLocation`

Relationship Type


Lookup

Refers To

Account, Accreditation, ActivationTarget, ActivationTrgtIntOrgAccess, ApiAnomalyEventStore, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskIndDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CodeSet, CollaborationGroup, CommSubscription, CommSubscriptionChannelType, CommSubscriptionConsent, CommSubscriptionTiming, ConsumptionSchedule, Contact, ContactEncounter, ContactEncounterParticipant, ContentWorkspace, Contract, ConversationEntry, CoverageBenefit, CoverageBenefitItem, CredentialStuffingEventStore, CreditMemo, CreditMemoLine, Dashboard, DashboardComponent, DataStream, DelegatedAccount, DocumentChecklistItem, EmailMessage, EmailTemplate, EngagementChannelType, EnhancedLetterhead, EnrollmentEligibilityCriteria, Event, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork, HealthcarePractitionerFacility, HealthcareProvider, HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, Identifier, Image, IndividualApplication, Invoice, InvoiceLine, Lead, ListEmail, Location, MarketSegment, MarketSegmentActivation, MemberPlan, MessagingSession, MktCalculatedInsight, OperatingHours, Opportunity, Order, OrderItem, Organization, OtherComponentTask, OutgoingEmail, PartyConsent, PersonEducation, PersonLanguage, PersonLifeEvent, PersonName, PlanBenefit, PlanBenefitItem, Product2, ProductFulfillmentLocation, ProductItem, ProductItemTransaction, ProductRequest, ProductRequestLineItem, ProductRequired,

Field	Details
	ProductTransfer, ProfileSkill, ProfileSkillEndorsement, ProfileSkillUser, ProviderSearchSyncLog, PurchaserPlan, PurchaserPlanAssn, ReceivedDocument, Report, ReportAnomalyEventStore, ResourceAbsence, ResourcePreference, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, ServiceResourceSkill, ServiceTerritory, ServiceTerritoryMember, ServiceTerritoryWorkType, SessionHijackingEventStore, Shift, Shipment, ShipmentItem, Site, SkillRequirement, SocialPost, Solution, Task, ThreatDetectionFeedback, Topic, User, Visit, VisitedParty, Visitor, VoiceCall, VolunteerProject, WorkBadgeDefinition, WorkOrder, WorkOrderLineItem, WorkType, WorkTypeGroup, WorkTypeGroupMember
IsAssetEnabled	<p>Type boolean</p> <p>Properties Create, Group, Defaulted on create</p> <p>Description Can be specified on insert of ContentVersion to automatically convert a ContentDocument file into a ContentAsset. This field can be SOQL queried, but it can't be edited. This field is available in API version 38.0 and later.</p>
IsEncrypted	<p> Note: This information is about Shield Platform Encryption and not Classic Encryption.</p> <p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether files are encrypted using Shield Platform Encryption (<code>true</code>) or not (<code>false</code>). This field is available in API version 34.0 and later.</p>
IsLatest	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether this is the latest version of the document (<code>true</code>) or not (<code>false</code>).</p>
IsMajorVersion	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description <code>true</code> if the document is a major version; <code>false</code> if the document is a minor version. Major versions can't be replaced.</p>

Field	Details
Language	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The language for this document. This field defaults to the org's default language unless the multi language setting is enabled.</p> <p>Specifies the language of the labels returned. The value must be a valid user locale (language and country), such as <code>de_DE</code> or <code>en_GB</code>. For more information on locales, see the Language field on the <code>CategoryNodeLocalization</code> object.</p>
NegativeRatingCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read only. The number of times different users have given the document a thumbs down.</p> <p>Rating counts for the latest version are not version-specific. If Version 1 receives 10 thumbs-down votes, and Version 2 receives 2 thumbs-down votes, the <code>NegativeRatingCount</code> on Version 2 is 12. However, rating counts are not retroactive for prior versions. The <code>NegativeRatingCount</code> on Version 1 is 10.</p>
NetworkId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the Experience Cloud site that this file originated from. This field is available in API version 26.0 and later, if digital experiences is enabled for your org.</p> <p>You can add a <code>NetworkId</code> only when creating a file. You can't change or add a <code>NetworkId</code> for an existing file.</p>
Origin	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description The source of the content version. Valid values are:</p> <ul style="list-style-type: none"> • C—Content document from the user's personal library. Label is Content. The <code>FirstPublishLocationId</code> must be the user's ID. If <code>FirstPublishLocationId</code> is left blank, it defaults to the user's ID.

Field	Details
	<ul style="list-style-type: none"> H—Salesforce file from the user's My Files. Label is Chatter. The <code>FirstPublishLocationId</code> must be the user's ID. If <code>FirstPublishLocationId</code> is left blank, it defaults to the user's ID. Origin can only be set to H if Chatter is enabled for your organization. <p>This field defaults to C. Label is Content Origin.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the owner of this document. This is a relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
PathOnClient	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The complete path of the document. One of the fields that determines the <code>FileType</code>.</p> <p> Note: Specify a complete path including the file extension in order for the document to be visible in the Preview tab.</p>
PositiveRatingCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read only. The number of times different users have given the document a thumbs up. Rating counts for the latest version are not version-specific. If Version 1 receives 10 thumbs-up votes, and Version 2 receives 2 thumbs-up votes, the <code>PositiveRatingCount</code> on Version 2 is 12. However, rating counts are not retroactive for prior versions. The <code>PositiveRatingCount</code> on Version 1 is 10.</p>


Field	Details
PublishStatus	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description Indicates if and how the document is published. Valid values are:</p> <ul style="list-style-type: none"> • P—The document is published to a public library and is visible to other users. Label is Public. • R—The document is published to a personal library and is not visible to other users. Label is Personal Library. • U—The document is not published because publishing was interrupted. Label is Upload Interrupted.
RatingCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read only. Total number of positive and negative ratings.</p>
ReasonForChange	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The reason why the document was changed. This field can only be set when inserting a new version (revising) a document.</p>
RecordTypeId	<p>Type reference</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description ID of the record type of the version. Custom fields are restricted in <code>RecordTypeId</code>. When an administrator creates a custom field via the API it must be added to at least one page layout:</p> <ul style="list-style-type: none"> • If the custom field is added to the page layout associated with the General record type, the <code>RecordTypeId</code> that corresponds to that record type does not have to be set on the version record. • If the custom field is added to the page layout associated with a custom record type, the <code>RecordTypeId</code> that corresponds to that record type must be set on the version record.

Field	Details
SharingOption	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Controls whether sharing is frozen for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is <code>Allowed</code>, which means that new shares are allowed. When set to <code>Restricted</code>, new shares are prevented without affecting existing shares.</p> <p>This field is available in API versions 35.0 and later.</p>
SharingPrivacy	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Controls sharing privacy for a file. Only administrators and file owners with Collaborator access to the file can modify this field. Default is <code>Visible to Anyone With Record Access</code>. When set to <code>Private on Records</code>, the file is private on records but can be shared selectively with others.</p> <p>This field is available in API versions 41.0 and later.</p>
TagCsv	<p>Type textarea</p> <p>Properties Create, Nillable, Sort, Update</p> <p>Description Text used to apply tags to a content version via the API.</p>
TextPreview	<p>Type string</p> <p>Properties Nillable, Filter, Group, Sort</p> <p>Description A preview of a document. Available in API version 35.0 and later.</p>
Title	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p>

Field	Details
	Description The title of a document.
VersionData	Type base64 Properties Create, Nillable, Update Description The content or body of the note, which can include properly formatted HTML or plain text. When a document is uploaded or downloaded via the API, it should be base64 encoded (for upload) or decoded (for download). Any special characters within plain text in the <code>Content</code> field must be escaped. You can escape special characters by calling <code>content.escapeHtml4()</code> . This field can't be set for links. The maximum file size you can upload via the SOAP API is 50 MB. When a document is uploaded or downloaded via the API, it is converted to base64 and stored in <code>VersionData</code> . This conversion increases the document size by approximately 37%. Account for the base64 conversion increase so that the file you plan to upload is less than 50 MB after conversion. If a custom Apex download handler is active, this field is accessed from the API, and the download is not allowed, Salesforce will return a <code>CONTENT_CUSTOMIZED_DOWNLOAD_EXCEPTION</code> error.
VersionDataURL	Type string Properties Filter, Group, Nillable, Sort Description The URL used to fetch a file from the binary data endpoint. This field is only populated on direct queries to <code>ContentVersion</code> , and not when queried through a related entity's foreign key to <code>ContentVersion</code> . If available, access preview images of a file by appending a <code>thumb</code> query parameter to this URL. For example: <pre>myContentVersion.VersionDataUrl + '?thumb=THUMB240BY180'</pre> Available <code>thumb</code> parameter values are: <ul style="list-style-type: none"> • <code>THUMB720BY480</code> — corresponds to the <code>big-thumbnail</code> preview format • <code>THUMB240BY180</code> — corresponds to the <code>thumbnail</code> preview format • <code>THUMB120BY90</code> — corresponds to the <code>tiny-thumbnail</code> preview format See File Preview in the <i>Connect REST API Developer Guide</i> for additional details about file previews. This field can't be set for links.

Field	Details
	This field is available in API versions 55.0 and later.
VersionNumber	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The version number. The number increments with each version of the document, for example, 1, 2, 3.</p>

Usage

- Use this object to create, query, retrieve, search, edit, and update a specific version of a Salesforce CRM Content document or Salesforce file. Use the ContentDocument object to retrieve, query, update, and delete the latest version of a document, but not a content pack, in a library or a Salesforce file.
 - Use this object to create, query, retrieve, search, edit, and update a specific version of a Salesforce file. Use the ContentDocument object to retrieve, query, update, and delete the latest version of a Salesforce file.
 - To query a file that is shared only with a record, you must specify the content ID of the file.
 - Not all fields can be set for Salesforce Files.
 - You can only update a version if it is the latest version and if it is published.
 - You can't archive versions.
 - Using API version 32.0 and later, you can update record types on versions.
 - You can't delete a version via the API.
 - The maximum file size you can upload via the SOAP API is 50 MB. When a document is uploaded or downloaded via the API, it is converted to base64 and stored in `VersionData`. This conversion increases the document size by approximately 37%. Account for the base64 conversion increase so that the file you plan to upload is less than 50 MB after conversion.
 - To download a document via the API, you must export the `VersionData` of the document. This does not increase the download count.
 - When you upload a document from your local drive using the Data Loader, you must specify the actual path in both `VersionData` and `PathOnClient`. `VersionData` identifies the location and extracts the format and `PathOnClient` identifies the type of document being uploaded.
 - SOQL queries on the ContentVersion object return all versions of the document. SOSL searches on the ContentVersion object return only the most recent version of the document.
 - If you query versions in the API, versions with a `PublishStatus` of `Upload Interrupted` are not returned.
 - Documents published into a personal library assume the default record type that is set for the user profile of the person publishing the document (General, if no default is set for the user profile).
-  **Note:** An administrator can rename the default (*Content Version Layout*) page layout.
- Contact Manager, Group, Professional, Enterprise, Unlimited, and Performance Edition customers can publish a maximum of 200,000 new versions per 24-hour period. Developer Edition and trial users can publish a maximum of 2,500 new versions per 24-hour period.

- Custom validation rules can prevent an update of documents published into a personal library via the API.

Applying Tags to ContentVersion Records

Tags can be applied to ContentVersion records using either Enterprise or Partner API.

To apply tags to a ContentVersion record, set a value in the `TagCsv` field. For example, setting this field to `one,two,three` creates and associates three tags to that version.

- The maximum length of the `TagCsv` field is 2,000 characters.
- The maximum length of an individual tag is 100 characters.
- When tags are applied to a version, the content is indexed automatically and the tags are searchable.
- You can't apply tags to a `TagCsv` that is published into a personal library.
- You can't apply tags using the ContentDocument object.
- You can't change or delete tag names. You can remove tags from a document, but that doesn't delete the tag.
- Tags are case insensitive. You can't have two tags with the same name even if they use different uppercase and lowercase letters. The case of the original tag is always used.

To delete tags from a ContentVersion record, perform a standard API update, and remove any values from the `TagCsv` field that you want to delete. For example, if the original `TagCsv` is `one,two,three`, perform an API update specifying `one,three` in the `TagCsv` field to delete `two`. To delete all tags from a ContentVersion you perform a standard API update by setting the field to `null`.

If you create a ContentVersion record and want to revise it via the API, you insert another ContentVersion record but associate it to the same ContentDocument record as the original. This has an impact on tagging:

- If you insert the revision and do not set any value in the `TagCsv` field, any tags applied to the previous version are automatically applied to the new version.
- If you insert the revision and specify a new `TagCsv` field, no tags transfer over and the tags you specify are applied instead.

When you perform a SOQL query for a ContentVersion record and select the `TagCsv` field, all the tags associated with that record are returned. The tags in the string are always ordered alphabetically even if they were inserted in a different order. You can't use the `TagCsv` field as part of a filter in a SOQL query. You can't query all tags in your organization.

Library tagging rules:

- API tagging respects the tagging restrictions that exist on any library that the document is published into. For example, if the library is in restricted tagging mode and only allows tags `one,three`, you can't save a version with a `TagCsv` of `one,two,three`.
- If the library is in guided tagging mode, you can apply tags to the ContentVersion. You can't query the value of guided tags on a library, but you can query the tagging model of a library.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

ContentVersionChangeEvent on page 52 (API version 55.0)

Change events are available for the object.

ContentVersionHistory

History is available for tracked fields of the object.

SEE ALSO:

- [ContentDocument](#)
- [ContentVersionHistory](#)

ContentVersionComment

Represents a comment on a version of a file. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
ContentDocumentId	<div>Type reference</div> <div>Properties Filter, Group, Sort</div> <div>Description ID of the file. This is a relationship field.</div> <div>Relationship Name ContentDocument</div> <div>Relationship Type Lookup</div> <div>Refers To ContentDocument</div>
ContentVersionId	<div>Type reference</div> <div>Properties Filter, Group, Sort</div>

Field	Details
	Description ID of the version of the file. This is a relationship field.
	Relationship Name ContentVersion
	Relationship Type Lookup
	Refers To ContentVersion
UserComment	Type textarea
	Properties Filter, Nillable, Sort
	Description ID of the user who commented on the file.

ContentVersionHistory

Represents the history of a specific version of a document. This object is available in version 17.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

You can also enable `delete()` in API version 42.0 and later. See [Enable delete of Field History and Field History Archive](#).

Special Access Rules

- Customer and Partner Portal users must have the “View Content in Portal” permission to query content in libraries where they have access.
- A user can query all versions of a document from their personal library and any version that is part of or shared with a library where they are a member, regardless of library permissions.



Note: To record an event in `contentVersionViewed`, make sure:

- All files are published to a Content Library.
- The details page is viewed in Salesforce Classic.

Fields

Field	Details
ContentVersionId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the version. This is a relationship field.</p> <p>Relationship Name ContentVersion</p> <p>Relationship Type Lookup</p> <p>Refers To ContentVersion</p>
DataType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Data type of the field that was changed.</p>
Division	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.</p>
Field	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The name of the field that was changed. Possible values include:</p> <ul style="list-style-type: none"> • <code>contentVersionCreated</code>—A new version is created.

Field	Details
	<ul style="list-style-type: none">contentVersionUpdated—The title, description, or any custom field on the version is changed.contentVersionDownloaded—A version is downloaded.contentVersionViewed—The version details are viewed.contentVersionRated—The version is rated.contentVersionCommented—The version receives a comment.contentVersionDataReplaced—The new version replaces the previous version, which can happen only when the new version is uploaded immediately after the previous version.
NewValue	<p>Type anyType</p> <p>Properties Nillable, Sort</p> <p>Description The new value of the field that was changed.</p>
OldValue	<p>Type anyType</p> <p>Properties Nillable, Sort</p> <p>Description The latest value of the field before it was changed.</p>

Usage

Use this read-only object to query the history of a document version.

SEE ALSO:
[ContentVersion](#)

ContentVersionRating

Represents a rating on a version of a file. This object is available in API version 42.0 and later.

Supported Calls

delete(), describeSObjects(), query(), retrieve()

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
ContentVersionId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the version of the file. This is a relationship field.</p> <p>Relationship Name ContentVersion</p> <p>Relationship Type Lookup</p> <p>Refers To ContentVersion</p>
Rating	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Rating of the file.</p>
UserComment	<p>Type textarea</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Comment made by the user who rated the file.</p>
UserId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the user who rated the file. This is a relationship field.</p>

Field	Details
	Relationship Name User
	Relationship Type Lookup
	Refers To User

ContentWorkspace

Represents a content library. This object is available in versions 17.0 and later.

 **Note:** This object doesn't apply to personal libraries.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

 **Note:** `create()`, `update()` and `delete()` on `ContentWorkspace` are supported in API version 40.0 and later only.

Special Access Rules

- The Access Libraries user permission allows orgs to make libraries available to users without requiring that they have the legacy Salesforce CRM Content license. This permission is available for profiles and permission sets on most standard user licenses, and isn't available for High Volume Customer Portal, Customer Community, or Chatter Free licenses. Available in API versions 40.0 and later.
- Users with the Create Libraries user perm or the Manage Salesforce CRM Content administrator permission can create libraries (ContentWorkspaces) from the Libraries tab in Salesforce Classic and from the API.
- Customer and Partner Portal users can only edit the library document object if they have a Salesforce CRM Content feature license.
- Customer and Partner Portal users can query this object if they have the "View Content in Portal" permission. A user can query all public libraries where they're members, regardless of library permissions.
- Automated process users can't publish documents to libraries (ContentWorkspaces).

Fields

Field	Details
<code>DefaultRecordTypeId</code>	Type reference
	Properties Filter, Group, Nillable, Sort

Field	Details
	Description ID of the default content type for the library. Content types are the containers for custom fields in Salesforce CRM Content.
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description Text description of the content library.
DeveloperName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The unique name of the library in the API. Allows a link to the library to be packaged when an asset file is added to a package. Although libraries aren't a packageable entity, references to libraries with a developer name will be included in the package when asset files are packaged. These links can then be restored in the target org. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. Label is Unique Name. This field is available in API version 39.0 and later.
IsRestrictContentTypes	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Read only. Indicates whether content types have been restricted (<code>true</code>) or not (<code>false</code>).
IsRestrictLinkedContentTypes	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Read only. Indicates whether linked content types have been restricted (<code>true</code>) or not (<code>false</code>).

Field	Details
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Name of the library.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The unique name of the library in the API. Allows a link to the library to be packaged when an asset file is added to a package. Limit: 15 characters. This field is available in API version 39.0 and later.</p>
RootContentFolderId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of root folder of the library. This field is available in API version 39.0 and later.</p>
ShouldAddCreatorMembership	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Group</p> <p>Description Automatically create a library membership for the user creating the library. Note this field isn't meant for query and always returns false in query. This field is available in API version 40.0 and later.</p>
TagModel	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The type of tagging assigned to a library. Valid values are:</p> <ul style="list-style-type: none"> • U — Unrestricted. No restrictions on tagging. Users can enter any tag when publishing or editing content. • G — Guided. Users can enter any tag when publishing or editing content, but they're also offered a list of suggested tags.

Field	Details
	<ul style="list-style-type: none"> • R — Restricted. Users must choose from a list of suggested tags.
WorkspaceImageId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of a library image. Image files can be assigned to libraries for branding and easy identification. Library image is visible to all users, even if they aren't library members. This field is available in API version 43.0 and later.</p> <p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of a library image. Image files can be assigned to libraries for branding and easy identification. Library image is visible to all users, even if they are not library members. This field is available in API version 43.0 and later.</p> <p>This is a relationship field.</p> <p>Relationship Name WorkspaceImage</p> <p>Relationship Type Lookup</p> <p>Refers To ContentAsset</p>
WorkspaceType	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Differentiates between different types of libraries. Valid values are:</p> <ul style="list-style-type: none"> • R — Regular library • B — Org asset library <p>This field is available in API version 39.0 and later.</p>

Usage

Use this object to query libraries to find out where documents can be published.

If the content type isn't specified when publishing a new version into a library, it is determined by the `DefaultRecordTypeId` of the primary library.

As of 40.0, you can create, update, or delete a library via the API.

SEE ALSO:

[ContentWorkspaceDoc](#)

ContentWorkspaceDoc

Represents a link between a document and a public library in Salesforce CRM Content. This object is available in versions 17.0 and later.



Note: This object does not apply to documents and versions in a personal library.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Customer and Partner Portal users must have the “View Content in Portal” permission in order to query and obtain content in libraries where they have access.
- Customer and Partner Portal users can only edit documents if they have a Salesforce CRM Content feature license.
- To create a ContentWorkspaceDoc, you must be a member of the library with one of these library privileges enabled:
 - “Add Content”
 - “Add Content On Behalf of Others”
 - “Manage Library”
- To query all library documents in a library, a user must be a member of that library, regardless of library permissions.

Fields

Field	Details
ContentDocumentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Read only. ID of the library document. This is a relationship field.</p> <p>Relationship Name ContentDocument</p> <p>Relationship Type Lookup</p>

Field	Details
	Refers To ContentDocument
ContentWorkspaceId	Type reference Properties Create, Filter, Group, Sort Description Read only. ID of the library. This is a relationship field. Relationship Name ContentWorkspace Relationship Type Lookup Refers To ContentWorkspace
IsOwner	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Read only. Indicates whether the library owns the document and determines permissions for that document (<code>true</code>) or not (<code>false</code>). Documents can belong to more than one library, but only one library owns the document and determines its permissions.

Usage

- Use this object to link a document to one or more libraries.
- To share a document with additional libraries, create additional ContentWorkspaceDoc records which join the document to the additional libraries.
- Inserting a ContentWorkspaceDoc triggers the publish process for public libraries.
- A document can be published into many public libraries, but it will always be owned by one library which controls the security of the document.
- A document can only be published into the document owner's personal library. You can't publish into another user's personal library. Personal libraries are not visible via the API.
- To publish a document into a personal library, you must specify your user ID as the first publish location ID. If you leave the first publish location ID blank, it defaults to the current user's ID.
- A document can be published from a personal library into a public library, but once it has been published into the public library, it can't be published into the personal library again.

- You can't publish a document from a personal library into a public library that has restricted content types.
- You can't update or delete a library document via the API.

SEE ALSO:
[ContentWorkspace](#)

ContentWorkspaceMember

Represents a member of a content library. This object is available in API version 40.0 and later.
Manage library membership from the API.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

A user can create/update/delete memberships if they have the Manage Salesforce CRM Content admin perm or the Manage Library permission for the library concerned.

Fields

Field	Details
ContentWorkspaceId	<div>Type</div> <div>reference</div> <div>Properties</div> <div>Create, Filter, Group, Sort</div> <div>Description</div> <div>ID of the library.</div> <div>This is a relationship field.</div> <div>Relationship Name</div> <div>ContentWorkspace</div> <div>Relationship Type</div> <div>Lookup</div> <div>Refers To</div> <div>ContentWorkspace</div>
ContentWorkspacePermissionId	<div>Type</div> <div>reference</div> <div>Properties</div> <div>Create, Filter, Group, Nillable, Sort, Update</div>

Field	Details
	<p>Description</p> <p>The id of the library permission or role.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>ContentWorkspacePermission</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>ContentWorkspacePermission</p>
MemberId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Namepointing, Sort</p> <p>Description</p> <p>ID of the library member (the member is either a user or a group).</p> <p>This is a polymorphic relationship field.</p> <p>Relationship Name</p> <p>Member</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>Group, User</p>
MemberType	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description</p> <p>The type of library member. Valid values are:</p> <ul style="list-style-type: none">• G - Group• U - User

Usage

Use this object to create, update, or delete members from a library.

ContentWorkspacePermission

Represents a library permission. This object is available in API version 40.0 and later.

A library permission is a group of privileges assigned to each content library member. It determines which tasks a member can perform in a particular library. The same user can have a different library permission in each of his or her libraries.

 **Note:** Library permissions do not apply to personal libraries. All library users can save files in their personal libraries.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

The ability to create permissions requires either the Manage Salesforce CRM Content admin perm or the Manage Content Permissions user perm.

Fields

Field	Details
Description	Type textarea Properties Create, Filter, Nillable, Sort, Update Description
Name	Type string Properties Create, Filter, Group, idLookup, Namefield, Sort, Update Description Name of the library.
PermissionsAddComment	Type boolean Properties Create, Filter, Update Description Permission for user to post comments to any content in the library and view all comments in the library. Users can edit or delete their own comments.
PermissionsAddContent	Type boolean Properties Create, Filter, Update

Field	Details
	<p>Description</p> <p>Permission for user to publish new content to the library, upload new content versions, or restore archived (deleted) content. Content authors can also change any tags associated with their content and archive or delete their own content.</p>
PermissionsAddContentOBO	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>Permission for user to choose an author when publishing content in the library.</p>
PermissionsArchiveContent	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>Permission for user to archive and restore any content in the library.</p>
PermissionsChatterSharing	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>Permission for user to make content from this library accessible outside of the library, sharing with a record or in Chatter. From a record or from Chatter, select a file from the library and attach it to a record or a post.</p>
PermissionsDeleteContent	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>Permission for user to delete any content in the library. Authors can undelete their own content from the Recycle Bin.</p>
PermissionsDeliverContent	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>Permission for user to share content outside the org via a content delivery or public link.</p>

Field	Details
PermissionsFeatureContent	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Permission for user to identify any content in the library as “featured.”</p>
PermissionsManageWorkspace	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Permission for user to perform any action in the library. This privilege is required to edit a library’s name and description, add or remove library members, or delete a library. Manage Library is a super permission which provides all other permission options listed except Deliver Content. Creating a library requires the Manage Salesforce CRM Content app permission or Create Libraries system permission.</p>
PermissionsModifyComments	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Permission for user to edit or delete comments made to any content in the library.</p>
PermissionsOrganizeFileAndFolder	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Permission for user to create, rename, and delete folders in libraries.</p>
PermissionsTagContent	<p>Type boolean</p> <p>Properties Create, Filter, Update</p> <p>Description Permission for user to add tags when publishing content or editing content details in the library.</p>
PermissionsViewComments	<p>Type boolean</p>

Field	Details
	Properties Create, Filter, Update Description Permission for user to view comments.
Type	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description Provides the type of access a user has to a library. Valid values are: <ul style="list-style-type: none">• Library Administrator• Author• Viewer• Custom

ContentWorkspaceSubscription

Represents a subscription for a user following a library. This object is available in API version 42.0 and later.

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

Only users with Modify All Data permission have access to this object.

Fields

Field	Details
ContentWorkspaceId	Type reference Properties Filter, Group, Sort Description ID of the library. This is a relationship field.

Field	Details
	Relationship Name ContentWorkspace Relationship Type Lookup Refers To ContentWorkspace
UserId	Type reference Properties Filter, Group, Sort Description ID of the user following the library. This is a relationship field. Relationship Name User Relationship Type Lookup Refers To User

ContextParamMap

Represents optional context data for a Conversation or a ConversationParticipant. This object is available in API version 57.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
ContextEntityId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the Conversation or ConversationParticipant record. This field is a polymorphic relationship field.

Field	Details
	Relationship Type Lookup Refers To Conversation, ConversationParticipant
MapKey	Type string Properties Filter, Group, Nillable, Sort Description The key for the context data.
MapValue	Type string Properties Filter, Nillable, Sort Description The value for the context data.

Contract

Represents a contract (a business agreement) associated with an Account.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountId	Type reference Properties Create, Filter, Group, Sort, Update Description Required. ID of the Account associated with this contract. This is a relationship field.

Field	Details
	Relationship Name Account
	Relationship Type Lookup
	Refers To Account
ActivatedById	Type reference
	Properties Filter, Group, Nillable, Sort, Update
	Description ID of the User who activated this contract. This is a relationship field.
	Relationship Name ActivatedBy
	Relationship Type Lookup
	Refers To User
ActivatedDate	Type dateTime
	Properties Filter, Nillable, Sort, Update
	Description Date and time when this contract was activated.
BillingAddress	Type address
	Properties Filter, Nillable
	Description The compound form of the billing address. Read-only. See Address Compound Fields for details on compound address fields.
BillingCity	Type string
	Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description Details for the billing address. Maximum size is 40 characters.
BillingCountry	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Details for the billing address of this account. Maximum size is 80 characters.
BillingCountryCode	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The ISO country code for the contract's billing address.
BillingGeocodeAccuracy	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The accuracy of the geocode for the billing address. Possible values are: <ul style="list-style-type: none"> • Address • Block • City • County • ExtendedZip • NearAddress • Neighborhood • State • Street • Unknown • Zip
BillingLatitude	Type double Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description Used with <code>BillingLongitude</code> to specify the precise geolocation of a billing address. Acceptable values are numbers between –90 and 90 with up to 15 decimal places.
<code>BillingLongitude</code>	Type double Properties Create, Filter, Nillable, Sort, Update Description Used with <code>BillingLatitude</code> to specify the precise geolocation of a billing address. Acceptable values are numbers between –180 and 180 with up to 15 decimal places.
<code>BillingPostalCode</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Details for the billing address of this account. Maximum size is 20 characters.
<code>BillingState</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Details for the billing address. Maximum size is 80 characters.
<code>BillingStateCode</code>	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The ISO state code for the contract’s billing address.
<code>BillingStreet</code>	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description Street address for the billing address.
<code>CompanySignedDate</code>	Type date

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description Date on which the contract was signed by your organization.
CompanySignedId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description ID of the User who signed the contract. This is a relationship field. Relationship Name CompanySigned Relationship Type Lookup Refers To User
ContractNumber	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Number of the contract.
ContractTerm	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description Number of months that the contract is valid.
CustomerSignedDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description Date on which the customer signed the contract.

Field	Details
CustomerSignedId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the Contact who signed this contract. This is a relationship field.</p> <p>Relationship Name CustomerSigned</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
CustomerSignedTitle	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Title of the customer who signed the contract.</p>
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Description of the contract.</p>
EndDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort,</p> <p>Description Read-only. Calculated end date of the contract. This value is calculated by adding the <code>ContractTerm</code> to the <code>StartDate</code>.</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p>

Field	Details
	Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted .
LastActivityDate	Type date Properties Filter, Group, Nillable, Sort Description Value is one of the following, whichever is the most recent: <ul style="list-style-type: none"> Due date of the most recent event logged against the record. Due date of the most recently closed task associated with the record.
LastApprovedDate	Type dateTime Properties Filter, Nillable, Sort Description Last date the contract was approved.
LastReferencedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.
LastViewedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.
OwnerExpirationNotice	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field	Details
	<p>Description</p> <p>Number of days ahead of the contract end date (15, 30, 45, 60, 90, and 120). Used to notify the owner in advance that the contract is ending.</p>
OwnerId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>ID of the user who owns the contract.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>Owner</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>User</p>
Pricebook2Id	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>ID of the pricebook, if any, associated with this contract.</p>
RecordTypeId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Nillable, Update</p> <p>Description</p> <p>ID of the record type assigned to this object.</p>
ShippingAddress	<p>Type</p> <p>address</p> <p>Properties</p> <p>Filter, Nillable</p> <p>Description</p> <p>The compound form of the shipping address. Read-only. See Address Compound Fields for details on compound address fields.</p>

Field	Details
ShippingCity	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Details of the shipping address. City maximum size is 40 characters.</p>
ShippingCountry	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Details of the shipping address. Country maximum size is 80 characters.</p>
ShippingCountryCode	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ISO country code for the contract's shipping address.</p>
ShippingLatitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Used with <code>ShippingLongitude</code> to specify the precise geolocation of a shipping address. Acceptable values are numbers between –90 and 90 with up to 15 decimal places.</p>
ShippingLongitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Used with <code>ShippingLatitude</code> to specify the precise geolocation of an address. Acceptable values are numbers between –180 and 180 with up to 15 decimal places.</p>
ShippingPostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	Description Details of the shipping address. Postal code maximum size is 20 characters.
ShippingState	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Details of the shipping address. State maximum size is 80 characters.
ShippingStateCode	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The ISO state code for the contract's shipping address.
ShippingStreet	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description The street address of the shipping address. Maximum of 255 characters.
SpecialTerms	Type textarea Properties Create, Filter, Nillable, Sort, Update Description Special terms that apply to the contract.
StartDate	Type date Properties Create, Filter, Group, Nillable, Sort, Update Description Start date for this contract. Label is Contract Start Date .
Status	Type picklist Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update

Field	Details
	Description The picklist of values that indicate order status. Each value is within one of two status categories defined in <code>StatusCode</code> . For example, the status picklist may contain: Ready to Ship, Shipped, Received as values within the Activated <code>StatusCode</code> .
<code>StatusCode</code>	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The status category for the contract. A contract can be Draft, InApproval, or Activated. Label is Status Category .

Usage

The Contract object represents a business agreement.

The `Status` field specifies the current state of a contract. Status strings (defined in the `ContractStatus` object) represent its current state (Draft, InApproval, or Activated).

Client applications must initially create a Contract in a non-Activated state. Client applications can subsequently activate a Contract by updating it and setting the value in its `Status` field to Activated; however, the `Status` field is the only field you can update when activating the Contract.

Once a Contract has been activated, your client application can't change its status; however, prior to activation, your client application can change the status value from Draft to InApproval via the API. Also, your client application can delete contracts whose status is Draft or InApproval but not when a contract status is Activated.

Client applications can use the API to create, update, delete, and query any Attachment associated with a contract.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[AccountChangeEvent](#) (API version 46.0)

Change events are available for the object.

[ContractFeed](#) (API version 18.0)

Feed tracking is available for the object.

[ContractHistory](#)

History is available for tracked fields of the object.

SEE ALSO:

[ContractContactRole](#)

[ContractStatus](#)

ContractContactRole

Represents the role that a Contact plays on a Contract.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
ContactId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the Contact associated with this Contract. This is a relationship field.</p> <p>Relationship Name Contact</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
ContractId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the Contract. This is a relationship field.</p> <p>Relationship Name Contract</p> <p>Relationship Type Lookup</p> <p>Refers To Contract</p>
IsDeleted	<p>Type boolean</p>

Field	Details
	<p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
IsPrimary	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Specifies whether this Contact plays the primary role on this Contract (<code>true</code>) or not (<code>false</code>). Each contract has one primary contact role. Default is <code>false</code>. Labels is Primary.</p>
Role	<p>Type picklist</p> <p>Properties Create, Filter, Nillable, Group, Sort, Update</p> <p>Description Name of the role played by the Contact on this Contract, such as Decision Maker, Approver, Buyer, and so on. Must be unique—there can't be multiple records in which the <code>ContractId</code>, <code>ContactId</code>, and <code>Role</code> values are identical. Different contacts can play the same role on the same contract. A contact can play different roles on the same contract.</p>

SEE ALSO:

[ContractStatus](#)

ContractLineItem

Represents a product covered by a service contract (customer support agreement). This object is available in API version 18.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AssetId	<p>Type reference</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description Required. ID of the Asset associated with the contract line item. Must be a valid asset ID.</p>
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Description of the contract line item.</p>
Discount	<p>Type percent</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description <p>The discount for the product as a percentage.</p> <p>When updating, if you specify <code>Discount</code> without specifying <code>TotalPrice</code>, the <code>TotalPrice</code> will be adjusted to accommodate the new <code>Discount</code> value, and the <code>UnitPrice</code> will be held constant.</p> <p>If you specify both <code>Discount</code> and <code>Quantity</code>, you must also specify either <code>TotalPrice</code> or <code>UnitPrice</code> so the system can determine which one to automatically adjust.</p> </p>
EndDate	<p>Type date</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The last day the contract line item is in effect.</p>
LastReferencedDate	<p>Type date</p> <p>Properties Filter, Nillable, Sort, Update</p>

Field	Details
	Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.
LastViewedDate	Type date Properties Filter, Nillable, Sort, Update Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (LastReferencedDate) but not viewed it.
LineItemNumber	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Update Description Automatically-generated number that identifies the contract line item.
ListPrice	Type currency Properties Filter, Nillable Description Corresponds to the UnitPrice on the PricebookEntry that is associated with this line item, which can be in the standard pricebook or a custom pricebook. A client application can use this information to show whether the unit price (or sales price) of the line item differs from the pricebook entry list price.
LocationId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The location associated with the contract line item.
ParentContractLineItemId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update

Field	Details
	Description The line item's parent line item, if it has one.
PricebookEntryId	Type reference Properties Create, Filter, Update Description Required. ID of the associated PricebookEntry. Only exists if Product2 is enabled.
Product2Id	Type reference Properties Filter, Group, Nillable, Sort Description The product related to the contract line item.
Quantity	Type double Properties Create, Filter, Update Description Number of units of the contract line item (product) included in the associated service contract.
RootContractLineItemId	Type reference Properties Filter, Group, Nillable, Sort Description (Read only) The top-level line item in a contract line item hierarchy. Depending on where a line item lies in the hierarchy, its root could be the same as its parent.
ServiceContractId	Type reference Properties Create, Filter Description Required. ID of the ServiceContract associated with the contract line item. Must be a valid asset ID.

Field	Details
StartDate	<p>Type date</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The first day the contract line item is in effect.</p>
Status	<p>Type picklist</p> <p>Properties Filter, Nillable</p> <p>Description Status of the contract line item.</p>
Subtotal	<p>Type currency</p> <p>Properties Filter, Nillable</p> <p>Description Contract line item's sales price multiplied by the <code>Quantity</code>.</p>
TotalPrice	<p>Type currency</p> <p>Properties Filter, Nillable</p> <p>Description This field is available only for backward compatibility. It represents the total price of the <code>ContractLineItem</code>. If you specify <code>Discount</code> and <code>Quantity</code>, this field or <code>UnitPrice</code> is required. This field is nillable, but you can't set both <code>TotalPrice</code> and <code>UnitPrice</code> to null in the same update request. To insert the <code>TotalPrice</code> for a contract line item via the API (given only a unit price and the quantity), calculate this field as the unit price multiplied by the quantity.</p>
UnitPrice	<p>Type currency</p> <p>Properties Create, Filter, Update</p> <p>Description The unit price for the contract line item. In the user interface, this field's value is calculated by dividing the total price of the contract line item by the quantity listed for that line item. Label is Sales Price.</p>

Field	Details
	This field or <code>TotalPrice</code> is required. You can't specify both. If you specify <code>Discount</code> and <code>Quantity</code> , this field or <code>TotalPrice</code> is required.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

ContractLineItemChangeEvent (API version 44.0)

Change events are available for the object.

ContractLineItemFeed

Feed tracking is available for the object.

ContractLineItemHistory

History is available for tracked fields of the object.

ContractLineOutcome

Represents information on a contract line outcome's captured data and other related parameters that are used when capturing data. This object is available in API version 58.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

- Field Service must be enabled.
- Entitlements must be enabled.

Fields

Field	Details
<code>CalculationMethod</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The calculation method that is used for calculating the contract line outcome's captured data to determine the final outcome value. For example, an average of the captured data determines the final outcome value.</p>

Field	Details
	<p>Possible values are:</p> <ul style="list-style-type: none"> AsCaptured Average
CaptureFrequency	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The frequency at which data capturing for the contract line outcome occurs.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> Daily Monthly Weekly
ComplianceStatus	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Indicates if the criteria were met. Compliant–The outcome is compliant with the contract. Not Compliant–The outcome isn't compliant with the contract. Not Available–The outcome's compliance information isn't available yet. Invalid–The outcome isn't valid because the option selected for the Criteria Field of the recordset filter criteria was deleted. To restart the calculation, create a new contract line outcome.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> Compliant Invalid NotAvailable NotCompliant <p>The default value is NotAvailable.</p>
ContractLineItemId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The contract line item associated with the contract line outcome.</p> <p>This field is a relationship field.</p>

Field	Details
	Relationship Name ContractLineItem
	Relationship Type Lookup
	Refers To ContractLineItem
Description	Type textarea
	Properties Create, Nillable, Update
	Description A description of the contract line outcome.
EndDate	Type dateTime
	Properties Create, Filter, Sort, Update
	Description The contract line outcome's data capture end date.
LastReferencedDate	Type dateTime
	Properties Filter, Nillable, Sort
	Description The date and time when the contract line outcome was last modified. Its UI label is Last Modified Date.
LastViewedDate	Type dateTime
	Properties Filter, Nillable, Sort
	Description The date and time when the contract line outcome was last viewed.
Name	Type string
	Properties Create, Filter, Group, idLookup, Sort, Update

Field	Details
	Description The name of the contract line outcome.
NextDataCaptureDate	Type dateTime Properties Filter, Nillable, Sort Description The contract line outcome's next data capture date.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The contract line outcome's owner. By default, the owner is the user who created the contract line outcome record. Its UI label is Contract Line Outcome Owner. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
RecordsetFilterCriteriaId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description The ID of the recordset filter criteria in which the contract line outcome's conditions are defined. This field is a relationship field. Relationship Name RecordsetFilterCriteria Relationship Type Lookup Refers To RecordsetFilterCriteria

Field	Details
ServiceContractId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The service contract associated with the contract line item and the contract line outcome. This field is a relationship field.</p> <p>Relationship Name ServiceContract</p> <p>Relationship Type Lookup</p> <p>Refers To ServiceContract</p>
StartDate	<p>Type dateTime</p> <p>Properties Create, Filter, Sort, Update</p> <p>Description The contract line outcome's data capture start date.</p>

Usage

Use this object to define the data capture frequency and other related parameters that are used when capturing data in order to evaluate a service contract's compliance.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ContractLineOutcomeChangeEvent](#) on page 52

Change events are available for the object.

[ContractLineOutcomeFeed](#) on page 39

Feed tracking is available for the object.

[ContractLineOutcomeHistory](#) on page 47

History is available for tracked fields of the object.

[ContractLineOutcomeOwnerSharingRule](#) on page 48

Sharing rules are available for the object.

ContractLineOutcomeShare on page 50
Sharing is available for the object.

SEE ALSO:
[ContractLineOutcomeData](#)

ContractLineOutcomeData

Represents the contract line outcome’s captured data. It stores the data that was captured between the contract line outcome’s start date and end date. This object is available in API version 58.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

- Field Service must be enabled.
- Entitlements must be enabled.

Fields

Field	Details
CalculatedValue	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The value calculated based on the contract line outcome’s calculation method and the captured data.</p>
CaptureDate	<p>Type dateTime</p> <p>Properties Create, Filter, Sort, Update</p> <p>Description The date and time when the data was captured.</p>
ContractLineOutcomeId	<p>Type reference</p>

Field	Details
	<p>Properties Create, Filter, Group, Sort</p> <p>Description The contract line outcome associated with the contract line outcome data record. This field is a relationship field.</p> <p>Relationship Name ContractLineOutcome</p> <p>Relationship Type Lookup</p> <p>Refers To ContractLineOutcome</p>
KeyPerformanceIndicator	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The key performance indicators (fields or asset attributes) that define the contract line outcome's compliance status.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the contract line outcome data record was last modified. Its UI label is Last Modified Date.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the contract line outcome data record was last viewed.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The name of the contract line outcome data record.</p>

Field	Details
Value	<p>Type</p> <p>double</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The actual value of the key performance indicator.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[ContractLineOutcomeDataChangeEvent](#) on page 52

Change events are available for the object.

[ContractLineOutcomeDataFeed](#) on page 39

Feed tracking is available for the object.

[ContractLineOutcomeDataHistory](#) on page 47

History is available for tracked fields of the object.

[ContractLineOutcomeDataOwnerSharingRule](#) on page 48

Sharing rules are available for the object.

[ContractLineOutcomeDataShare](#) on page 50

Sharing is available for the object.

ContractStatus

Represents the status of a Contract, such as Draft, InApproval, Activated, Terminated, or Expired.



Important: Where possible, we changed noninclusive terms to align with our company value of Equality. Because changing terms in our code can break current implementations, we maintained this object's name.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
ApiName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, idLookup, Sort</p>

Field	Details
	Description Uniquely identifies a picklist value so it can be retrieved without using an id or primary label.
IsDefault	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether this is the default contract status value (<code>true</code>) or not (<code>false</code>) in the picklist.
MasterLabel	Type string Properties Filter, Group, Nillable, Sort Description Label for this contract status value. This display value is the internal label that does not get translated.
SortOrder	Type int Properties Filter, Group, Nillable, Sort Description Number used to sort this value in the contract status picklist. These numbers are not guaranteed to be sequential, as some previous contract status values might have been deleted.
StatusCode	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Code indicating the status of a contract. One of the following values: <ul style="list-style-type: none">• <code>Draft</code>• <code>InApproval</code>• <code>Activated</code> Two other values (<code>Terminated</code> and <code>Expired</code>) are defined but are not available for use via the API.

Usage

This object represents a value in the contract status picklist. The contract status picklist provides additional information about the status of a Contract, such as its current state (`Draft`, `InApproval`, or `Activated`). You can query these records to retrieve the set of values in the contract status picklist, and then use that information while processing Contract objects to determine more information about a given contract. For example, the application could test whether a given contract is activated based on its `Status` value and the value of the `StatusCode` property in the associated `ContractStatus` object.

SEE ALSO:
[ContractContactRole](#)

ContractTag

Associates a word or short phrase with a Contract.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ItemId	<p>Type reference</p> <p>Properties Create, Filter</p> <p>Description ID of the tagged item.</p>
Name	<p>Type string</p> <p>Properties Create, Filter</p> <p>Description Name of the tag. If this value does not already exist, a new TagDefinition is created and becomes the parent of this Tag object. Otherwise, a TagDefinition with the same name becomes the parent of this Tag object. Parent relationships are created automatically.</p>
TagDefinitionId	<p>Type reference</p> <p>Properties Filter</p>

Field Name	Details
	Description ID of the parent TagDefinition object that owns the tag.
Type	Type picklist Properties Create, Filter, Restricted picklist Description Defines the visibility of a tag. Valid values: <ul style="list-style-type: none"> • Public—The tag can be viewed and manipulated by all users in an organization. • Personal—The tag can be viewed or manipulated only by a user with a matching <code>OwnerId</code>.

Usage

ContractTag stores the relationship between its parent TagDefinition and the Contract being tagged. Tag objects act as metadata, allowing users to describe and organize their data.

When a tag is deleted, its parent TagDefinition will also be deleted if the name is not being used; otherwise, the parent remains. Deleting a TagDefinition sends it to the Recycle Bin, along with any associated tag entries.

Conversation

Represents a conversation between an end user and an agent. Available in API version 49.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
ConversationChannelId	Type reference Properties Filter, Group, idLookup, Sort

Field	Details
	<p>Description</p> <p>The record ID of the channel used to initialize the conversation. This can either be a messaging channel for the Messaging product or a call center for the Service Cloud Voice product. Available in API version 50.0 and later.</p>
ConversationIdentifier	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, idLookup, Sort</p> <p>Description</p> <p>A unique identifier generated for the conversation.</p>
EndTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The date and time that a conversation ends.</p>
Name	<p>Type</p> <p>string</p> <p>Properties</p> <p>Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description</p> <p>The autogenerated name of the conversation.</p>
StartTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The date and time that a conversation starts.</p>

ConversationContextEntry

Represents the context of a message or an event in the chat history between an agent and a messaging user. This object is available in API version 47.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only authenticated internal and external users can access this object.

Fields

Field	Details
ConversationContextEntryName	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The autogenerated number of the entry.</p>
CustomDetailContextKey	<p>Type textarea</p> <p>Properties Create, Nillable</p> <p>Description The key or name of the pre-chat field specified by the admin in the pre-chat implementation, for example, <code>customer_email</code>.</p>
CustomDetailContextValue	<p>Type textarea</p> <p>Properties Create, Nillable</p> <p>Description The value entered in the pre-chat field by a user before starting the chat.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The Conversation ID this entry is associated with.</p>

ConversationChannelDefinition

Represents a configurable definition of a conversation channel that's implemented for interaction service. Examples of conversation channels include Messaging and Voice. This object is available in API version 60.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

To access this object, interaction service must be configured. Access to standard objects requires Salesforce admin privileges or the Customize Application permission.

Fields

Field	Details
<code>CapabilitiesSupportsDoubleOptInConsent</code>	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the channel supports (<i>true</i>) the Double Opt-In consent level. The default value is <i>false</i>. If set to true, then <code>capabilitiesSupportsExplicitConsent</code> must also be set to true. This field is optional and isn't supported for Partner Messaging.</p>
<code>CapabilitiesSupportsExplicitConsent</code>	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the channel supports (<i>true</i>) the Explicit Opt-In consent level. This field is optional.</p>
<code>CapabilitiesSupportsImplicitConsent</code>	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the channel supports (<i>true</i>) the Implicit Opt-In consent level. This value is required and must always be set to true. The default value is false.</p>

Field	Details
CapabilitiesSupportsIsoCountryCode	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the channel supports (<i>true</i>) ISO country codes. The default value is false.</p>
CapabilitiesSupportsKeywords	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the channel supports (<i>true</i>) keywords. The default value is false.</p>
ConnectedAppOAuthLink	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description DO NOT SET OR CHANGE THIS VALUE. This value is automatically generated. This field represents the OAuth link for the connected app. This is a string identifier to the connected app containing the partner Org ID and the consumer ID minus the key prefixes.</p>
ConsentOwner	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The system the customer uses to manage consent levels. Possible values are:</p> <ul style="list-style-type: none"> • Partner • Salesforce <p>The default value is <i>Salesforce</i>. For example, if set to <i>Salesforce</i>, consent levels are managed by the Salesforce system. If set to <i>Partner</i>, consent levels are managed by the partner's telephony system. For Partner Messaging, this value must be set to <i>Salesforce</i>.</p>
ConversationVendorInfoId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The <i>ConversationChannelDefinition.ConversationVendorInfoId</i> value used to link this record to the ConversationVendorInfo record. For example, 0m8000000000000123.</p> <p>This field is a relationship field.</p> <p>Relationship Name</p> <p>ConversationVendorInfo</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>ConversationVendorInfo</p>
customEventChnlAddrIdField	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The mapping field that points to the custom field used to point to the <i>ChannelAddressIdentifier</i> field.</p> <p>This field is deprecated in API version 60.0 and will be removed in API version 61.0. Use a combination of <i>customEventTypeField</i> and <i>customEventPayloadField</i> instead.</p>
CustomEventPayloadField	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The mapping field that points to the custom field used to point to the <i>Payload</i> field in the format <i><orgNamespace>__<CustomFieldName>__c</i>. This is the API name of the custom Payload field in the custom platform event. For example, devorg__Payload__c.</p>
customEventRecipientField	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The mapping field that points to the custom field used to point to the <i>Recipient</i> field.</p> <p>This field is deprecated in API version 60.0 and will be removed in API version 61.0. Use a combination of <i>customEventTypeField</i> and <i>customEventPayloadField</i> instead.</p>

Field	Details
CustomEventTypeField	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The mapping field that points to the custom field used to point to the Platform event type (EventType) field, in the format <code><orgNamespace>__<CustomFieldName>__c</code>. This is the API name of the custom EventType field in the custom platform event. For example, <code>devorg__EventType__c</code>.</p>
CustomPlatformEvent	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The API name of the custom platform event created for the Interaction Service API in the format <code><orgNamespace>__<CustomPlatformEventName>__e</code>. For example, <code>devorg__TestEvent__e</code>.</p>
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The unique name of the custom metadata type object in the API in the format <code><Prefix>_<ConversationChannelDefinition></code>, where <i>Prefix</i> matches the prefix you gave to the name of the interaction service connected app. For example, <code>Partner1_ChannelDefinition1</code>, where <code>Partner1</code> is the prefix and <code>ChannelDefinition1</code> is the given name.</p>
MasterLabel	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The UI label name for the custom metadata type object in the API. This name appears in several places in the UI, so include the partner channel name for easy identification. For example, <code>Channel Definition 1</code>.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, <i>NamespacePrefix</i> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, <i>NamespacePrefix</i> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix. <p><i>NamespacePrefix</i> is null if the publisher is Salesforce.</p>
RoutingOwner	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description</p> <p>The system the customer uses to manage routing for Partner Messaging.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> Partner Salesforce <p>The default value is <i>Salesforce</i>.</p> <p>For example, if set to <i>Salesforce</i>, consent levels are managed by the Salesforce system. If set to <i>Partner</i>, consent levels are managed by the partner's telephony system.</p> <p>For Partner Messaging, this value must be set to <i>Salesforce</i>.</p>

ConversationEntry

Represents a message or an event in the chat history between an agent and a messaging user. This object is available in API version 43.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

To use the ConversationEntry object, enable the Access Conversation Entries user permission, which is available in API version 50.0 and later. Earlier versions do not require permissions.

Fields

Field	Details
ActorId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The ID of the author. The possible values can be <code>null</code> or any ID in the following domain set:</p> <ul style="list-style-type: none"> • BotDefinition • LiveChatVisitor • MessagingEndUser • User <p>This is a polymorphic relationship field.</p> <p>Relationship Name Actor</p> <p>Relationship Type Lookup</p> <p>Refers To MessagingEndUser, User</p>
ActorName	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The name of the author sending the message or event.</p>
ActorType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The author of this entry in the chat history. The valid values include:</p> <ul style="list-style-type: none"> • Agent • Bot

Field	Details
	<ul style="list-style-type: none"> • EndUser • Supervisor • System
ClientDuration	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The length in milliseconds for the entry. This field is used with voice messages and other applicable use cases. This value may be 0 if not set by the client. This field is available in API version 51.0 and later.</p>
ClientTimestamp	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The timestamp sent by the client when it generated the entry. This field is available in API version 51.0 and later.</p>
ConversationId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The MessagingSession ID this entry belongs to. This is a polymorphic relationship field.</p> <p>Relationship Name Conversation</p> <p>Relationship Type Lookup</p> <p>Refers To MessagingSession, VoiceCall</p>
EntryEndTime	<p>Type datetime</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The timestamp that this entry ended in the chat history. This field is available in API version 48.0 and later.</p>

Field	Details
EntryTime	<p>Type datetime</p> <p>Properties Create, Filter, Sort</p> <p>Description The timestamp of this entry in the chat history.</p>
EntryTimeMillisecs	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The milliseconds value for the time when an entry was received by the server. Note that the related <code>EntryTime</code> field does not provide millisecond accuracy. This field is available in API version 51.0 and later.</p>
EntryType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The type of entry in the chat history. Can be a message (<code>text</code>) or an event. The possible values include:</p> <ul style="list-style-type: none"> • <code>Text</code> • <code>AdminOptedIn</code> • <code>AdminOptedOut</code> • <code>BotEscalated</code> • <code>ChatbotClosedIdleSession</code> • <code>ChatbotEndedChatByAction</code>—Conversation ended by automated action • <code>ChatbotEndedTransferNotConfigured</code>—Conversation ended because transfer fail is not configured • <code>ChatbotEstablished</code> • <code>ChatbotNotEstablished</code> • <code>EndUserOptedIn</code> • <code>EndUserOptedOut</code>
HasAttachments	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p>

Field	Details
	Description Indicates whether a message has attachments associated with it (<code>true</code>) or not (<code>false</code>).
Message	Type textarea Properties Create, Nillable Description The message or event sent by the author.
MessageDeliverTime	Type datetime Properties Create, Filter, Nillable, Sort Description Unused field reserved for future use.
MessageIdentifier	Type string Properties Create, Filter, Group, Nillable, Sort
MessageReadTime	Type datetime Properties Create, Filter, Nillable, Sort Description Unused field reserved for future use.
MessageSendTime	Type datetime Properties Create, Filter, Nillable, Sort Description Unused field reserved for future use.
MessageStatus	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort Description The status of the message sent by the author. The valid values include:

Field	Details
	<ul style="list-style-type: none">• Delivered• Error• Pending• Read• Sent
MessageStatusCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The code associated with a message status. <code>MessageStatusCode</code> is only populated when a message is undeliverable</p>
Seq	<p>Type int</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The sequence position of this entry in the chat history.</p>
ServerReceivedTimestamp	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The timestamp recorded when the server received the entry. This is a unique value and is used for ordering. This value can also be referred to as the “transcribed timestamp.” This field is available in API version 51.0 and later.</p>

ConversationParticipant

Represents an active participant in a conversation. A new `ConversationParticipant` record is created each time a participant joins a conversation. This object is available in API version 49.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
AppType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The type of app used by the participant, such as messaging, chatbot, live_message, agent. The nillable property is available in API version 51.0 and later.</p>
ConversationId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The record ID of the conversation that this participant is part of.</p>
JoinedTime	<p>Type dateTime</p> <p>Properties Filter, Sort</p> <p>Description The date and time that a participant joined a conversation.</p>
LastActiveTime	<p>Type dateTime</p> <p>Properties Filter, Sort</p> <p>Description The date and time that a participant was last active during a conversation.</p>
LeftTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time that a participant left a conversation.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p>

Field	Details
	Description The autogenerated name of the conversation participants.
ParticipantContext	Type string Properties Filter, Group, Nillable, Sort Description An identifier, such as a Facebook page, to add context about this participant.
ParticipantEntityId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the record connected to this participant record, such as a Contact, Messaging End User, or User record.
ParticipantKey	Type string Properties Filter, idLookup, Group, Nillable, Sort Description A value that uniquely identifies this participant.
ParticipantRole	Type string Properties Filter, Group, Nillable, Sort Description The role of this participant in the conversation, such as Agent, End User, or Supervisor.

ConvMessageSendRequest

Represents a request to send a template-based messaging component to a series of messaging users in an enhanced WhatsApp, enhanced Apple Messages for Business, or Messaging for In-App and Web channel. This object is available in API version 60.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

Messaging and its associated objects are available only in Enterprise, Unlimited, and Developer Editions for Service Cloud or Sales Cloud with the Digital Engagement add-on license.

Fields

Field	Details
AllowExistingSessionStatus	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description Indicates whether the message can be sent only at certain times.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> Any—Send the message regardless of whether the messaging user is engaged in an active messaging session with the business. Closed—Send the message unless the messaging user is engaged in a messaging session with a status other than Error or Ended, in which case it is never sent. NonActive—Send the message unless the messaging user is engaged in a messaging session with a status of Active, in which case it is never sent.
CompletedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date and time when the request is completed and all messages associated with the request are processed, meaning they were sent or failed to be sent.</p>
FailedMessageCount	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description The number of messages that failed to be delivered to a messaging user. For example, if a flow sends the message to a series of 50 messaging users and 4 don't receive the message, this value is 4.</p>
FailedMessageErrorReasons	<p>Type textarea</p> <p>Properties Nillable</p>

Field	Details
	Description The error reason for each of the failed messages. For example, if 4 messages fail to send, this field shows the error reason for each failed message.
FailedMessageIdentifiers	Type textarea Properties Nillable Description The IDs of the messages that failed to send. For example, if 4 messages fail to send, this field shows 4 message IDs.
InProgressMessageCount	Type int Properties Defaulted on create, Filter, Group, Sort Description The number of messages in the process of being sent.
InProgressMessageIdentifiers	Type string Properties Filter, Group, Nillable, Sort Description A list of IDs of the messages being sent.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description An auto-generated ID for the request that uses the format MSJ-{00000000}.
PendingMessageCount	Type int Properties Filter, Group, Sort Description The number of messages that haven't yet been sent.
PendingMessageIdentifiers	Type textarea

Field	Details
	<p>Properties Nillable</p> <p>Description A list of IDs of the pending messages.</p>
RequestStatus	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The status of the request. Possible values are:</p> <ul style="list-style-type: none"> Completed Pending In Progress—The system is actively trying to send the message. If a message can't be sent, the RequestStatus returns to Pending and sending is retried later.
RequestType	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The type of request. Possible values are:</p> <ul style="list-style-type: none"> SendNotificationMessages
ShouldEnforceChannelConsent	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the existing Messaging channel consent preferences are applied when determining who receives the message. Setting this value to <code>true</code> is the most common approach. The default value, <code>false</code>, allows you to add custom consent logic—for example, to customize a flow to send the message to both implicitly opted-in users and explicitly opted-in users.</p>
SuccessMessageCount	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p>

Field	Details
	Description The number of messages that were successfully sent to messaging users. Delivery may occur much later than sending, depending on factors such as the connectivity status of the recipient. Delivery is reflected in the messaging session transcript.
SuccessMessageIdentifiers	Type textarea Properties Nillable Description A list of IDs of the messages that were sent.
TotalMessageCount	Type int Properties Filter, Group, Nillable, Sort Description The number of messages that the related flow attempted to send. This field is a calculated field.

Usage

A ConvMessageSendRequest can be generated by a flow, Apex code, or REST API call that invokes the sendConversationMessages invocable action. Use the ConvMessageSendRequest object to query messages sent by the sendConversationMessages invocable action.

ConversationVendorInfo

This setup object connects the partner vendor system to the Service Cloud feature. For example, for Service Cloud Voice, this object contains information about the partner telephony system. For Partner Messaging, this object contains information about the partner messaging system. This object is available in API version 52.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

This object requires a license for Service Cloud Voice for Partner Telephony.


Fields

The fields in the ConversationVendorInfo object apply to all Service Cloud features unless otherwise stated in the field description. For example, if a field applies to just one Service Cloud Voice telephony model setup or is applied differently by different partner systems, this is stated in the field description.

Field	Details
AwsAccountKey	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The 12-digit AWS subaccount ID that's automatically provisioned for you when Service Cloud Voice was turned on. Available in API version 55.0 and later.</p> <p>Only Only applies to the following Service Cloud Voice telephony implementation:</p> <ul style="list-style-type: none"> Service Cloud Voice with Amazon Connect
AwsRootEmail	<p>Type email</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The email address used by Salesforce to create the root user for the provisioned AWS subaccount when Service Cloud Voice was turned on. Available in API version 55.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementation:</p> <ul style="list-style-type: none"> Service Cloud Voice with Amazon Connect
AwsTenantVersion	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The version number of the SVCTenantStack AWS CloudFormation stack that's deployed. The stack is deployed in AWS region "us-east-1". Available in API version 55.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementation:</p> <ul style="list-style-type: none"> Service Cloud Voice with Amazon Connect
agentSSOSupported	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p>

Field	Details
	<p>Description</p> <p>If set to <code>true</code>, agents can single sign-on (SSO) into their contact center using Salesforce as the identity provider (IdP). Behind the scenes, Salesforce is used as the SAML IdP in the Single Sign-On connected app for the contact center. If set to <code>false</code>, an IdP other than Salesforce is used or an IdP isn't used at all. The default value is <code>false</code>.</p> <p>If this value is set to <code>false</code> and you want to use Salesforce as the IdP for your contact center, set this value and the <code>namedCredentialSupported</code> value to <code>true</code> and configure the <code>service_cloud_voice.PartnerSSO</code> interface in your Apex integration class.</p> <p>Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
BridgeComponent	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The Lightning component used to communicate between the telephony system and other Lightning components.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
CapabilitiesSupportsQueueManagement	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>If set to <code>true</code>, supports queue management. The default value is <code>false</code>. Available in API version 56.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
ClientAuthMode	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>The client authentication mode.</p>

Field	Details
	<p>Possible values are:</p> <ul style="list-style-type: none"> • Custom • Mixed • SSO <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
ConnectorUrl	<p>Type url</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The URL that hosts your Service Cloud Voice connector. This value could be a Visualforce page or a public URL.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
customConfig	<p>Type CustomEntityDefinition</p> <p>Properties Create, Filter, Group, Update</p> <p>Description The foreign key to the CustomEntityDefinition, which contains partner-specific custom settings. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
CustomLoginUrl	<p>Type url</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The URL that hosts your telephony system login page.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect

Field	Details
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name of the object in the API.</p> <p> Note: Only users with View DeveloperName or View Setup and Configuration permissions can view, group, sort, and filter this field.</p>
IsTaxCompliant	<p>Type string</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the Amazon tax settings for the AWS subaccount provisioned for Service Cloud Voice have been confirmed (<code>true</code>). The default value is <code>false</code>. Available in API version 55.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementation:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Amazon Connect
einsteinConversationInsightsSupported	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p> <p>Description If set to <code>true</code>, Einstein Conversation Insights is turned on. The default value is <code>false</code>. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
integrationClass	<p>Type ApexClass</p> <p>Properties Create, Filter, Group, Update</p> <p>Description The foreign key to the partner Apex class implementing supported interfaces. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony

Field	Details
	<ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony from Amazon Connect
IntegrationClassName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Deprecated in API version 53.0. Don't set this field. Instead, use <code>integrationClass</code>. Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
keyProvisioningSupported	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p> <p>Description If set to <code>true</code>, key provisioning and renewal are automated. The default value is <code>false</code>. Available in API version 54.0 and later. Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The language of the master label (<code>MasterLabel</code>) in the user interface. Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The partner vendor's display name as it appears in the UI. This name appears in several places in the UI, so include the partner vendor name for easy identification. For Service Cloud Voice, this label also represents the telephony provider name in the contact center record.</p>

Field	Details
	For Service Cloud Voice with Amazon Connect, this field is always set to <code>Service Cloud Voice</code> .
<code>namedCredential</code>	<p>Type Named Credential</p> <p>Properties Create, Filter, Group, Update</p> <p>Description A sample named credential that can be used for Apex callouts to the partner system. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
<code>namedCredentialSupported</code>	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p> <p>Description If set to <code>true</code> and if supported by the partner telephony, then prescriptive setup through a named credential is enabled allowing server-to-server communication with a named credential. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
<code>NamespacePrefix</code>	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The namespace prefix that's associated with this object.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Amazon Connect • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
<code>partnerContactCenterListSupported</code>	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p>

Field	Details
	<p>Description</p> <p>If set to <code>true</code>, enables the customer to select one contact center from a list of multiple contact centers to connect with Salesforce. The default value is <code>false</code>. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
partnerPhoneNumbersSupported	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Group, Update</p> <p>Description</p> <p>If set to <code>true</code>, displays a list of phone numbers used to create contact center channels. The default value is <code>false</code>. Available in API version 54.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
partnerTransferDestinationsSupported	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Group, Update</p> <p>Description</p> <p>If set to <code>true</code>, allows Salesforce to fetch contact center queues so that Salesforce and contact center queues can be mapped. The default value is <code>false</code>. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect
ServerAuthMode	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Deprecated in API 53.0. Server authentication mode. Set this value to <code>None</code>.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> Service Cloud Voice with Partner Telephony Service Cloud Voice with Partner Telephony from Amazon Connect

Field	Details
TelephonySettingsComponent	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The name of the Lightning Web Component (LWC) that is used to display additional agent settings in the Omni-Channel widget. This value is in the format <code>mynamespace:componentName</code>, where <code>mynamespace</code> is the namespace associated with the Service Cloud Voice package that was created, and <code>componentName</code> is the FQDN of the Lightning component.</p> <p>Available in API version 54.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementation:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony
universalCallRecordingAccessSupported	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p> <p>Description If set to <code>true</code>, Universal Call Recording Access is turned on. The default value is <code>false</code>.</p> <p>If this value is set to <code>false</code> and you want to turn on Universal Call Recording, set this value to <code>true</code> and configure the <code>service_cloud_voice.RecordingMediaProvider</code> interface in your Apex integration class.</p> <p>Available in API version 54.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect
userSyncingSupported	<p>Type boolean</p> <p>Properties Create, Filter, Group, Update</p> <p>Description If set to <code>true</code>, supports automated user syncing whenever a user is added to or removed from a contact center. The default value is <code>false</code>. Available in API version 53.0 and later.</p> <p>Only applies to the following Service Cloud Voice telephony implementations:</p> <ul style="list-style-type: none"> • Service Cloud Voice with Partner Telephony • Service Cloud Voice with Partner Telephony from Amazon Connect

Field	Details
vendorType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Update</p> <p>Description The Service Cloud feature the partner vendor supports. Possible values are:</p> <ul style="list-style-type: none">• <code>Amazon_Connect</code> — For Service Cloud Voice with Amazon Connect.• <code>BringYourOwnChannelPartner</code> — For Partner Messaging. Available in API version 60.0 and later.• <code>BringYourOwnContactCenter</code> — For internal use only.• <code>ServiceCloudVoicePartner</code> — For Service Cloud Voice with Partner Telephony or Service Cloud Voice with Partner Telephony from Amazon Connect. <p>Available in API version 53.0 and later.</p>

CorsWhitelistEntry

Represents an entry in the cross-origin resource sharing (CORS) allowlist. Origins included in the allowlist can request REST resources from that Salesforce org.





Important: Where possible, we changed noninclusive terms to align with our company value of Equality. Because changing terms in our code can break current implementations, we maintained this object's name.

Supported Calls

`create()`, `delete()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field Name	Details
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name of the record in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This field is automatically generated but you can supply your own value if you create the record using the API.</p>

Field Name	Details
	<p> Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description This picklist contains the following fully-supported languages:</p> <ul style="list-style-type: none"> Chinese (Simplified): <code>zh_CN</code> Chinese (Traditional): <code>zh_TW</code> Danish: <code>da</code> Dutch: <code>nl_NL</code> English: <code>en_US</code> Finnish: <code>fi</code> French: <code>fr</code> German: <code>de</code> Italian: <code>it</code> Japanese: <code>ja</code> Korean: <code>ko</code> Norwegian: <code>no</code> Portuguese (Brazil): <code>pt_BR</code> Russian: <code>ru</code> Spanish: <code>es</code> Spanish (Mexico): <code>es_MX</code> Spanish (Mexico) defaults to Spanish for customer-defined translations. Swedish: <code>sv</code> Thai: <code>th</code> The Salesforce user interface is fully translated to Thai, but Help is in English.
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Primary label for the CORS allowlist entry.</p>

Field Name	Details
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description For managed packages, this field is the namespace prefix assigned to the package. For unmanaged packages, this field is blank.</p>
UrlPattern	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The origin URL pattern must include the HTTPS protocol (unless you're using your localhost) and a domain name, and can include a port. The wildcard character (*) is supported and must be in front of a second-level domain name. For example, <code>https://*.example.com</code> adds all subdomains of <code>example.com</code> to the allowlist.</p> <p>The origin URL pattern can be an IP address. But an IP address and a domain that resolve to the same address aren't the same origin, and you must add them to the CORS allowlist as separate entries.</p> <p>Google Chrome™ and Mozilla® Firefox® browser extensions are also allowed as resources in API version 53 and later. Chrome extensions must use the prefix <code>chrome-extension://</code> and 32 characters without digits or capital letters, for example <code>chrome-extension://abdkkegmcbiomijcbdaodaf1gehffed</code>. Firefox extensions must use the prefix <code>moz-extension://</code> and an 8-4-4-12 format of small alphanumeric characters, for example <code>moz-extension://1234ab56-78c9-1df2-3efg-4567891hi1j2</code>.</p>

Usage

Cross-Origin Resource Sharing (CORS) allows web browsers to request resources from other origins. For example, using CORS, the JavaScript for a web application at `https://www.example.com` can request a resource from `https://www.salesforce.com`. To allow access to supported Salesforce APIs, Apex REST resources, and Lightning Out from JavaScript code in a web browser, add the requesting origin to your Salesforce CORS allowlist.

If a browser that supports CORS makes a request to an origin in the Salesforce CORS allowlist, Salesforce returns the origin in the `Access-Control-Allow-Origin` HTTP header, along with any additional CORS HTTP headers. If the origin isn't included in the allowlist, Salesforce returns HTTP status code 403.



Important: CORS doesn't support requests for unauthenticated resources, including OAuth endpoints. You must pass an OAuth token with requests that require it.

[CORS](#) is a W3C recommendation to enable browsers to request resources from origins other than their own.

Coupon

A coupon associated with a promotion. This object is available in API version 54.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

The Coupon object is available only if the B2B Commerce license is enabled.

Fields

Field	Details
CouponCode	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Coupon code for the coupon. A buyer can use the coupon code to qualify for a promotion.</p>
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Available only for orgs with the multicurrency feature enabled. Contains the ISO code for any currency allowed by the organization.</p>
Description	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Description of the coupon.</p>
EndDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p>

Field	Details
	Description The end date and time when the coupon is no longer active.
LastReferencedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.
LastViewedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (LastReferencedDate) but not viewed it.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description Name of the coupon.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the owner of this coupon. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Field	Details
PromotionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the promotion associated with the coupon. This is a relationship field.</p> <p>Relationship Name Promotion</p> <p>Relationship Type Lookup</p> <p>Refers To Promotion</p>
StartDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The start date and time when the coupon is active.</p>
Status	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Status of the coupon. Possible values are:</p> <ul style="list-style-type: none">• Active• Inactive <p>The default value is Inactive</p>

CouponCodeRedemption

Tracks each coupon code redemption. This object is available in API version 58.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object is available through the B2B Commerce license. To access this object, the Promotions Coupon Redemption Limit user permission must be assigned.

Fields

Field	Details
Buyer	<p>Type string</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Information about the buyer. Can be any buyer-specific information.</p>
CouponId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description ID of the redeemed coupon. This field is a relationship field.</p> <p>Relationship Name Coupon</p> <p>Relationship Type Lookup</p> <p>Refers To Coupon</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description Salesforce generated coupon code, such as CCR-000000002. Can't be edited.</p>
OwnerId	<p>Type reference</p>

Field	Details
	Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who created the coupon code redemption. This field is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Transaction	Type string Properties Create, Filter, Group, idLookup, Sort Description ID of the transaction where the coupon code was redeemed. Must be a valid cart ID.

CreditMemo

Represents a document that is used to reduce the amount that a buyer owes a seller under the terms of an earlier invoice. This object is available in API version 48.0 and later.

A credit memo always decreases the balance of an invoice. Users can apply positive credit memos to positive invoices, for example, a \$10 credit memo reduces the balance of a \$100 invoice line to \$90.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Special Access Rules

This object is available when Order Management or Subscription Management is enabled.

Fields

Field	Details
AppType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Read-only field that indicates which Salesforce application generated the credit memo. Possible values are:</p> <ul style="list-style-type: none"> • Commerce Cloud • Revenue Cloud <p>This field is available in API versions 54.0 to 55.0</p>
Balance	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Amount of the credit memo that's available for allocation.</p>
BillToContactId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Inherited from the account's Bill to Account field. This field is a relationship field.</p> <p>Relationship Name BillToContact</p> <p>Relationship Type Lookup</p> <p>Refers To Contact</p>
BillingAccountId	<p>Type reference</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description The customer account associated with this credit memo.</p>

Field	Details
	<p>This field is a relationship field.</p> <p>Relationship Name BillingAccount</p> <p>Relationship Type Lookup</p> <p>Refers To Account</p>
CreationMode	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Indicates whether the credit memo originated in Salesforce or an external system.</p> <p>Possible values are:</p> <ul style="list-style-type: none">• External• Salesforce <p>This field is available in API version 55.0 and later.</p>
CreditDate	<p>Type date</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description The date when the credit memo was posted.</p>
CreditMemoNumber	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description A credit memo numbering alternative to DocumentNumber, containing a number in a format of your choice. Credit memo numbering is optional.</p>
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Three-letter ISO 4217 currency code associated with the credit memo.</p> <p>The default value is USD.</p>

Field	Details
	This field is available in API version 55.0 and later.
Description	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the credit memo.</p>
DocumentNumber	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description System-generated number for organizing financial documents, for example DOC-0000123.</p>
EffectiveDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Represents the effective date of the credit memo. If this field is empty, the credit date is used. For reporting purposes only; this field drives no other logic. This field is available in API version 55.0 and later.</p>
ExternalReference	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Contains an external system's ID for the credit memo. This field is available in API version 55.0 and later.</p>
ExternalReferenceDataSource	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Contains the name of the external system that also contains the credit memo. This field is available in API version 55.0 and later.</p>

Field	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was only referenced (LastReferencedDate) and not viewed.</p>
NetCreditsApplied	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Represents the total difference between the credit applied to and credit unapplied from the invoice. This field is a calculated field. This field is available in API version 55.0 and later.</p>
OwnerId	<p>Type reference</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description The user who owns a credit memo record. This field is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
ReferenceEntityId	<p>Type reference</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the record that this credit memo was generated from. For example, the order, order summary, or invoice. This field is a polymorphic relationship field.</p> <p>Relationship Name ReferenceEntity</p> <p>Relationship Type Lookup</p> <p>Refers To Invoice, Order This field is available in API version 53.0 and later.</p>
SourceAction	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Indicates which Salesforce API created the credit memo. Possible values are:</p> <ul style="list-style-type: none"> • Invoice—Indicates that Credit Invoice API created the credit memo and applied it to the invoice. • NegativeInvoiceLineConversion—Indicates that Subscription Management created the credit memo when a negative invoice line was converted. • Standalone—Indicates that the Credit Memo API created the credit memo. • VoidPostedInvoice—Indicates that the Void a Posted Invoice API created the credit memo to offset the amount that was voided on the invoice. <p>This field is available in API version 55.0 and later.</p>
Status	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Status of the credit memo. Possible values are:</p> <ul style="list-style-type: none"> • Canceled—Indicates that the credit memo isn't being used and doesn't have a financial impact. • Error—Indicates that the credit memo has an error and doesn't have a financial impact.

Field	Details
	<ul style="list-style-type: none"> • Pending—Indicates that the credit memo is being processed but hasn't yet been posted as a financial transaction. • Posted—The credit memo has been recorded as a financial transaction. Most fields can't be edited.
TotalAdjustmentAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Sum of TotalAmount values for the credit memo's adjustment lines. This field is a calculated field.</p>
TotalAdjustmentAmountWithTax	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The sum of the credit memo's adjustment line amounts, including tax. This field is available in API version 49.0 and later.</p>
TotalAdjustmentTaxAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The sum of the credit memo's adjustment line tax. Adjustment line balances are excluded. This field is available in API version 49.0 and later.</p>
TotalAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Sum of the credit memo's TotalLineAmount and TotalAdjustmentAmount. This field is a calculated field.</p>
TotalAmountWithTax	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	Description Total credit memo amount, with tax included. This field is a calculated field.
TotalChargeAmount	Type currency Properties Filter, Nillable, Sort Description Sum of TotalAmount values for the credit memo's charge lines. This field is a calculated field.
TotalChargeAmountWithTax	Type currency Properties Filter, Nillable, Sort Description The sum of the credit memo's charge line amounts, including tax. This field is available in API version 49.0 and later.
TotalChargeTaxAmount	Type currency Properties Filter, Nillable, Sort Description This field is available in API version 49.0 and later.
TotalCreditAmountApplied	Type currency Properties Filter, Nillable, Sort Description Credit memo amount that's been applied to invoices. This field is available in API version 53.0 and later.
TotalCreditAmountUnapplied	Type currency Properties Filter, Nillable, Sort Description Credit memo amount that's been unapplied from invoices.

Field	Details
	This field is available in API version 55.0 and later.
TotalTaxAmount	<p>Type</p> <p>currency</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>Sum of <code>TotalAmount</code> values for the credit memo's tax lines.</p> <p>This field is a calculated field.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, the associated objects are available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CreditMemoFeed on page 39

Feed tracking is available for the object.

CreditMemoHistory on page 47

History is available for tracked fields of the object.

CreditMemoOwnerSharingRule on page 48

Sharing rules are available for the object.

CreditMemoShare on page 50

Sharing is available for the object.

CreditMemoAddressGroup

Stores the buyer's address information, which is used to determine the amount of tax to credit to a buyer when a credit memo is issued. This object is available in API version 55.0 and later.

Supported Calls

`delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`

Special Access Rules

This object is available when Subscription Management is enabled.

Fields

Field	Details
Address	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description Buyer's address.</p>
City	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Buyer's city.</p>
Country	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Buyer's country.</p>
CreditMemoAddressGroupNumber	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description An auto-generated number, such as 0000123, that represents the address group.</p>
CreditMemoId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the credit memo associated with the address group. This field is a relationship field.</p> <p>Relationship Name CreditMemo</p> <p>Relationship Type Lookup</p>

Field	Details
	Refers To CreditMemo
CurrencyIsoCode	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Three-letter ISO 4217 currency code associated with the credit memo. The default value is USD.
GeocodeAccuracy	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The accuracy rating for the geocode of the address group. An accuracy rating contains information about the location of a latitude and longitude. Possible values are: <ul style="list-style-type: none"> • Address • Block • City • County • ExtendedZip • NearAddress • Neighborhood • State • Street • Unknown • Zip
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this address group.
LastViewedDate	Type dateTime

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this address group.
Latitude	Type double Properties Filter, Nillable, Sort Description Latitude of the buyer's address.
Longitude	Type double Properties Filter, Nillable, Sort Description Longitude of the buyer's address.
PostalCode	Type string Properties Filter, Group, Nillable, Sort Description The buyer's postal code or ZIP code.
State	Type string Properties Filter, Group, Nillable, Sort Description The buyer's state.
Street	Type textarea Properties Filter, Group, Nillable, Sort Description The buyer's street number and name.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CreditMemoAddressGroupHistory](#) on page 47

History is available for tracked fields of the object.

CreditMemoInvApplication

Represents an amount applied from a credit memo to an invoice. This object is available in API version 48.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Special Access Rules

This object is available when Subscription Management is enabled.

Fields

Field	Details
Amount	Type currency Properties Filter, Sort Description The amount of the credit memo that was applied to or unapplied from the invoice.
AppliedDate	Type dateTime Properties Filter, Nillable, Sort Description The date when the credit memo was applied. If the credit memo invoice application's type is <code>Unapplied</code> , this value is inherited from the Applied date of the credit memo referenced in the AssociatedLineId.
AssociatedLineId	Type reference Properties Filter, Group, Nillable, Sort

Field	Details
	<p>Description</p> <p>For a credit memo invoice application that represents an unapplied credit memo, this field shows the original credit memo invoice application.</p> <p>This field is a relationship field.</p> <p>Relationship Name</p> <p>AssociatedLine</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CreditMemoInvApplication</p>
CreditMemoBalance	<p>Type</p> <p>currency</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The balance of a credit memo after a credit memo is applied or unapplied. This field is a snapshot of the credit memo's balance after the action. It isn't updated after further changes to the credit memo balance.</p>
CreditMemoId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>The credit memo that was applied or unapplied.</p> <p>This field is a relationship field.</p> <p>Relationship Name</p> <p>CreditMemo</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CreditMemo</p>
CreditMemoInvoiceNumber	<p>Type</p> <p>string</p> <p>Properties</p> <p>Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description</p> <p>Number of the invoice to which a credit memo is applied.</p>

Field	Details
Date	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date when the credit memo amount was applied to the invoice.</p>
Description	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the credit applied to an invoice.</p>
EffectiveDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The effective date of the application or unapplication of credit. Users can provide this value when applying or unapplying the credit memo. This field is optional and provided only for reporting purposes. It doesn't affect the credit memo invoice application's other fields.</p>
HasBeenUnapplied	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Shows whether this credit memo application has been unapplied from the target invoice. Possible values are:</p> <ul style="list-style-type: none">• NA• No• Yes
ImpactAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The net adjustment to the invoice's balance after a credit memo is applied or unapplied. If a credit memo was applied, this value is the negative version of the credit memo invoice</p>

Field	Details
	<p>application's <code>Amount</code>. If a credit memo was unapplied, this value is the positive version of the credit memo invoice application's <code>Amount</code>.</p> <p>This field is a calculated field.</p>
InvoiceBalance	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The balance of the credit memo after a credit memo is applied or unapplied. This field is a snapshot of the credit memo's balance after the action. It isn't updated after further changes to the credit memo balance.</p>
InvoiceId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the invoice to which credit is applied. This field is a relationship field.</p> <p>Relationship Name Invoice</p> <p>Relationship Type Lookup</p> <p>Refers To Invoice</p>
Type	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description Indicates whether the credit memo line application was generated because of an apply action (application) or an unapply action (unapplication). Possible values are:</p> <ul style="list-style-type: none"> • Applied • Unapplied
UnappliedDate	<p>Type dateTime</p>

Field	Details
	Properties Filter, Nillable, Sort
	Description The date when this application was unapplied from the target invoice.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

CreditMemolnvApplicationFeed on page 39

Feed tracking is available for the object.

CreditMemolnvApplicationHistory on page 47

History is available for tracked fields of the object.

CreditMemoLine

Represents product, service, adjustment, or tax line items that were included in a credit memo. This object is available in API version 48.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Special Access Rules

This object is available when Order Management or Subscription Management is enabled.

Fields

Field	Details
AdjustmentAmount	Type currency Properties Filter, Nillable, Sort, Update Description Amount of this credit memo line item if its type is Adjustment.
AdjustmentAmountWithTax	Type currency

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description Sum of the adjustment amount and the adjustment tax amount. This field is available in API version 49.0 and later. This field is available when Subscription Management is enabled.</p>
AdjustmentTaxAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Amount of the tax related to the adjustment amount. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p>
BillingAddressId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the billing address related to this credit memo line. This field is a relationship field. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p> <p>Relationship Name BillingAddress</p> <p>Relationship Type Lookup</p> <p>Refers To CreditMemoAddressGroup</p>
ChargeAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort, Update</p> <p>Description Amount of this credit memo line item if its type is Charge.</p>
ChargeAmountWithTax	<p>Type currency</p>

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description Sum of the adjustment amount and the adjustment tax amount. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p>
ChargeTaxAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Amount of the tax related to the charge amount. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p>
CreditMemoId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the parent credit memo. This field is a relationship field.</p> <p>Relationship Name CreditMemo</p> <p>Relationship Type Lookup</p> <p>Refers To CreditMemo</p>
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Three-letter ISO 4217 currency code associated with the credit memo line. The default value is USD.</p>
Description	<p>Type string</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the credit memo line.</p>
EndDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description For credit memos made from a time-based service, the end date of the line item being credited.</p>
LineAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Amount of the credit memo line. This field is a calculated field. This field is available in API version 49.0 and later.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort, Update</p> <p>Description Name of the credit memo line.</p>
Product2Id	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The product or service being credited in the credit memo line. This field is a relationship field.</p> <p>Relationship Name Product2</p> <p>Relationship Type Lookup</p> <p>Refers To Product2</p>

Field	Details
ReferenceEntityItemId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The order product or invoice line corresponding to this credit memo line. This field is a polymorphic relationship field. This field is available in API version 53.0 and later.</p> <p>Relationship Name ReferenceEntityItem</p> <p>Relationship Type Lookup</p> <p>Refers To InvoiceLine, OrderItem</p>
ReferenceEntityType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The type of transaction that generated the credit memo line. Possible values are:</p> <ul style="list-style-type: none"> • DeliveryCharge • OrderProduct
ReferenceEntityTypeCode	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The type of object that generated the credit memo line. Possible values are:</p> <ul style="list-style-type: none"> • Charge • Product
RelatedLineId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The credit memo line related to this line item.</p> <p>This field is a relationship field.</p> <p>Relationship Name</p> <p>RelatedLine</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CreditMemoLine</p>
ShippingAddressId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The ID of the shipping address.</p> <p>This field is a relationship field. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p> <p>Relationship Name</p> <p>ShippingAddress</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>CreditMemoAddressGroup</p>
StartDate	<p>Type</p> <p>date</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>For credit memo lines generated from a time-based service, the first date of the billing for the service.</p>
Status	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>State of the credit memo line. Inherited from the credit memo.</p>

Field	Details
TaxAmount	<p>Type currency</p> <p>Properties Filter, Nillable, Sort, Update</p> <p>Description Total tax for the credit memo.</p>
TaxCode	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The code used to calculate the tax rate for the invoice line.</p>
TaxDocumentNumber	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The document number that tracks taxes calculated for this credit memo line. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p>
TaxEffectiveDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The date used to calculate the credit memo line's TaxAmount.</p>
TaxName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description User-defined name for applied tax.</p>
TaxRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort, Update</p>

Field	Details
	Description Percentage value used for calculating tax.
TotalAmount	Type currency Properties Filter, Nillable, Sort Description The total amount of the credit memo line before any applicable tax.
TotalAmountWithTax	Type currency Properties Filter, Nillable, Sort Description Total amount of tax for this credit memo line, with tax included. Sum of TotalAmount and TaxAmount.
TaxStatus	Type picklist Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort Description Tracks whether the taxes were calculated for this credit memo line. Possible values are: <ul style="list-style-type: none">• Complete• Error• None The default value is None. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.
TaxTransactionNumber	Type string Properties Filter, Group, Nillable, Sort Description Tracks the transaction number of the tax calculated for this credit memo line. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.

Field	Details
TaxTreatmentId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the tax treatment for the credit memo line. This field is a relationship field. This field is available in API version 55.0 and later. This field is available when Subscription Management is enabled.</p> <p>Relationship Name TaxTreatment</p> <p>Relationship Type Lookup</p> <p>Refers To TaxTreatment</p>
Type	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The type of transaction for the invoice line. Possible values are:</p> <ul style="list-style-type: none"> • Adjustment • Charge • Tax

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[CreditMemoLineFeed](#) on page 39

Feed tracking is available for the object.

[CreditMemoLineHistory](#) on page 47

History is available for tracked fields of the object.

Crisis

Represents a major crisis event that affects an Employee in an InternalOrganizationUnit. This object is available in API version 48.0 and later. In API version 49.0 and later, this object supports reports, criteria-based sharing rules, and history tracking, plus you can exclude individual fields from custom page layouts.

Work.com uses this object to track and describe crisis situations.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access this object, you must be assigned a Workplace Command Center permission set license and the Provides access to Workplace Command Center features system permission.

Fields

Field	Details
CrisisType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The type or category of crisis. Possible values are:</p> <ul style="list-style-type: none">• Economic Crisis• Natural Disaster• Pandemic• War
Description	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The crisis description.</p>
EndDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The date the crisis ended.</p>

Field	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. The crisis record name.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the user who currently owns this record. Default value is the user logged in to the API to perform the create operation.</p>
StartDate	<p>Type date</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The date the crisis started.</p>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

CrisisHistory (API version 49.0)

History is available for tracked fields of the object.

CrisisOwnerSharingRule

Sharing rules are available for the object.

CrisisShare (API version 49.0)

Sharing is available for the object.

SEE ALSO:

[Workplace Command Center for Work.com Developer Guide: Extend Work.com with Custom Solutions](#)

CronJobDetail

Contains details about the associated scheduled job, such as the job’s name and type. This object is available in API version 29.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
JobType	<div>Type picklist</div> <div>Properties Filter, Group, Nillable, Restricted picklist, Sort</div> <div>Description The type of the associated scheduled job. The following are the available job types. Use the job type value when querying for a specific job type.<ul style="list-style-type: none">1—Data Export3—Dashboard Refresh4—Reporting Snapshot6—Scheduled Flow7—Scheduled Apex8—Report Run9—Batch JobⒶ—Reporting Notification</div>
Name	<div>Type string</div>

Field	Details
	Properties Filter, Group, idLookup, Sort
	Description The name of the associated scheduled job.

Usage

Use this object to query additional information about a scheduled job, such as the job's name and type.

CronTrigger

Contains schedule information for a scheduled job. CronTrigger is similar to a cron job on UNIX systems. This object is available in API version 17.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
CronExpression	Type string
	Properties Filter, Group, Nillable, Sort
	Description The cron expression used to initiate the schedule. Syntax: <div><i>Seconds Minutes Hours Day_of_month Month Day_of_week Optional_year</i></div> See schedule(jobName, cronExpression, schedulableClass) in the <i>Apex Reference Guide</i> .
CronJobDetailId	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The ID of the CronJobDetail record containing more details about this scheduled job.

Field	Details
	<p>This is a relationship field.</p> <p>Relationship Name CronJobDetail</p> <p>Relationship Type Lookup</p> <p>Refers To CronJobDetail</p>
EndTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the job either finished or will finish.</p>
NextFireTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The next date and time the job is scheduled to run. <code>null</code> if the job is not scheduled to run again.</p>
OwnerId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Owner of the job.</p>
PreviousFireTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The most recent date and time the job ran. <code>null</code> if the job has not run before current local time.</p>
StartTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	Description The date and time when the most recent iteration of the scheduled job started.
State	Type string Properties Filter, Group, Nillable, Sort Description The current state of the job. The job state is managed by the system. Possible values are: <ul style="list-style-type: none"> • <code>WAITING</code>—The job is waiting for execution. • <code>ACQUIRED</code>—The job has been picked up by the system and is about to execute. • <code>EXECUTING</code>—The job is executing. • <code>COMPLETE</code>—The trigger has fired and is not scheduled to fire again. • <code>ERROR</code>—The trigger definition has an error. • <code>DELETED</code>—The job has been deleted. • <code>PAUSED</code>—A job can have this state during patch and major releases. After the release has finished, the job state is automatically set to <code>WAITING</code> or another state. • <code>BLOCKED</code>—Execution of a second instance of the job is attempted while one instance is running. This state lasts until the first job instance is completed. • <code>PAUSED_BLOCKED</code>—A job has this state due to a release occurring. When the release has finished and no other instance of the job is running, the job's status is set to another state.
TimesTriggered	Type int Properties Filter, Group, Nillable, Sort Description The number of times this job has been triggered.
TimeZoneSidKey	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Returns the timezone ID. For example, <code>America/Los_Angeles</code> .

Usage

Use this object to query scheduled jobs in your organization.

CryptoProdCatgWalletGroup

Specifies if CryptoWalletGroup is in the allowlist or airdrop for the ProductCategory. A custom object between ProductCategory and CryptoWalletGroup adding the CryptoWalletGroup to allowlist or airdrop. This object is available in API version 58.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object has read, create, update, delete, modify all, and view all access.

Fields

Field	Details
CryptoWalletGroupId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The CryptoWalletGroup ID. This field is a relationship field.</p> <p>Relationship Name CryptoWalletGroup</p> <p>Relationship Type Lookup</p> <p>Refers To CryptoWalletGroup</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record indirectly, for example, through a list view or related record.</p>
LastViewedDate	<p>Type dateTime</p>

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, and <code>LastReferenceDate</code> is not null, the user accessed this record or list view indirectly.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The name of the record.</p>
ProductCategoryId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the category. This field is a relationship field.</p> <p>Relationship Name ProductCategory</p> <p>Relationship Type Lookup</p> <p>Refers To ProductCategory</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Specifies if CryptoProdCatgWalletGroup is active and functional, or inactive and disabled. Possible values are:</p> <ul style="list-style-type: none"> • Active • Inactive
Type	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field	Details
	Description Determines whether the list of wallets is for minting allowlist or for executing an airdrop. Possible values are: <ul style="list-style-type: none">• Airdrop• Allowlist

CspTrustedSite

Represents a trusted URL. For each CspTrustedSite, you can specify Content Security Policy (CSP) directives and permissions policy directives. Each CSP directive allows Lightning components, third-party APIs, and WebSocket connections to access a resource type from the trusted URL. If the Permissions-Policy HTTP header is enabled, each permissions policy directive grants the trusted URL access to a browser feature. In API version 58.0 and earlier, CspTrustedSite included only CSP directives and was referred to as CSP Trusted Sites in Salesforce Setup. Available in API version 39.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CanAccessCamera	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether this CspTrustedSite can access the user's camera. The default value is <code>false</code> . This field takes effect only when the <code>enablePermissionsPolicy</code> field equals <code>true</code> and the <code>grantCameraAccess</code> field equals <code>TrustedUrls</code> in the SecuritySettings metadata API type. This field is available in API version 59.0 and later.
CanAccessMicrophone	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update

Field	Details
	<p>Description</p> <p>Indicates whether this CspTrustedSite can access the user's microphone. The default value is <code>false</code>.</p> <p>This field takes effect only when the <code>enablePermissionsPolicy</code> field equals <code>true</code> and the <code>grantMicrophoneAccess</code> field is <code>TrustedUrls</code> in the SecuritySettings metadata API type.</p> <p>This field is available in API version 59.0 and later.</p>
Context	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Declares the scope of the CSP directives for this trusted URL.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • <code>All</code>—Apply the CSP directives to all supported context types. • <code>Communities</code>—Apply the CSP directives to Experience Builder sites only. • <code>FieldServiceMobileExtension</code>—Apply the CSP directives to the Field Service Mobile Extensions only. • <code>LEX</code>—Apply the CSP directives to Lightning Experience only. • <code>VisualForce</code>—Apply the CSP directives to custom Visualforce pages only. This value is available in API version 55.0 and later. <p>For custom Visualforce pages, content is restricted to trusted URLs only if the page's <code>cspHeader</code> attribute is set to <code>true</code>.</p> <p>This field is available in API version 44.0 and later.</p>
Description	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The description of the trusted URL. Limit: 255 characters.</p>
DeveloperName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Sort, Update</p> <p>Description</p> <p>The developer name of the trusted URL.</p> <p>Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>

Field	Details
EndpointUrl	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The URL for this CspTrustedSite. This field must include a domain name and can include a port. For example, <code>https://example.com</code> or <code>https://example.com:8080</code>. To reduce repetition, you can use the wildcard character <code>*</code> (asterisk). For example, <code>*.example.com</code>. For a third-party API, the URL must begin with <code>https://</code>. For example, <code>https://example.com</code>. For a WebSocket connection, the URL must begin with <code>wss://</code>. For example, <code>wss://example.com</code>.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether this CspTrustedSite is active.</p>
IsApplicableToConnectSrc	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether Lightning components, third-party APIs, and WebSocket connections can load URLs using script interfaces from this trusted URL.</p>
IsApplicableToFontSrc	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether Lightning components, third-party APIs, and WebSocket connections can load fonts from this trusted URL.</p>
IsApplicableToFrameSrc	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field	Details
	Description Indicates whether Lightning components, third-party APIs, and WebSocket connections can load resources contained in <code><iframe></code> elements from this trusted URL.
<code>IsApplicableToImgSrc</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether Lightning components, third-party APIs, and WebSocket connections can load images from this trusted URL.
<code>IsApplicableToMediaSrc</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether Lightning components, third-party APIs, and WebSocket connections can load audio and video from this trusted URL.
<code>IsApplicableToStyleSrc</code>	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether Lightning components can load style sheets from this trusted URL.
<code>Language</code>	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The language for the trusted URL.
<code>MasterLabel</code>	Type string Properties Create, Filter, Group, Sort, Update Description Master label for this trusted URL.

Field	Details
NamespacePrefix	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Namespace prefix for this trusted URL.</p>

Usage

For each CSPTrustedSite, at least one field starting with `grantAccess` or `isApplicableTo` must be set to `true`.

In API versions 50.0 to 58.0, if all `isApplicable` fields are `false`, the `isApplicableToImgSrc` field is set to `true`. In API version 49.0 and earlier, if all `isApplicable` fields are `false`, those fields all default to `true`.

To ensure smooth integration across Salesforce products, Salesforce includes URLs in each of the CSP directives that correspond to the `isApplicable` fields, even though those URLs aren't defined as CspTrustedSite components. Salesforce regularly updates those URLs based on the latest requirements.

CspViolation

Represents a content security policy (CSP) directive that's impacted by an upcoming change to system-defined trusted URLs. This object is available in API version 60.0 and later.



Note: We recommend that you manage this object through the CSP Violations list in Setup. See [Review and Resolve CSP Violations](#) in Salesforce Help.

To help prevent cross-site scripting (XSS) and other code injection attacks, Salesforce plans to update the system-defined trusted URLs that control which resources Lightning components, third-party APIs, and WebSocket connections can load in Summer '24. Each CspViolation represents a unique combination of an external URL, CSP context, and CSP directive that is blocked with the upcoming change.

To allow Salesforce to load resources from a blocked URL, update your trusted URLs and their CSP directives via [CspTrustedSite](#).

Supported Calls

`delete()`, `describeSObjects()`, `query()`, `retrieve()`, `search()`

Special Access Rules

Only users with the Customize Application and Modify All Data permissions can access this object.

Fields

Field	Details
BlockedUrl	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The URL associated with the request, without the path. For example, if a blocked requested resource is an image with the URL <code>https://www.example.com/images/image1.png</code>, the <code>BlockedUrl</code> is <code>https://www.example.com</code>.</p>
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The developer name of the CSP violation. Only users with View DeveloperName or View Setup and Configuration permission can view, group, sort, and filter this field.</p>
IsConnectSrcViolated	<p>Type boolean</p> <p>Properties Filter, Group, Sort</p> <p>Description Reserved for future use.</p>
IsFontSrcViolated	<p>Type boolean</p> <p>Properties Filter, Group, Sort</p> <p>Description Indicates that for this blocked event, at least one request to load a font from the URL was blocked (<code>true</code>). When <code>IsFontSrcViolated</code> is <code>false</code>, this blocked event is unrelated to a request to load a font from the <code>BlockedUrl</code> within the <code>ViolationContext</code>. The default value is <code>false</code>.</p>
IsFrameSrcViolated	<p>Type boolean</p>

Field	Details
	<p>Properties Filter, Group, Sort</p> <p>Description Indicates that for this blocked event, at least one request to load content in an iFrame that originated from the URL was blocked (<code>true</code>).</p> <p>When <code>IsFrameSrcViolated</code> is <code>false</code>, this blocked event is unrelated to a request to load content in an iFrame that originated from the <code>BlockedUrl</code> within the <code>ViolationContext</code>.</p> <p>The default value is <code>false</code>.</p>
<code>IsImageSrcViolated</code>	<p>Type boolean</p> <p>Properties Filter, Group, Sort</p> <p>Description Indicates that for this blocked event, at least one request to load an image file from the URL was blocked (<code>true</code>).</p> <p>When <code>IsFontSrcViolated</code> is <code>false</code>, this blocked event is unrelated to a request to load an image file from the <code>BlockedUrl</code> within the <code>ViolationContext</code>.</p> <p>The default value is <code>false</code>.</p>
<code>IsMediaSrcViolated</code>	<p>Type boolean</p> <p>Properties Filter, Group, Sort</p> <p>Description Reserved for future use.</p>
<code>IsStyleSrcViolated</code>	<p>Type boolean</p> <p>Properties Filter, Group, Sort</p> <p>Description Reserved for future use.</p>
<code>Language</code>	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The language for the blocked request.</p>

Field	Details
MasterLabel	Type string Properties Filter, Group, Sort Description Master label for this CSP violation.
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description Namespace prefix for this CSP violation.
ViolationContext	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description The content security policy (CSP) context for the request. The context controls which pages can load content from a CspTrustedSite . Possible values are <ul style="list-style-type: none"> • COMMUNITIES—The blocked request is related to an Experience Builder site. • LIGHTNING—The blocked request is related to a Lightning Experience page.

Usage

We recommend that you manage this object through the CSP Violations list in Setup. See [Review and Resolve CSP Violations](#) in Salesforce Help.

When you delete a `CspViolation`, no change is made to your trusted URLs and their CSP directives. Only the logged event is removed. If the CSP settings on your trusted URLs still block those requests, a new `CspViolation` is generated the next time a matching request occurs.

CurrencyType

Represents the currencies used by an organization for which the multicurrency feature is enabled.

Supported Calls

`create()`, `describeSObjects()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`

Special Access Rules

- This object is not available in single-currency organizations.
- You need the “Customize Application” permission to edit this object.
- Your client application can't delete this object.
- Customer Portal users can't access this object.

Fields

Field	Details
ConversionRate	<p>Type double</p> <p>Properties Filter</p> <p>Description Required. Conversion rate of this currency type against the corporate currency.</p>
DecimalPlaces	<p>Type int</p> <p>Properties Filter</p> <p>Description Required. For this currency, specifies the number of digits to the right of the decimal point, such as zero (0) for JPY or 2 for USD.</p>
IsActive	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether this currency type is active (<code>true</code>) or not (<code>false</code>). Inactive currency types do not appear in picklists in the user interface. Label is Active. This field defaults to <code>false</code> if no value is provided when updating or inserting a record.</p>
IsCorporate	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether this currency type is the corporate currency (<code>true</code>) or not (<code>false</code>). Label is Corporate Currency. All other currency conversion rates are applied against this corporate currency. If a currency is already defined as the corporate currency in the user interface, it can't be unset. When a non-corporate currency is set to a</p>

Field	Details
	corporate currency, the system reconfigures all conversion rates based on the new corporate currency.
Isocode	<p>Type picklist</p> <p>Properties Filter, Restricted picklist</p> <p>Description Required. ISO code of the currency. Must be one of the valid alphabetic, three-letter currency ISO codes defined by the ISO 4217 standard, such as <code>USD</code>, <code>GBP</code>, or <code>JPY</code>. Must be unique within your organization. Label is Currency ISO Code.</p>

Usage

This object is for multicurrency organizations only. Use this object to define the currencies your organization uses.

When updating an existing record, make sure to provide values for all fields to avoid undesired changes to the `CurrencyType`. For example, if a value for `IsActive` is not provided, the default (`false`) is used, which could result in a currently active `CurrencyType` becoming inactive.

SEE ALSO:

[DatedConversionRate](#)

[Overview of Salesforce Objects and Fields](#)

CustomBrand

Represents a custom branding and color scheme. This object is available in API version 28.0 and later.

Supported Calls

`create()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

This object is available only when your org has digital experiences enabled.

Fields

Field Name	Details
ParentId	<p>Type reference</p>

Field Name	Details
	Properties Create, Filter, Group, Sort, Update
	Description The ID of the parent entity that this branding applies to. The parent entity can be an Experience Cloud site, organization, topic, or reputation level. The branding applies to the entity that the <code>ParentId</code> references. For example, if the <code>ParentId</code> references a network ID, the branding applies to that Experience Cloud site only, and if the <code>ParentId</code> references an organization ID, the branding applies to the organization that it is accessed through, and so on. Label is <code>Branded Entity ID</code> .

Usage

Use this object along with [CustomBrandAsset](#) to apply a custom branding scheme to your Experience Cloud site. The branding scheme for the site shows in both the user interface and in the Salesforce mobile app. You must have Create and Manage Experiences to customize site branding.

You can also use this object to apply a custom branding scheme to your org when it is accessed through the Salesforce mobile app.

SEE ALSO:

[Network](#)

CustomBrandAsset

Represents a branding element in a custom branding scheme. For example, a color, logo image, header image, or footer text. A CustomBrandAsset can apply to an Experience Cloud site or to an org using the Salesforce mobile app. This object is available in API version 28.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

This object is available only when your org has digital experiences enabled.

Fields

Field Name	Details
<code>AssetCategory</code>	Type picklist

Field Name	Details
	<p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Values include:</p> <ul style="list-style-type: none"> MotifZerenaryColor—The background color for the header. Label is <code>Zerenary motif color</code>. If this CustomBrandAsset is for a network, this is the header color for the network. If it is for an org, this is the header color when users access the Salesforce mobile app. MotifPrimaryColor—The color used for the active tab. Label is <code>Primary motif color</code>. Not used for the Salesforce mobile app branding. MotifSecondaryColor—The color used for the top borders of lists and tables. Label is <code>Secondary motif color</code>. Not used for the Salesforce mobile app branding. MotifTertiaryColor—The background color for section headers on edit and detail pages. Label is <code>Tertiary motif color</code>. Not used for the Salesforce mobile app branding. MotifQuaternaryColor—If this CustomBrandAsset is for a network, this is the background color for network pages. If it is for an org, this is the background color on a splash page. Label is <code>Quaternary motif color</code>. MotifZerenaryComplementColor—Font color used with <code>zerenaryColor</code>. Label is <code>Zerenary motif colors complement color</code>. MotifPrimaryComplementColor—Font color used with <code>primaryColor</code>. Label is <code>Primary motif colors complement color</code>. Not used for the Salesforce mobile app branding. MotifTertiaryComplementColor—Font color used with <code>tertiaryColor</code>. Label is <code>Tertiary motif colors complement color</code>. Not used for the Salesforce mobile app branding. MotifQuaternaryComplementColor—Font color used with <code>quaternaryColor</code>. Label is <code>Quaternary motif colors complement color</code>. Not used for the Salesforce mobile app branding. PageHeader—An image that appears on the header of the pages. Can be an .html, .gif, .jpg, or .png file. Label is <code>Page Header</code>.

Field Name	Details
	<p>Not used for the Salesforce mobile app branding.</p> <ul style="list-style-type: none"> PageFooter—An image that appears on the footer of the pages. Must be an .html file. Label is Page Footer. <p>Not used for the Salesforce mobile app branding.</p> <ul style="list-style-type: none"> LoginFooterText—The text that appears in the footer of the login page. Label is Footer text displayed on the login page. <p>Not used for the Salesforce mobile app branding.</p> <ul style="list-style-type: none"> LoginLogoImageId—The logo that appears on the login page for external users. In the Salesforce mobile app, this logo also appears on the Experience Cloud site splash page. Label is Logo image displayed on the login page. LargeLogoImageId—Only used for the Salesforce mobile app. The logo that appears on the splash page when you start the Salesforce mobile app. Label is Large logo image. SmallLogoImageId—Only used for the Salesforce mobile app. The logo that appears on the publisher in the Salesforce mobile app. Label is Small logo image. StaticLogoImageUrl—The logo that appears on the login page for external users. Label is Static logo image url. LoginQuaternaryColor—The background color that appears on the Experience Cloud site login page for external users. Label is Login background color. LoginRightFrameUrl—The URL to the contents that appears on right side of the Experience Cloud site login page for external users. Label is Login right frame url. LogoAssetId—Navigation tile menu item images. Label is Logo asset image. LoginPrimaryColor—The background color of the login button. Label is Login primary color. LoginBackgroundImageUrl—The path to the image URL that appears as the background on the Experience Cloud site's login page. Label is Background image url. LargeLogoAssetId—Navigational topic images. Label is Large logo asset image. MediumLogoAssetId—Featured topic images. Label is Medium logo asset image.
AssetSourceId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field Name	Details
	<p>Description</p> <p>ID of the document uploaded to the Documents folder if the value of AssetCategory is:</p> <ul style="list-style-type: none"> PageHeader PageFooter LoginLogoImageId LargeLogoImageId SmallLogoImageId <p>ID of the content asset if the value of the AssetCategory is:</p> <ul style="list-style-type: none"> LogoAssetId LargeLogoAssetId MediumLogoAssetId
CustomBrandId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the associated CustomBrand. This is a relationship field.</p> <p>Relationship Name CustomBrand</p> <p>Relationship Type Lookup</p> <p>Refers To CustomBrand</p>
ForeignKeyAssetId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description This field was removed in API version 41.0, and is available in earlier versions for backward compatibility only. Use AssetSourceId instead. ID of the document used if the value of AssetCategory is PageHeader, PageFooter, or LoginLogoImageId.</p>
TextAsset	<p>Type string</p>

Field Name	Details
	Properties Create, Filter, Nillable, Sort, Update
	Description Text used if the AssetCategory is LoginFooterText.

Usage

Use this object to add basic branding elements—color scheme, header or footer images, login page logo, or footer text—to the branding scheme ([CustomBrand](#)) for your Experience Cloud site. You must have Create and Manage Experiences to customize site branding.

If you're using digital experiences in the Salesforce mobile app, the loading page shows the logo.

SEE ALSO:

[Network](#)

CustomHelpMenuItem

Represents the items within a section of the Lightning Experience help menu that the admin added to display custom, org-specific help resources. This object is available in API version 44.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Packaging Considerations

Although you can package custom Help Menu section information, the section won't appear in the Help Menu Setup page or the Help Menu user interface of orgs where the package is installed. Instead, customers must view the data in the CustomHelpMenuItem and CustomHelpMenuSection objects and then manually add resources on the Help Menu Setup page. See [Define Custom Help for the Lightning Experience Help Menu](#) for more information.

Fields

Field	Details
LinkUrl	Type url
	Properties Create, Filter, Sort, Update
	Description Required. The URL for the resource. Specify up to 1,000 characters.

Field	Details
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The name of the resource. Specify up to 100 characters.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the custom help section the item belongs to. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To CustomHelpMenuSection</p>
SortOrder	<p>Type int</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The order of the item within the custom section. Valid values are 1 through 15.</p>

CustomHelpMenuSection

Represents a section of the Lightning Experience help menu that the admin added to display custom, org-specific help resources. This object is available in API version 44.0 and later.



Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Packaging Considerations

Although you can package custom Help Menu section information, the section won't appear in the Help Menu Setup page or the Help Menu user interface of orgs where the package is installed. Instead, customers must view the data in the CustomHelpMenuItem and CustomHelpMenuSection objects and then manually add resources on the Help Menu Setup page. See [Define Custom Help for the Lightning Experience Help Menu](#) for more information.

Fields

Field	Details
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The unique name of the custom help section in the API. This name can contain only underscores and alphanumeric characters and must be unique in your organization. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. The label corresponds to section title in the user interface. Limit: 80 characters.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance slows down while Salesforce generates one for each record.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Required. Language of the label. Possible values are:</p> <ul style="list-style-type: none"> • da (Danish) • de (German) • en_US (English) • es (Spanish) • es_MX (Spanish (Mexico)) • fi (Finnish) • fr (French) • it (Italian) • ja (Japanese) • ko (Korean)

Field	Details
	<ul style="list-style-type: none"> nl_NL (Dutch) no (Norwegian) pt_BR (Portuguese (Brazil)) ru (Russian) sv (Swedish) th (Thai) zh_CN (Chinese (Simplified)) zh_TW (Chinese (Traditional))
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The name of the resource. Specify up to 100 characters.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation.</p> <p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, NamespacePrefix is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, NamespacePrefix is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.

CustomHTTPHeader

Represents a custom HTTP header that provides context information from Salesforce such as region, org details, or the role of the person viewing the external object. This object is available in API version 43.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

As of Spring '20 and later, only authenticated internal and external users can access this object.


Fields

Field Name	Details
Description	<p>Type textarea</p> <p>Properties Filter, Nillable, Sort</p> <p>Description A text description of the header field's purpose.</p>
HeaderFieldName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description Name of the header field. The name must contain at least one alphanumeric character or underscore. It can also include: ! # \$ % & ' * + - . ^ _ ` ~</p>
HeaderFieldValue	<p>Type string</p> <p>Properties Filter, Sort</p> <p>Description A formula that resolves to the value for the header. The values in the formula must evaluate to a string. If the formula resolves to null and an empty string, the header isn't sent.</p>
IsActive	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the custom HTTP header is available to use.</p>
ParentId	<p>Type reference</p>

Field Name	Details
	Properties Filter, Group, Sort
	Description ID of the entity that the custom HTTP header is related to. This is a polymorphic relationship field.
	Relationship Name Parent
	Relationship Type Lookup
	Refers To ExternalDataSource, NamedCredential

Usage

For each OData external data source, define up to 10 HTTP headers to request data.

 **Note:** HTTP headers aren't supported on named credentials.

CustomNotificationType

Stores information about custom notification types. This object is available in API version 47.0 and later.

 **Important:** Where possible, we changed noninclusive terms to align with our company value of Equality. We maintained certain terms to avoid any effect on customer implementations.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field	Details
CustomNotifTypeName	Type string
	Properties Create, Filter, Group, idLookup, Sort, Unique, Update
	Description Specifies a notification type name. The notification type name is unique within your organization. The notification type name isn't namespaced, so it can't be duplicated across installed packages. Maximum number of characters: 80.

Field	Details
Description	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specifies a general description of the notification type, which is displayed with the notification type name. Maximum number of characters: 255.</p>
Desktop	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the desktop delivery channel is enabled (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Specifies the API name of the notification type.</p>
IsSlack	<p>Type boolean</p> <p>Properties Reserved for future use.</p> <p>Description Reserved for future use.</p>
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Specifies the language of the custom notification type. The value for this field is the language value of the org.</p>
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p>

Field	Details
	Description Specifies the notification type label.
Mobile	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the mobile delivery channel is enabled (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> .
NamespacePrefix	Type string Properties Filter, Group, Nillable, Sort Description Specifies the namespace of the notification type, if installed with a managed package.

CustomPermission

Represents a permission created to control access to a custom process or app, such as sending email. This object is available in API version 31.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`



Special Access Rules

As of Summer '20 and later, only users who have one of these permissions can access this object:

- View Setup and Configuration
- Manage Session Permission Set Activations
- Assign Permission Sets

Fields

Field Name	Details
Description	Type textarea

Field Name	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description A description of the custom permission. Limit: 255 characters.</p>
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The unique name of the custom permission in the API. This name can contain only underscores and alphanumeric characters and must be unique in your organization. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. The label corresponds to Name in the user interface. Limit: 80 characters.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance may slow while Salesforce generates one for each record.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
IsLicensed	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description When enabled (true) indicates that the appropriate Salesforce license is required before accessing the permission. This field is available in API version 50.0 and later.</p>
IsProtected	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the custom permission is protected (true) or not (false). Protected components that have been installed in other organizations can't be linked to or referenced by components created in the subscriber organization. A developer can delete a protected component contained in a managed package in a future release of the package without worrying about failing installations. However, after a component is marked as unprotected and is released globally, the developer can't delete it. The default value is false. This field is available in API version 50.0 and later.</p>

Field Name	Details
Language	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The language of the custom permission. Valid values are:</p> <ul style="list-style-type: none"> Chinese (Simplified): zh_CN Chinese (Traditional): zh_TW Danish: da Dutch: nl_NL English: en_US Finnish: fi French: fr German: de Italian: it Japanese: ja Korean: ko Norwegian: no Portuguese (Brazil): pt_BR Russian: ru Spanish: es Spanish (Mexico): es_MX Spanish (Mexico) defaults to Spanish for customer-defined translations. Swedish: sv Thai: th The Salesforce user interface is fully translated to Thai, but Help is in English.
MasterLabel	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The custom permission label, which corresponds to Label in the user interface. Limit: 80 characters.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	<p>Description</p> <p>The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation.</p> <p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.

Usage

Use the CustomPermission object to determine users' access to custom permissions.

For example, to query all permission sets where the Button1 permission is enabled:

```
SELECT Id, DeveloperName,
(select Id, Parent.Name, Parent.Profile.Name from SetupEntityAccessItems)
FROM CustomPermission
WHERE DeveloperName = 'Button1'
```

To query all permission sets and profiles with custom permissions:

```
SELECT Assignee.Name, PermissionSet.Id,
PermissionSet.Profile.Name,
PermissionSet.isOwnedByProfile,
PermissionSet.Label
FROM PermissionSetAssignment
WHERE PermissionSetId
IN (SELECT ParentId
FROM SetupEntityAccess
WHERE SetupEntityType =
'CustomPermission')
```

To query for all SetupEntityAccess rows with custom permissions:

```
SELECT Id, ParentId, Parent.Name, SetupEntityId
FROM SetupEntityAccess
WHERE SetupEntityType='CustomPermission'
AND ParentId
IN (SELECT Id
```

```
FROM PermissionSet
WHERE isOwnedByProfile = false)
```

SEE ALSO:

- [CustomPermissionDependency](#)
- [PermissionSet](#)
- [Profile](#)
- [SetupEntityAccess](#)

CustomPermissionDependency

Represents the dependency between two custom permissions when one custom permission requires that you enable another custom permission. This object is available in API version 32.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

As of Spring '20 and later, only users with View Setup and Configuration permission can access this object.

Fields

Field Name	Details
CustomPermissionId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the custom permission that requires the permission that's specified in <code>RequiredCustomPermissionId</code>. This is a relationship field.</p> <p>Relationship Name CustomPermission</p> <p>Relationship Type Lookup</p> <p>Refers To CustomPermission</p>
RequiredCustomPermissionId	<p>Type reference</p>

Field Name	Details
	<p>Properties Filter, Group, Sort</p> <p>Description The ID of the custom permission that must be enabled when CustomPermissionId is enabled. This is a relationship field.</p> <p>Relationship Name RequiredCustomPermission</p> <p>Relationship Type Lookup</p> <p>Refers To CustomPermission</p>

Usage

The following Apex class contains a method that returns the IDs of all custom permissions that are required for the given custom permission ID. To use this class, save it in your organization.

```
public class CustomPermissionUtil {
    public String[] getAllRequiredCustomPermissions(String customPermId) {
        return getAllRequiredHelper(new String[]{customPermId});
    }

    private String[] getAllRequiredHelper(String[] customPermIds) {
        CustomPermissionDependency[] requiredPerms = [SELECT RequiredCustomPermissionId
                                                    FROM CustomPermissionDependency
                                                    WHERE CustomPermissionId
                                                    IN :customPermIds];

        String[] requiredPermIds = new String[]{};
        for (CustomPermissionDependency cpd : requiredPerms) {
            requiredPermIds.add(cpd.RequiredCustomPermissionId);
        }
        if (requiredPermIds.size() > 0) {
            customPermIds.addAll(getAllRequiredHelper(requiredPermIds));
            return customPermIds;
        } else {
            return customPermIds;
        }
    }
}
```

For more information about using Apex classes, see the [Apex Developer Guide](#).

SEE ALSO:

[CustomPermission](#)

Customer

Represents the customer role of an individual with respect to a particular company or organization. This object is available in API version 53.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
CustomerStatusType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The status of the customer account. Possible values are:</p> <ul style="list-style-type: none">• Active• Inactive
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (LastReferencedDate) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p>

Field	Details
	Description Required. Name of this customer.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who owns the record. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
PartyId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Required. Represents the individual object related to this customer record. This is a relationship field. Relationship Name Party Relationship Type Lookup Refers To Individual
TotalLifeTimeValue	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The total revenue amount gained from this customer.

DandBCompany

Represents a Dun & Bradstreet® company record, which is associated with an account added from Data.com. This object is available in API version 25.0 and later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).



Warning: You can update fields in the DandBCompany object; however, field changes may be overwritten by Data.com Clean jobs or by using the Data.com Clean button.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

Only organizations with Data.com Premium Prospector or Data.com Premium Clean can access this object.

Fields

Field Name	Details
Address	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The compound form of the address. Read-only. See Address Compound Fields for details on compound address fields.</p>
City	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The city where a company is physically located. Maximum size is 40 characters.</p>
CompanyCurrencyIsoCode	<p>Type picklist</p>

Field Name	Details
	<p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The code used to represent a company's local currency. This data is provided by the International Organization for Standardization (ISO) and is based on their three-letter currency codes. For example, USD is the ISO code for United States Dollar. Maximum size is 3 characters.</p>
Country	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The country where a company is physically located. Maximum size is 40 characters.</p>
CountryAccessCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The required code for international calls. Maximum size is 4 characters.</p>
CurrencyCode	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The currency in which the company's sales volume is expressed. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 4 characters.</p>
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description A brief description of the company, which may include information about its history, its products and services, and its influence on a particular industry. Maximum size is 32000 characters.</p>
DomesticUltimateBusinessName	<p>Type string</p>

Field Name	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The primary name of the Domestic Ultimate, which is the highest ranking subsidiary, specified by country, within an organization's corporate structure. Maximum size is 255 characters.</p>
DomesticUltimateDunsNumber	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The D-U-N-S Number for the Domestic Ultimate, which is the highest ranking subsidiary, specified by country, within an organization's corporate structure. Maximum size is 9 characters.</p>
DunsNumber	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The Data Universal Numbering System (D-U-N-S) number is a unique, nine-digit number assigned to every business location in the Dun & Bradstreet database that has a unique, separate, and distinct operation. D-U-N-S numbers are used by industries and organizations around the world as a global standard for business identification and tracking. Maximum size is 9 characters.</p>
EmployeeQuantityGrowthRate	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The yearly growth rate of the number of employees in a company expressed as a decimal percentage. The data includes the total employee growth rate for the past two years.</p>
EmployeesHere	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The number of employees at a specified location, such as a branch location. Maximum size is 15 characters.</p>

Field Name	Details
EmployeesHereReliability	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The reliability of the <code>EmployeesHere</code> figure. Available values include:</p> <ul style="list-style-type: none"> • 0—Actual number • 1—Low • 2—Estimated (for all records) • 3—Modeled (for non-US records)
EmployeesTotal	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The total number of employees in the company, including all subsidiary and branch locations. This data is only available on records that have a value of <i>Headquarters/Parent</i> in the <code>LocationStatus</code> field. Maximum size is 15 characters.</p>
EmployeesTotalReliability	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The reliability of the <code>EmployeesTotal</code> figure. Available values include:</p> <ul style="list-style-type: none"> • 0—Actual number • 1—Low • 2—Estimated (for all records) • 3—Modeled (for non-US records) <p>A blank value indicates this data is unavailable.</p>
FamilyMembers	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The total number of family members, worldwide, within an organization, including the Global Ultimate, its subsidiaries (if any), and its branches (if any). Maximum size is 5 characters.</p>

Field Name	Details
Fax	Type phone Properties Create, Filter, Group, Nillable, Sort, Update Description The company's facsimile number.
FifthNaics	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional NAICS code used to further classify an organization by industry. Maximum size is 6 characters.
FifthNaicsDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding NAICS code. Maximum size is 120 characters.
FifthSic	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
FifthSic8	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
FifthSic8Desc	Type string

Field Name	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
FifthSicDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
FipsMsaCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The Federal Information Processing Standards (FIPS) and the Metropolitan Statistical Area (MSA) codes identify the organization's location. The MSA codes are defined by the US Office of Management and Budget. Maximum size is 5 characters.</p>
FipsMsaDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's FIPS MSA code. Maximum size is 255 characters.</p>
FortuneRank	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The numeric value of the company's Fortune 1000 ranking. A null or blank value means that the company isn't ranked as a Fortune 1000 company.</p>
FourthNaics	<p>Type string</p>


Field Name	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional NAICS code used to further classify an organization by industry. Maximum size is 6 characters.</p>
FourthNaicsDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding NAICS code. Maximum size is 120 characters.</p>
FourthSic	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.</p>
FourthSic8	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.</p>
FourthSic8Desc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
FourthSicDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
GeoCodeAccuracy	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The level of accuracy of a location's geographical coordinates compared with its physical address. Available values include: <ul style="list-style-type: none"> • <i>A – Non-US rooftop accuracy</i> • <i>B – Block level</i> • <i>C – Places the address in the correct city</i> • <i>D – Rooftop level</i> • <i>I – Street intersection</i> • <i>M – Mailing address level</i> • <i>N – Not matched</i> • <i>P – PO BOX location</i> • <i>S – Street level</i> • <i>T – Census tract level</i> • <i>Z – ZIP code level</i> • <i>0 (zero) – Geocode could not be assigned</i>
GlobalUltimateBusinessName	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The primary name of the Global Ultimate, which is the highest entity within an organization's corporate structure and may oversee branches and subsidiaries. Maximum size is 255 characters.
GlobalUltimateDunsNumber	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The D-U-N-S Number of the Global Ultimate, which is the highest entity within an organization's corporate structure and may oversee branches and subsidiaries. Maximum size is 9 characters.

Field Name	Details
GlobalUltimateTotalEmployees	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The total number of employees at the Global Ultimate, which is the highest entity within an organization's corporate structure and may oversee branches and subsidiaries. Maximum size is 15 characters.</p>
ImportExportAgent	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Identifies whether a business imports goods or services, exports goods or services, and/or is an agent for goods. Available values include:</p> <ul style="list-style-type: none"> • A—Importer/exporter/agent • B—Importer/exporter • C—Importer • D—Importer/agent • E—Exporter/agent • F—Agent (keeps no inventory and does not take title goods) • G—None or data not available • H—Exporter
IncludedInSnP500	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A true or false value. If <code>true</code>, the company is listed in the S&P 500 Index. If <code>false</code>, the company isn't listed in the S&P 500 Index.</p>
Latitude	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Used with longitude to specify a precise location, which is then used to assess the Geocode Accuracy. Maximum size is 11 characters.</p>

Field Name	Details
LegalStatus	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Identifies the legal structure of an organization.</p>
LocationStatus	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Identifies the organizational status of a company. Available values are <i>Single location</i>, <i>Headquarters/Parent</i>, and <i>Branch</i>. Available values include:</p> <ul style="list-style-type: none"> 0—Single location (no other entities report to the business) 1—Headquarters/parent (branches and/or subsidiaries report to the business) 2—Branch (secondary location to a headquarters location)
Longitude	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Used with latitude to specify a precise location, which is then used to assess the Geocode Accuracy. Maximum size is 11 characters.</p>
MailingAddress	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The compound form of the mailing address. Read-only. See Address Compound Fields for details on compound address fields.</p>
MailingCity	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The city where a company has its mail delivered. Maximum size is 40 characters.</p>

Field Name	Details
MailingCountry	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The country where a company has its mail delivered. Maximum size is 40 characters.</p>
MailingPostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The postal code that a company uses on its mailing address. Maximum size is 20 characters.</p>
MailingState	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The state where a company has its mail delivered. Maximum size is 20 characters.</p>
MailingStreet	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The street address where a company has its mail delivered. Maximum size is 255 characters.</p>
MarketingPreScreen	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The probability that a company will pay with a significant delay compared to the agreed terms. The risk level is based on the standard Commercial Credit Score, and ranges from low risk to high risk. Available values include:</p> <ul style="list-style-type: none">• L—<i>Low risk of delinquency</i>• M—<i>Moderate risk of delinquency</i>• H—<i>High risk of delinquency</i>

Field Name	Details
	 Important: Use this information for marketing pre-screening purposes only.
MarketingSegmentationCluster	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Twenty-two distinct, mutually exclusive profiles, created as a result of cluster analysis of Dun & Bradstreet data for US organizations.</p>
MinorityOwned	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates whether an organization is owned or controlled by a member of a minority group. Available values include:</p> <ul style="list-style-type: none"> Y—Minority owned N—Not minority owned
Name	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The primary or registered name of a company. Maximum size is 255 characters.</p>
NationalId	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The identification number used in some countries for business registration and tax collection. Maximum size is 255 characters.</p>
NationalIdType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field Name	Details
	<p>Description</p> <p>A code value that identifies the type of national identification number used. The full list of resources can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 5 characters.</p>
OutOfBusiness	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Indicates whether the company at the specified address has discontinued operations. Available values include:</p> <ul style="list-style-type: none"> • Y—Out of business • N—Not out of business
OwnOrRent	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Indicates whether a company owns or rents the building it occupies. Available values include:</p> <ul style="list-style-type: none"> • 0—Unknown or not applicable • 1—Owns • 2—Rents
ParentOrHqBusinessName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The primary name of the parent or headquarters company. Maximum size is 255 characters.</p>
ParentOrHqDunsNumber	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The D-U-N-S Number for the parent or headquarters. Maximum size is 9 characters.</p>

Field Name	Details
Phone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A company's primary telephone number.</p>
PostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The postal code that corresponds to a company's physical location. Maximum size is 20 characters.</p>
PremisesMeasure	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A numeric value for the measurement of the premises.</p>
PremisesMeasureReliability	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A descriptive accuracy of the measurement such as actual, estimated, or modeled.</p>
PremisesMeasureUnit	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A descriptive measurement unit such as acres, square meters, or square feet.</p>
PrimaryNaics	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field Name	Details
	<p>Description</p> <p>The six-digit North American Industry Classification System (NAICS) code is the standard used by business and government to classify business establishments according to their economic activity for the purpose of collecting, analyzing, and publishing statistical data related to the US business economy. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 6 characters.</p>
PrimaryNaicsDesc	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>A brief description of an organization's line of business, based on its NAICS code. Maximum size is 120 characters.</p>
PrimarySic	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The four-digit Standard Industrial Classification (SIC) code is used to categorize business establishments by industry. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 4 characters.</p>
PrimarySic8	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The eight-digit Standard Industrial Classification (SIC) code is used to categorize business establishments by industry. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 8 characters.</p>
PrimarySic8Desc	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p>

Field Name	Details
	Description A brief description of an organization's line of business, based on its SIC code. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 80 characters.
PrimarySicDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on its SIC code. Maximum size is 80 characters.
PriorYearEmployees	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The total number of employees for the prior year.
PriorYearRevenue	Type double Properties Create, Filter, Nillable, Sort, Update Description The annual revenue for the prior year.
PublicIndicator	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Indicates whether ownership of the company is public or private. Available values include: <ul style="list-style-type: none"> • Y—Public • N—Private
SalesTurnoverGrowthRate	Type double Properties Create, Filter, Nillable, Sort, Update

Field Name	Details
	Description The increase in annual revenue from the previous value for an equivalent period expressed as a decimal percentage.
SalesVolume	Type double Properties Create, Filter, Nillable, Sort, Update Description The total annual sales revenue in the headquarters' local currency. Dun & Bradstreet tracks revenue data for publicly traded companies, Global Ultimates, Domestic Ultimates, and some headquarters.
SalesVolumeReliability	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The reliability of the SalesVolume figure. Available values include: <ul style="list-style-type: none"> 0—Actual number 1—Low 2—Estimated (for all records) 3—Modeled (for non-US records)
SecondNaics	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional NAICS code used to further classify an organization by industry. Maximum size is 6 characters.
SecondNaicsDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding NAICS code. Maximum size is 120 characters.
SecondSic	Type string

Field Name	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.</p>
SecondSic8	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.</p>
SecondSic8Desc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
SecondSicDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
SixthNaics	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional NAICS code used to further classify an organization by industry. Maximum size is 6 characters.</p>
SixthNaicsDesc	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding NAICS code. Maximum size is 120 characters.
SixthSic	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
SixthSic8	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
SixthSic8Desc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
SixthSicDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
SmallBusiness	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update

Field Name	Details
	<p>Description</p> <p>Indicates whether the company is designated a small business as defined by the Small Business Administration of the US government. Available values include:</p> <ul style="list-style-type: none">• Y—Small business site• N—Not small business site
State	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The state where a company is physically located. Maximum size is 20 characters.</p>
StockExchange	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The corresponding exchange for a company's stock symbol. For example: NASDAQ or NYSE. Maximum size is 16 characters.</p>
StockSymbol	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The abbreviation used to identify publicly traded shares of a particular stock. Maximum size is 6 characters.</p>
Street	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The street address where a company is physically located. Maximum size is 255 characters.</p>
Subsidiary	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field Name	Details
	Description Indicates whether a company is more than 50 percent owned by another organization. Available values include: <ul style="list-style-type: none"> 0—Not subsidiary of another organization 3—Subsidiary of another organization
ThirdNaics	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional NAICS code used to further classify an organization by industry. Maximum size is 6 characters.
ThirdNaicsDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding NAICS code. Maximum size is 120 characters.
ThirdSic	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
ThirdSic8	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
ThirdSic8Desc	Type string Properties Create, Filter, Group, Nillable, Sort, Update

Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
ThirdSicDesc	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
TradeStyle1	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description A name, different from its legal name, that an organization may use for conducting business. Similar to "Doing business as" or "DBA". Maximum size is 255 characters.
TradeStyle2	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional tradestyle used by the organization. Maximum size is 255 characters.
TradeStyle3	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional tradestyle used by the organization. Maximum size is 255 characters.
TradeStyle4	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description An additional tradestyle used by the organization. Maximum size is 255 characters.

Field Name	Details
TradeStyle5	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An additional tradestyle used by the organization. Maximum size is 255 characters.</p>
URL	<p>Type url</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An organization's primary website address. Maximum size is 104 characters.</p>
UsTaxId	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The identification number for the company used by the Internal Revenue Service (IRS) in the administration of tax laws. Also referred to as Federal Taxpayer Identification Number. Maximum size is 9 characters.</p>
WomenOwned	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates whether a company is more than 50 percent owned or controlled by a woman. Available values include:</p> <ul style="list-style-type: none"> • Y—Owned by a woman • N—Not owned by a woman, or unknown
YearStarted	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The year the company was established or the year when current ownership or management assumed control of the company. Maximum size is 4 characters.</p>

Usage

Use this object to manage D&B Company records in your organization.

Dashboard


Represents a dashboard, which shows data from custom reports as visual components. Access is read-only. This object is available in API version 20.0 and later.

Supported Calls

`describeSObjects()`, `describeLayout()`, `query()`, `retrieve()`, `search()`

Fields

Field	Details
<code>BackgroundDirection</code>	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description Returns the direction of the background fade. Available values are:</p> <ul style="list-style-type: none">• Top to Bottom• Left to Right• Diagonal (default value) <p>Label is Background Fade Direction.</p>
<code>BackgroundEnd</code>	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description Returns the ending fade color in hexadecimal. Label is Ending Color.</p>
<code>BackgroundStart</code>	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description Returns the starting fade color in hexadecimal. Label is Starting Color.</p>

Field	Details
Description	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Returns the description of the dashboard. Limit: 255 characters.</p>
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description Required. The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is <code>Dashboard Unique Name</code>.</p> <p> Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.</p>
FolderId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description Required. Returns the ID of the Folder that contains the dashboard. See <code>Folder</code>. This is a relationship field.</p> <p>Relationship Name Folder</p> <p>Relationship Type Lookup</p> <p>Refers To Folder, User</p>
FolderName	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	Description Name of the folder that contains the dashboard. Available in API version 35.0 and later.
IsDeleted	Type boolean Properties Defaulted on create, Filter Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.
LastReferencedDate	Type datetime Properties Filter, Nillable, Sort Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.
LastViewedDate	Type datetime Properties Filter, Nillable, Sort, Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.
LeftSize	Type picklist Properties Filter, Group, Restricted picklist, Sort Description Returns the size of the left column of the dashboard. Available values are: <ul style="list-style-type: none">• Narrow• Medium• Wide

Field	Details
MiddleSize	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Returns the size of the middle column of the dashboard. Available values are:</p> <ul style="list-style-type: none">• Narrow• Medium• Wide
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none">• In Developer Edition orgs, NamespacePrefix is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer.• In orgs that are not Developer Edition orgs, NamespacePrefix is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.
RightSize	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description Returns the size of the right column in the dashboard. Available values are:</p> <ul style="list-style-type: none">• Narrow• Medium• Wide

Field	Details
RunningUserId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description Returns the ID of the running user specified for the dashboard. If the dashboard was created in Lightning Experience and is configured to run as the viewing user, returns the user ID of the dashboard creator. If the dashboard was created in Salesforce Classic and is configured to run as the logged-in user, returns the user ID of the last specified running user. This is a relationship field.</p> <p>Relationship Name RunningUser</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
TextColor	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description Returns the body text color in hexadecimal. Label is <code>Text Color</code>.</p>
Title	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description Returns the title of the dashboard. Limit: 80 characters.</p>
TitleColor	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description Returns the title text color in hexadecimal. Label is <code>Title Color</code>.</p>
TitleSize	<p>Type int</p>

Field	Details
	Properties Filter, Group, Sort Description Returns the title font size in points. Label is <code>Title Size</code> .
Type	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort Description Returns the dashboard type. Available values are: <ul style="list-style-type: none"> • <code>SpecifiedUser</code>—The dashboard displays data according to the access level of one specific running user. • <code>LoggedInUser</code>—The dashboard displays data according to the access level of the logged-in user. • <code>MyTeamUser</code>—The dashboard displays data according to the access level of the logged-in user, and managers can view dashboards from the point of view of users beneath them in the role hierarchy.

Supported Query Scopes

Use these scopes to help specify the data that your SOQL query returns.

allPrivate

Records saved in all users' private folders.

Requires the user permission "Manage All Private Reports and Dashboards" and [Enhanced Analytics Folder Sharing](#). If your organization was created after the Summer '13 release, you already have Enhanced Analytics Folder Sharing. Available in API version 36.0 and later.

created

Records created by the user running the query.

everything

All records except records saved in other users' private folders.

mine

Records saved in the private folder of the user running the query.

Usage

Provides read only access to the current values in the dashboard fields.

Example: Dashboards in an Inactive User’s Private Folder

This SOQL query returns dashboards saved in a specific user’s private folder.

```
SELECT Id FROM Dashboard USING SCOPE allPrivate WHERE CreatedById = '005A0000000Bc2deFG'
```

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

DashboardFeed

Feed tracking is available for the object.

SEE ALSO:

- [DashboardTag](#)
- [Report](#)

DashboardComponent

Represents a dashboard component, which can be a chart, metric, table, or gauge on a dashboard. Access is read-only. This object is available in API version 21.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
CustomReportId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Requires the user permission "Manage All Private Reports and Dashboards." The ID of the report that provides data for the dashboard component. See Report.</p>
DashboardId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>The ID of the dashboard that contains the dashboard component. See Dashboard.</p> <p>This is a relationship field.</p>

Field	Details
	Relationship Name Dashboard
	Relationship Type Lookup
	Refers To Dashboard
Name	Type string
	Properties Filter, Group, Nillable, Sort
	Description The name of the dashboard component.

Usage

Provides read only access to the current values in dashboard component fields.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[DashboardComponentFeed](#)

Feed tracking is available for the object.

DashboardTag

Associates a word or short phrase with a Dashboard. This object is available in API version 20.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ItemId	Type reference
	Properties Create, Filter

Field Name	Details
	Description ID of the tagged item.
Name	Type string Properties Create, Filter Description Name of the tag. If this value does not already exist, a new TagDefinition is created and becomes the parent of this Tag object. Otherwise, a TagDefinition with the same name becomes the parent of this Tag object. Parent relationships are created automatically.
TagDefinitionId	Type reference Properties Filter Description ID of the parent TagDefinition object that owns the tag.
Type	Type picklist Properties Create, Filter, Restricted picklist Description Defines the visibility of a tag. Valid values: <ul style="list-style-type: none">• <code>Public</code>—The tag can be viewed and manipulated by all users in an organization.• <code>Personal</code>—The tag can be viewed or manipulated only by a user with a matching <code>OwnerId</code>.

Usage

DashboardTag stores the relationship between its parent TagDefinition and the Dashboard being tagged. Tag objects act as metadata, allowing users to describe and organize their data.

When a tag is deleted, its parent TagDefinition will also be deleted if the name is not being used; otherwise, the parent remains. Deleting a TagDefinition sends it to the Recycle Bin, along with any associated tag entries.

SEE ALSO:

[Dashboard](#)

DataAssessmentFieldMetric

Represents summary statistics for matched, blank, and differing fields in account records of an org compared to records in Data.com. This object is available in API version 37.0 and later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Child Relationships

DataAssessmentFieldMetric is a child object of [DataAssessmentMetric](#) object.

Fields

Field Name	Details
DataAssessmentMetricId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description A unique number that identifies the parent DataAssessmentMetric record. This is a relationship field.</p> <p>Relationship Name DataAssessmentMetric</p> <p>Relationship Type Lookup</p> <p>Refers To DataAssessmentMetric</p>
FieldName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The name of the assessed field.</p>

Field Name	Details
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description An optional field used to name your record.</p>
NumMatchedBlanks	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of matched records that contain blank fields.</p>
NumMatchedDifferent	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of matched records that have a different value for this field.</p>
NumMatchedInSync	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of matched records that have the same value for this field.</p>
NumUnmatchedBlanks	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of unmatched records that contain blank fields.</p>

DataAssessmentMetric

Represents a summary of statistics for fields matched and unmatched in your account records with Data.com account records. This object is available in API version 37.0 and later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field Name	Details
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description An optional field used to name your record.</p>
NumDuplicates	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of duplicate records.</p>
NumMatched	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of matched records.</p>
NumMatchedDifferent	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of records in your org matched with a Data.com record that have different fields.</p>

Field Name	Details
NumProcessed	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of records processed in the data assessment.</p>
NumTotal	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of records available for data assessment processing.</p>
NumUnmatched	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of records not matched.</p>

DataAssessmentValueMetric

Summarizes the number of fields matched for your account records with Data.com account records. This object is available in API version 37.0 and later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Child Relationships

DataAssessmentValueMetric is a child of [DataAssessementFieldMetric](#).

Fields

Field Name	Details
DataAssessmentFieldMetricId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description A unique number that identifies the parent DataAssesmentFieldMetric record. This is a relationship field.</p> <p>Relationship Name DataAssessmentFieldMetric</p> <p>Relationship Type Lookup</p> <p>Refers To DataAssessmentFieldMetric</p>
FieldValue	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The value in the matched field.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description An optional field used to name your record.</p>
ValueCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of times this value appears in this field.</p>

DatacloudCompany

Represents the fields for Data.com company records. This object is available in API version 30.0 or later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields are removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeLayout()`, `describeSObjects()`, `query()`

Fields

Field Name	Details
ActiveContacts	Type int Properties Nillable Description The number of active contacts that are associated with a company.
AnnualRevenue	Type currency Properties Filter, Nillable Description The amount of money that the company makes in 1 year. Annual revenue is measured in US dollars.
City	Type string Properties Filter, Nillable, Sort Description The name of the city where the company is located.
CompanyId	Type string Properties Filter, Nillable

Field Name	Details
	Description A unique numerical identifier for the company and theData.com identifier for a company.
Country	Type string Properties Filter, Nillable, Sort Description A string that represents the standard abbreviation for the country where the company is located.
CountryCode	Type picklist Properties Filter, Group, Nillable, Restricted picklist Description A standardized name for countries of the world.
Description	Type string Properties Nillable Description A brief synopsis of the company that provides a general overview of the company and what it does.
DunsNumber	Type string Properties Filter, Nillable Description A randomly generated nine-digit number that's assigned by Dun & Bradstreet (D&B) to identify unique business establishments.
EmployeeQuantityGrowthRate	Type double Properties Nillable

Field Name	Details
	Description The yearly growth rate of the number of employees in a company expressed as a decimal percentage. The data includes the total employee growth rate for the past two years.
ExternalId	Type string Properties Filter, Nillable, Sort Description A unique numerical identifier for the company. The ExternalId is a system-generated number.
Fax	Type phone Properties Nillable Description The telephone number that's used to send and receive faxes.
FortuneRank	Type int Properties Defaulted on create, Group, Nillable Description The numeric value of the company's Fortune 1000 ranking. A null or blank value means that the company isn't ranked as a Fortune 1000 company.
FullAddress	Type string Properties Group, Nillable Description The complete address of a company, including Street , City , State , and Zip .
IncludedInSnP500	Type string Properties Group, Nillable

Field Name	Details
	Description A true or false value. If <code>true</code> , the company is listed in the S&P 500 Index. If <code>false</code> , the company isn't listed in the S&P 500 Index.
Industry	Type string Properties Nillable Description A description of the type of industry such as Telecommunications, Agriculture, or Electronics.
IsInCrm	Type boolean Properties Defaulted on create, Group Description Whether the record is in Salesforce (true) or not (false).
IsInactive	Type boolean Properties Defaulted on create, Filter Description A true or false response. True, the company record is not active. False, the company record is active.
IsOwned	Type boolean Properties Defaulted on create Description A true or false value. True, your organization owns the record. False, your organization doesn't own the record.
NaicsCode	Type string Properties Filter, Nillable

Field Name	Details
	Description A value that represents the North American Industry Classification System (NAICS) code. NAICS was created to provide details about a business's service orientation. The code descriptions are focused on what a business does.
NaicsDesc	Type string Properties Nillable Description A description of the NAICS classification.
Name	Type string Properties Filter, Nillable, Sort Description The company's name.
NumberOfEmployees	Type int Properties Filter, Nillable Description The number of employees working for the company.
Ownership	Type string Properties Filter, Nillable Description The type of ownership of the company: <ul style="list-style-type: none">• Public• Private• Government• Other
Phone	Type phone

Field Name	Details
	Properties Nillable Description A numeric string containing the primary telephone number for the company.
PremisesMeasure	Type int Properties Group, Nillable Description A numeric value for the measurement of the premises.
PremisesMeasureReliability	Type string Properties Group, Nillable Description A descriptive accuracy of the measurement such as actual, estimated, or modeled.
PremisesMeasureUnit	Type string Properties Group, Nillable Description A descriptive measurement unit such as acres, square meters, or square feet.
PriorYearEmployees	Type int Properties Group, Nillable Description The total number of employees for the prior year.
PriorYearRevenue	Type double Properties Nillable Description The annual revenue for the prior year.

Field Name	Details
SalesTurnoverGrowthRate	<p>Type double</p> <p>Properties Nillable</p> <p>Description The increase in annual revenue from the previous value for an equivalent period expressed as a decimal percentage.</p>
Sic	<p>Type string</p> <p>Properties Filter, Nillable</p> <p>Description A numeric value that represents the Standard Industrial Codes (SIC). SIC is a numbering convention that indicates what type of service a business provides. It is a four-digit value.</p>
SicCodeDesc	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description The SIC numeric code and descscption for a company.</p>
SicDesc	<p>Type string</p> <p>Properties Nillable</p> <p>Description A description of the SIC classification.</p>
Site	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist</p> <p>Description An organizational status of the company.</p> <ul style="list-style-type: none">• Branch: a secondary location to a headquarter location• Headquarter: a parent company with branches or subsidiaries• Single Location: a single business with no subsidiaries or branches

Field Name	Details
State	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The two-letter standard abbreviation for a state.</p>
StateCode	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist</p> <p>Description A standard two-letter abbreviation for states and territories of the United States. The state where the company is located. The abbreviation can also be a province or other equivalent to a state, depending on the country where the company is located.</p>
Street	<p>Type string</p> <p>Properties Nillable</p> <p>Description A postal address for the company.</p>
TickerSymbol	<p>Type string</p> <p>Properties Nillable</p> <p>Description The symbol that uniquely identifies companies that are traded on public stock exchanges.</p>
TradeStyle	<p>Type string</p> <p>Properties Nillable</p> <p>Description A legal name under which a company conducts business.</p>

Field Name	Details
UpdatedDate	Type dateTime Properties Nillable, Sort Description The last date and time when the information for this company was updated.
Website	Type url Properties Nillable Description The standard URL for the company's home page.
YearStarted	Type string Properties Nillable Description The year when the company was founded.
Zip	Type string Properties Filter, Nillable Description A numeric postal code that's designated for the address.

Usage

Use the DatacloudCompany object to search the Data.com database for companies with the specific criteria that you enter. Use this object to find company records that you are interested in purchasing for your organization. Data.com APIs use the term "company," which is similar to Salesforce term "accounts."



Important: DatacloudCompany can't be used in Apex test methods, because an external web service call is required to access it. These calls are not allowed in Apex test methods.

DatacloudContact

The fields and properties for Data.com contact records. This object is available in API version 30.0 or later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields are removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.


For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeSObjects()`, `query()`

Fields

Field Name	Details
City	Type string Properties Filter, Nillable, Sort Description The city where the company is located.
CompanyId	Type string Properties Filter, Nillable Description The unique numerical identifier for the company and the Data.com company identification number or Data.com Key.
CompanyName	Type string Properties Filter, Group, Sort Description The name of the company.
ContactId	Type string Properties Filter, Nillable Description The unique numeric identifier for this contact.

Field Name	Details
Country	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The standard abbreviation or name for the country where the company is located.</p> <p> Note: You can enter a comma-separated list of countries; however, for a country that uses a comma in its name, leave out the comma. For example, enter "Taiwan, ROC" as Taiwan ROC.</p>
Department	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist</p> <p>Description The department in the company that the contact is affiliated with. The values of this field are fixed enumerated values.</p> <ul style="list-style-type: none">• Engineering• Finance• Human Resources• IT• Marketing• Operations• Other• Sales• Support
Email	<p>Type email</p> <p>Properties Filter, Nillable</p> <p>Description A business email address for the contact.</p>
ExternalId	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p>

Field Name	Details
	Description A unique system-generated numerical identifier for the contact.
FirstName	Type string Properties Filter, Nillable Description The first name of the contact.
IsInCrm	Type boolean Properties Defaulted on create, Group Description Whether the record is in Salesforce (true) or not (false).
IsInactive	Type boolean Properties Defaulted on create, Filter Description Whether the record is active (false) or not (true).
IsOwned	Type boolean Properties Defaulted on create Description <ul style="list-style-type: none">• True: You own this record.• False: You do not own this record.
LastName	Type string Properties Filter, Nillable, Sort Description The last name of the contact.

Field Name	Details
Level	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist</p> <p>Description A human resource label that designates a person's level in the company. The values of this field are fixed enumerated values.</p> <ul style="list-style-type: none">• C-Level• VP• Director• Manager• Staff• Other
Phone	<p>Type phone</p> <p>Properties Nillable</p> <p>Description The direct-dial telephone number for the contact.</p>
SocialHandles	<p>Type string</p> <p>Description The social handles for this contact. Social handles are a normalized URL and user name for social media accounts such as, LinkedIn, Facebook, and Twitter. This field is response-only.</p> <p>The DatacloudSocialHandles object is a child of the DatacloudContact object.</p>
State	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The state where the company is located, which can also be a province or other equivalent to a state, depending on the country where the company is located.</p>
Street	<p>Type string</p>

Field Name	Details
	Properties Nillable Description The street address for the company where the contact works.
Title	Type string Properties Filter, Group, Nillable, Sort Description Title of the contact such as CEO or Vice President.
UpdatedDate	Type dateTime Properties Nillable, Sort Description The last date and time when the information for a contact was updated.
Zip	Type string Properties Filter, Nillable Description The postal or zip code for the address.

Usage

This object searches the Data.com database for contacts with the specific criteria that you enter. Use this object to find contact records that you are interested in purchasing for your organization.



Important: DatacloudContact can't be used in Apex test methods, because an external web service call is required to access it. These calls are not allowed in Apex test methods.

DatacloudDandBCompany

Represents a set of read-only fields that are used to return D&B company data from Data.com API calls. This object is available in API version 30.0 or later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields will be removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`describeSObjects()`, `query()`

Fields

Field Name	Details
City	Type string Properties Nillable Description The name of the city where the company is physically located.
CompanyCurrencyIsoCode	Type picklist Properties Nillable, Restricted picklist Description The code used to represent a company's local currency. This data is provided by the International Organization for Standardization (ISO) and is based on their three-letter currency codes. For example, USD is the ISO code for United States Dollar.
CompanyId	Type string Properties Filter, Nillable, Sort Description A unique numeric identifier for a company.
Country	Type string Properties Nillable

Field Name	Details
	Description The country where a company is physically located.
CountryAccessCode	Type string Properties Nillable Description The required code for international calls.
CurrencyCode	Type picklist Properties Nillable, Restricted picklist Description The currency in which the company's sales volume is expressed.
Description	Type string Properties Nillable Description A brief description of the company, which may include information about its history, its products and services, and its influence on a particular industry.
DomesticUltimateBusinessName	Type string Properties Nillable Description The primary name of the Domestic Ultimate, which is the highest ranking subsidiary, specified by country, within an organization's corporate structure.
DomesticUltimateDunsNumber	Type string Properties Nillable Description The D-U-N-S number for the Domestic Ultimate, which is the highest-ranking subsidiary, specified by country, within an organization's corporate structure.

Field Name	Details
DunsNumber	<p>Type string</p> <p>Properties Filter, Nillable</p> <p>Description The Data Universal Numbering System (D-U-N-S) number is a unique, nine-digit number assigned to every business location in the Dun & Bradstreet database that has a unique, separate, and distinct operation. D-U-N-S numbers are used by industries and organizations around the world as a global standard for business identification and tracking.</p>
EmployeeQuantityGrowthRate	<p>Type double</p> <p>Properties Nillable</p> <p>Description The yearly growth rate of the number of employees in a company expressed as a decimal percentage. The data includes the total employee growth rate for the past two years.</p>
EmployeesHere	<p>Type double</p> <p>Properties Nillable</p> <p>Description The number of employees at a specified location, such as a branch location.</p>
EmployeesHereReliability	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description The reliability of the EmployeesHere figure. Available values are <i>Actual number, Low, Estimated (for all records), Modeled (for non-US records)</i>. A blank value indicates this data is unavailable.</p>
EmployeesTotal	<p>Type double</p> <p>Properties Nillable</p>

Field Name	Details
	Description The total number of employees in the company, including all subsidiary and branch locations. This data is available only on records that have a value of <i>Headquarters/Parent</i> in the <code>LocationStatus</code> field.
EmployeesTotalReliability	Type picklist Properties Nillable, Restricted picklist Description The reliability of the <code>EmployeesTotal</code> figure. Available values are <i>Actual number, Low, Estimated (for all records), Modeled (for non-US records)</i> . A blank value indicates this data is unavailable.
ExternalId	Type string Properties Filter, Nillable, Sort Description A system generated numeric identification.
FamilyMembers	Type int Properties Nillable Description The total number of family members, worldwide, within an organization, including the Global Ultimate, its subsidiaries (if any), and its branches (if any).
Fax	Type phone Properties Nillable Description The company's facsimile number.
FifthNaics	Type string Properties Nillable


Field Name	Details
	Description A NAICS code that's used to further classify an organization by industry.
FifthNaicsDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding NAICS code.
FifthSic	Type string Properties Nillable Description A Standard Industrial Classification (SIC) code that's used to further classify an organization by industry.
FifthSic8	Type string Properties Group, Nillable Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
FifthSic8Desc	Type string Properties Group, Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
FifthSicDesc	Type string Properties Nillable

Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding SIC code.
FipsMsaCode	Type string Properties Nillable Description The Federal Information Processing Standards (FIPS) and the Metropolitan Statistical Area (MSA) codes identify the organization's location. The MSA codes are defined by the US Office of Management and Budget.
FipsMsaDesc	Type string Properties Nillable Description A brief description of an organization's FIPS MSA code.
FortuneRank	Type int Properties Defaulted on create, Group, Nillable Description The numeric value of the company's Fortune 1000 ranking. A null or blank value means that the company isn't ranked as a Fortune 1000 company.
FourthNaics	Type string Properties Nillable Description A NAICS code used to further classify an organization by industry.
FourthNaicsDesc	Type string Properties Nillable


Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding NAICS code.
FourthSic	Type string Properties Group, Nillable Description A SIC code used to further classify an organization by industry.
FourthSic8	Type string Properties Group, Nillable Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
FourthSic8Desc	Type string Properties Group, Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
FourthSicDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code.
GeoCodeAccuracy	Type picklist Properties Nillable, Restricted picklist

Field Name	Details
	Description <p>The level of accuracy of a location's geographical coordinates compared with its physical address. Available values include <i>Rooftop level</i>, <i>Street level</i>, <i>Block level</i>, <i>Census tract level</i>, <i>Mailing address level</i>, <i>ZIP code level</i>, <i>Geocode could not be assigned</i>, <i>Places the address in the correct city</i>, <i>Not matched</i>, <i>State or Province Centroid</i>, <i>Street intersection</i>, <i>PO BOX location</i>, <i>Non-US rooftop accuracy</i>, <i>County Centroid</i>, <i>Sub Locality-Street Level</i>, and <i>Locality Centroid</i></p>
GlobalUltimateBusinessName	Type string Properties Nillable Description <p>The primary name of the Global Ultimate, which is the highest entity within an organization's corporate structure and may oversee branches and subsidiaries.</p>
GlobalUltimateDunsNumber	Type string Properties Filter, Nillable Description <p>The D-U-N-S number of the Global Ultimate, which is the highest-ranking entity within an organization's corporate structure and can oversee branches and subsidiaries.</p>
GlobalUltimateTotalEmployees	Type double Properties Nillable Description <p>The total number of employees at the Global Ultimate, which is the highest entity within an organization's corporate structure and may oversee branches and subsidiaries.</p>
ImportExportAgent	Type picklist Properties Nillable, Restricted picklist

Field Name	Details
	Description Identifies whether a business imports goods or services, exports goods or services, and/or is an agent for goods.
IncludedInSnP500	Type string Properties Group, Nillable Description A true or false value. If <code>true</code> , the company is listed in the S&P 500 Index. If <code>false</code> , the company isn't listed in the S&P 500 Index.
Industry	Type string Properties Group, Nillable Description A description of the type of industry such as Telecommunications, Agriculture, or Electronics.
IsOwned	Type boolean Properties Defaulted on create Description A true or false value. True, your organization owns the record. False, your organization doesn't own the record.
IsParent	Type boolean Properties Defaulted on create, Description A true or false value. True, the company is a parent company. False, the company isn't a parent company. A parent company owns other companies.
Latitude	Type string Properties Nillable

Field Name	Details								
	Description Used with longitude to specify a precise location, which is used to assess the Geocode Accuracy.								
LegalStatus	Type picklist Properties Nillable, Restricted picklist Description Identifies the legal structure of an organization. Available values include <i>Cooperative, Nonprofit organization, Local government body, Partnership of unknown type, and Foreign company.</i>								
LocationStatus	Type picklist Properties Filter, Nillable, Restricted picklist Description Identifies the organizational status of a company. A numeric value represents each value. <table><tr><th>Organizational status</th><th>Numeric value</th></tr><tr><td><i>Single location:</i> The business has no branches or subsidiaries.</td><td>0</td></tr><tr><td><i>Headquarters/Parent:</i> A parent company that owns more than 50 percent of another company. When the company also has branches, it's the headquarters.</td><td>1</td></tr><tr><td><i>Branch:</i> A secondary location of a business.</td><td>2</td></tr></table>	Organizational status	Numeric value	<i>Single location:</i> The business has no branches or subsidiaries.	0	<i>Headquarters/Parent:</i> A parent company that owns more than 50 percent of another company. When the company also has branches, it's the headquarters.	1	<i>Branch:</i> A secondary location of a business.	2
Organizational status	Numeric value								
<i>Single location:</i> The business has no branches or subsidiaries.	0								
<i>Headquarters/Parent:</i> A parent company that owns more than 50 percent of another company. When the company also has branches, it's the headquarters.	1								
<i>Branch:</i> A secondary location of a business.	2								
	 Note: Only the numeric value is accepted in an API request.								
Longitude	Type string Properties Nillable								

Field Name	Details
	Description Used with latitude to specify a precise location, which is used to assess the Geocode Accuracy.
MailingCity	Type string Properties Nillable Description The city where a company has its mail delivered.
MailingCountry	Type string Properties Nillable Description The country where a company has its mail delivered.
MailingState	Type string Properties Nillable Description The state where a company has its mail delivered.
MailingStreet	Type string Properties Nillable Description The street address where a company has its mail delivered.
MailingZip	Type string Properties Nillable Description The postal zip code for the company.

Field Name	Details
MarketingPreScreen	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description The probability that a company pays with a significant delay compared to the agreed terms. The risk level is based on the standard Commercial Credit Score, and ranges from low risk to high risk. Available values are <i>High risk of delinquency</i>, <i>Low risk of delinquency</i>, and <i>Moderate risk of delinquency</i>.</p> <p> Important: Use this information for marketing pre-screening purposes only.</p>
MarketingSegmentationCluster	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description Twenty-two distinct, mutually exclusive profiles, created as a result of cluster analysis of Dun & Bradstreet data for US organizations. Available values include <i>High-Tension Branches of Insurance/Utility Industries</i>, <i>Rapid-Growth Large Businesses</i>, <i>Labor-Intensive Giants</i>, <i>Spartans</i>, <i>Main Street USA</i>.</p>
MinorityOwned	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description Indicates whether an organization is owned or controlled by a member of a minority group.</p>
Name	<p>Type string</p> <p>Properties Filter, Nillable</p> <p>Description The primary or registered name of a company.</p>
NationalId	<p>Type string</p>

Field Name	Details
	Properties Nillable Description The identification number used in some countries for business registration and tax collection.
NationalIdType	Type picklist Properties Nillable, Restricted picklist Description A code value that identifies the type of national identification number that's used.
OutOfBusiness	Type picklist Properties Nillable, Restricted picklist Description Indicates whether the company at the specified address has discontinued operations.
OwnOrRent	Type picklist Properties Nillable, Restricted picklist Description Indicates whether a company owns or rents the building it occupies.
ParentOrHqBusinessName	Type string Properties Nillable Description The primary name of the parent or headquarters company.
ParentOrHqDunsNumber	Type string Properties Filter, Nillable

Field Name	Details
	Description The D-U-N-S number for the parent or headquarters.
Phone	Type phone Properties Nillable Description A company's primary telephone number.
PremisesMeasure	Type int Properties Group, Nillable Description A numeric value for the measurement of the premises.
PremisesMeasureReliability	Type string Properties Group, Nillable Description A descriptive accuracy of the measurement such as actual, estimated, or modeled.
PremisesMeasureUnit	Type string Properties Group, Nillable Description A descriptive measurement unit such as acres, square meters, or square feet.
PrimaryNaics	Type string Properties Nillable Description The six-digit North American Industry Classification System (NAICS) code is the standard used by business and government to classify business establishments according to their economic activity for the purpose of collecting, analyzing, and publishing statistical data related to the US business economy.

Field Name	Details
PrimaryNaicsDesc	<p>Type string</p> <p>Properties Nillable</p> <p>Description A brief description of an organization's line of business, based on its NAICS code.</p>
PrimarySic	<p>Type string</p> <p>Properties Nillable</p> <p>Description The four-digit SIC code that's used to categorize business establishments by industry.</p>
PrimarySic8	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description The eight-digit Standard Industrial Classification (SIC) code is used to categorize business establishments by industry. The full list of values can be found at the Optimizer Resources page maintained by Dun & Bradstreet. Maximum size is 8 characters.</p>
PrimarySic8Desc	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
PrimarySicDesc	<p>Type string</p> <p>Properties Nillable</p> <p>Description A brief description of an organization's line of business, based on its SIC code.</p>

Field Name	Details
PriorYearEmployees	Type int Properties Group, Nillable Description The total number of employees for the prior year.
PriorYearRevenue	Type double Properties Nillable Description The annual revenue for the prior year.
PublicIndicator	Type picklist Properties Nillable, Restricted picklist Description Indicates whether ownership of the company is public or private.
Revenue	Type double Properties Nillable Description The annual revenue of a company in US dollars.
SalesTurnoverGrowthRate	Type double Properties Nillable Description The increase in annual revenue from the previous value for an equivalent period expressed as a decimal percentage.
SalesVolume	Type double Properties Nillable

Field Name	Details
	Description The total annual sales revenue in the headquarters' local currency. Dun & Bradstreet tracks revenue data for publicly traded companies, Global Ultimates, Domestic Ultimates, and some headquarters.
SalesVolumeReliability	Type picklist Properties Nillable, Restricted picklist Description The reliability of the SalesVolume figure.
SecondNaics	Type string Properties Nillable Description A NAICS code used to further classify an organization by industry.
SecondNaicsDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding NAICS code.
SecondSic	Type string Properties Nillable Description A SIC code used to further classify an organization by industry.
SecondSic8	Type string Properties Group, Nillable

Field Name	Details
	Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
SecondSic8Desc	Type string Properties Group, Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
SecondSicDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code.
SixthNaics	Type string Properties Nillable Description A NAICS code used to further classify an organization by industry.
SixthNaicsDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code.
SixthSic	Type string Properties Nillable Description A SIC code used to further classify an organization by industry.

Field Name	Details
SixthSic8	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.</p>
SixthSic8Desc	<p>Type string</p> <p>Properties Group, Nillable</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.</p>
SixthSicDesc	<p>Type string</p> <p>Properties Nillable</p> <p>Description A brief description of an organization's line of business, based on the corresponding SIC code.</p>
SmallBusiness	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description Indicates whether the company is designated a small business as defined by the Small Business Administration of the US government.</p>
State	<p>Type string</p> <p>Properties Nillable</p> <p>Description The state where a company is physically located.</p>
StockExchange	<p>Type string</p>

Field Name	Details
	Properties Nillable Description The corresponding exchange for a company's stock symbol, for example, NASDAQ or NYSE.
StockSymbol	Type string Properties Nillable Description The abbreviation that's used to identify publicly traded shares of a particular stock.
Street	Type string Properties Nillable Description The street address where a company is physically located.
Subsidiary	Type picklist Properties Nillable, Restricted picklist Description Indicates whether a company is more than 50 percent owned by another organization.
ThirdNaics	Type string Properties Nillable Description A NAICS code used to further classify an organization by industry.
ThirdNaicsDesc	Type string Properties Nillable

Field Name	Details
	Description A brief description of an organization's line of business, based on the corresponding NAICS code.
ThirdSic	Type string Properties Nillable Description A SIC code used to further classify an organization by industry.
ThirdSic8	Type string Properties Group, Nillable Description An additional SIC code used to further classify an organization by industry. Maximum size is 8 characters.
ThirdSic8Desc	Type string Properties Group, Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code. Maximum size is 80 characters.
ThirdSicDesc	Type string Properties Nillable Description A brief description of an organization's line of business, based on the corresponding SIC code.
TradeStyle1	Type string Properties Nillable

Field Name	Details
	Description A name, different from its legal name, that an organization may use for conducting business. Similar to "Doing business as" or "DBA".
TradeStyle2	Type string Properties Nillable Description A tradestyle used by the organization.
TradeStyle3	Type string Properties Nillable Description A tradestyle used by the organization.
TradeStyle4	Type string Properties Nillable Description A tradestyle used by the organization.
TradeStyle5	Type string Properties Nillable Description A tradestyle used by the organization.
UsTaxId	Type string Properties Nillable Description The identification number for the company used by the Internal Revenue Service (IRS) in the administration of tax laws. Also referred to as Federal Taxpayer Identification Number.

Field Name	Details
Website	<p>Type url</p> <p>Properties Filter, Group, Nillable</p> <p>Description An organization's primary website address.</p>
WomenOwned	<p>Type picklist</p> <p>Properties Nillable, Restricted picklist</p> <p>Description Indicates whether a company is more than 50 percent owned or controlled by a woman.</p>
YearStarted	<p>Type string</p> <p>Properties Nillable</p> <p>Description The year when the company was established or the year when current ownership or management assumed control of the company.</p>
Zip	<p>Type string</p> <p>Properties Nillable</p> <p>Description A five or nine-digit code that's used to help sort mail.</p>

Usage

Use this object to return D&B Company information. These fields are read-only.



Important: DatacloudDandBCompany can't be used in Apex test methods, because an external web service call is required to access it. These calls are not allowed in Apex test methods.

DatacloudOwnedEntity

Represents fields in the DatacloudOwnedEntity object. The DatacloudOwnedEntity object tracks user-purchased records. This object is available in API version 30.0 or later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields are removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`create()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field Name	Details
DataDotComKey	<p>Type string</p> <p>Properties Create, Filter, Sort</p> <p>Description The Data.com contact or company record identification number used by the DatacloudPurchaseUsage object to keep track of purchased records. This is equivalent to the Data.com record ID for a contact or company.</p>
DatacloudEntityType	<p>Type picklist</p> <p>Properties Create, Filter, Restricted picklist, Sort</p> <p>Description The type of Data.com record you want to purchase.</p> <ul style="list-style-type: none">• 0—contact• 1—company
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, Sort</p>

Field Name	Details
	Description An optional field used to name your record.
PurchaseType	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description A read only field set by the API to identify the purchase type. <ul style="list-style-type: none">• Added• Export• API
PurchaseUsageId	Type reference Properties Create, Filter, Group, Nillable, Sort Description The unique identification number for the DatacloudPurchaseUsage object created by making a REST POST request. <ul style="list-style-type: none">• 0—contact• 1—company
UserId	Type reference Properties Filter, Group, Sort Description A unique identifier for the user making the purchase.

Usage

The Datacloud object that tracks records that are purchased and owned by a specific user.

DatacloudPurchaseUsage

Represents an object used to identify and track Data.com record purchases. This object is available in API version 30.0 or later.



Note: When your Data.com Prospector or Data.com Clean contract expires, Data.com features, objects, and fields are removed from your org.

To support customers' needs around compliance and to remain a leader in trust and privacy, Salesforce removed all contact data from the Data.com service on February 1, 2021.

For more information, see [Data.com Prospector and Clean Retirement](#).

Supported Calls

`create()`, `delete()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Fields

Field Name	Details
DatacloudEntityType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The type of Data.com record you want to purchase.</p> <ul style="list-style-type: none"> 0—indicates contact entity type. 1—indicates company entity type.
Description	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description An optional field. You can add a description for your purchase.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, Sort</p> <p>Description An optional field used to name your record.</p>
PurchaseType	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p>

Field Name	Details
	Description A read only field set by the API to identify the purchase type. <ul style="list-style-type: none">• Added• Export• API
Usage	Type double Properties Filter, Sort Description A read only field set by the API. It is used to track the points used to purchase records.
UserId	Type reference Properties Filter, Group, Sort Description A read only field set by the API that identifies the user purchasing the records.
UserType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description A read only field set by the API with 2 user types. <ul style="list-style-type: none">• Monthly Usage• List Pool User

Usage

The DatacloudPurchaseUsage object allows you to track Data.com record purchases for CRM users.

DataIntegrationRecordPurchasePermission

Indicates Lightning Data purchase credits that a Salesforce admin has granted to users.

This object is available in API versions 42.0 and later.

Supported Calls

`describeSObjects()`, `create()`, `delete()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Spring '20 and later, only your Salesforce org's internal users can access this object.

Fields

Field Name	Details
<code>ExternalObject</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates the name of the data service record matched to the Salesforce record.</p>
<code>UserId</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Indicates the ID of a user to whom purchase credits are assigned. This is a relationship field.</p> <p>Relationship Name User</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
<code>UserRecordPurchaseLimit</code>	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Represents the number of purchase credits assigned to a user.</p>

DatasetExport



Represents a dataset exported from CRM Analytics. When a dataset is exported, the data is converted into a .csv file and the schema is stored in a separate JSON file. These files are stored in two objects: DatasetExport and DatasetExportPart. DatasetExport acts as the header and includes the JSON schema.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
CompressedMetadataLength	Type int Properties Filter, Group, Nillable, Sort Description This field is required when a record in an object contains a BLOB (binary large object) field. In the DataExport object, Metadata is the BLOB field.
Metadata	Type base64 Properties Nillable Description Contains the JSON schema that describes the data in the CSV. This schema includes column metadata such as type, format, and defaultValue.
MetadataLength	Type int Properties Filter, Group, Nillable, Sort Description This field is required when a record in an object contains a BLOB (binary large object) field. In the DataExport object, Metadata is the BLOB field.
Owner	Type string Properties Filter, Group, Nillable, Sort

Field	Details
	<p>Description</p> <p>User ID of the owner, as specified in the <code>userId</code> parameter in the export node of the dataflow that created the record. Only the specified owner can read the content of the record.</p>
PublisherInfo	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, idLookup, Sort</p> <p>Description</p> <p>Identifies the export record to facilitate searching when a user has multiple export records. By default, this column is set to the ID of the dataflow that generated the export record, concatenated with the name of the specific export node. PublisherInfo is unique within your organization.</p> <p> Note: A dataflow can have multiple export nodes.</p>
PublisherType	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>Target of the export, as specified in the <code>target</code> parameter in the export node of the dataflow that created the record. The value must be <i>EinsteinDiscovery</i>.</p>
Status	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>Status of the export. The possible values are:</p> <ul style="list-style-type: none"> • New • InProgress • Completed • Canceled • Failed <p> Note: The content of the Metadata field can be downloaded when the status is Completed.</p>

Usage

This object is used with the DatasetExportPart object for exporting data from a dataset in CRM Analytics for use in Einstein Discovery. An export is initiated using the export node in an Analytics dataflow.

SEE ALSO:

[DatasetExportPart](#)

DatasetExportPart

Represents a dataset exported from CRM Analytics. When a dataset is exported, the data is converted into a .csv file and the schema is stored in a separate JSON file. These files are stored in two objects: DatasetExport and DatasetExportPart. DatasetExportPart contains parts of the .csv file.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
CompressedDataFileLength	Type int Properties Filter, Group, Sort Description This field is required when a record in an object contains a BLOB (binary large object) field. In the DataExportPart object, DataFile is the BLOB field.
DataFile	Type base64 Description Contains a part of the dataset data from the generated .csv file. Maximum size is 32 MB.
DataFileLength	Type int Properties Filter, Group, Sort Description This field is required when a record in an object contains a BLOB (binary large object) field. In the DataExportPart object, DataFile is the BLOB field.

Field	Details
DatasetExportId	Type reference Properties Filter, Group, Sort Description ID of the parent record that the part record is associated with.
Owner	Type string Properties Filter, Group, Sort Description User ID of the owner, as specified in the <code>userId</code> parameter in the export node of the dataflow that created the record. Only the specified owner can read the content of the record.
PartNumber	Type int Properties Filter, Group, Sort Description Used with the DatasetExportId to uniquely identify the data part. Parts are assembled sequentially based on their numbers.

Usage

This object is used with the DatasetExport object for exporting data from a dataset in CRM Analytics for use in Einstein Discovery. An export is initiated using the export node in an Analytics dataflow.

SEE ALSO:

[DatasetExport](#)

DataUseLegalBasis

Represents the legal basis for contacting a customer, such as billing or contract. This object is available in API version 45.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object is available if Data Protection and Privacy is enabled.

Fields

Field Name	Details
Description	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Description of the data use legal basis.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Specifies a name for the legal basis. For example, "billing" or "contract".</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p>

Field Name	Details
	Description The ID of the owner of the account associated with this customer. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
Source	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Indicates the source of the legal basis. For example, the URL of a contract.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[DataUseLegalBasisHistory](#)

History is available for tracked fields of the object.

[DataUseLegalBasisOwnerSharingRule](#)

Sharing rules are available for the object.

[DataUseLegalBasisShare](#)

Sharing is available for the object.

DataUsePurpose

Represents the reason for contacting a prospect or customer, such as for billing, marketing, or surveys. This object is available in API version 45.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object is available if Data Protection and Privacy is enabled.

Fields

Field Name	Details
CanDataSubjectOptOut	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Required. Indicates whether the customer can decline contact for the described purpose.</p>
Description	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Indicates the purpose for contacting a customer.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.</p>
LegalBasisId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Identifies the legal basis record associated with the data use purpose. This is a relationship field.</p>

Field Name	Details
	<p>Relationship Name LegalBasis</p> <p>Relationship Type Lookup</p> <p>Refers To DataUseLegalBasis</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. Identifies the reason for contacting a customer. For example, billing or marketing.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the owner of the account associated with this customer. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
PurposeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of an object containing data specific to the data use purpose. This is a polymorphic relationship field.</p> <p>Relationship Name Purpose</p> <p>Relationship Type Lookup</p>

Field Name	Details
	Refers To Asset, CareProgram, CareRegisteredDevice, or Product2

Associated Objects

This object has the following associated objects. Unless noted, they're available in the same API version as this object.

[DataUsePurposeHistory](#)

History is available for tracked fields of the object.

[DataUsePurposeOwnerSharingRule](#)

Sharing rules are available for the object.

[DataUsePurposeShare](#)

Sharing is available for the object.

DatedConversionRate

Represents the dated exchange rates used by an organization for which the multicurrency and the effective dated currency features are enabled.

Supported Calls

`delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`,

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
ConversionRate	Type double Properties Filter, Update Description Required. Conversion rate of this currency type against the corporate currency.
IsoCode	Type picklist Properties Filter, Restricted picklist

Field	Details
	Description Required. ISO code of the currency. Must be one of the valid alphabetic, three-letter currency ISO codes defined by the ISO 4217 standard, such as <code>USD</code> , <code>GBP</code> , or <code>JPY</code> . Must be unique within your organization. Label is Currency ISO Code .
NextStartDate	Type date Properties Filter, Nillable Description Read only. The date on which the next effective dated exchange rate will start. Effectively the day after the end date for this exchange rate.
StartDate	Type date Properties Filter Description The date on which the effective dated exchange rate starts.

Usage

This object is for multicurrency organizations with advanced currency management enabled. Use this object to define the exchange rates your organization uses for a date range. This object is not available in single-currency organizations, nor is it available if the organization does not have advanced currency management enabled.

DeclinedEventRelation

Represents event participants (invitees or attendees) with the status `Declined` for a given event. This object is available in API versions 29.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
EventId	Type reference

Field Name	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description Indicates the ID of the event. This is a relationship field.</p> <p>Relationship Name Event</p> <p>Relationship Type Lookup</p> <p>Refers To Event</p>
RelationId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Indicates the ID of the invitee. This is a polymorphic relationship field.</p> <p>Relationship Name Relation</p> <p>Relationship Type Lookup</p> <p>Refers To Calendar, Contact, Lead, User</p>
RespondedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Indicates the most recent date and time when the invitee declined an invitation to the event.</p>
Response	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Indicates the content of the response field. Label is <code>Comment</code>.</p>

Field Name	Details
Type	Type string Properties Filter, Group, Nillable, Sort Description Indicates whether the invitee is a user, lead or contact, or resource.

Usage

Query invitees who have declined an invitation to an event

```
SELECT eventId, type, response FROM DeclinedEventRelation WHERE eventId='00UTD000000ZH5LA'
```

SEE ALSO:

[AcceptedEventRelation](#)

[UndecidedEventRelation](#)

DelegatedAccount

Represents the external managed account. This object is available in API version 49.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

You must have a Partner or Customer Community Plus license. You can't edit the visibility of DelegatedAccount metadata on user profiles.

Fields

Field	Details
AccessBuyFor	Type boolean Properties Create, Filter, Update

Field	Details
	<p>Description</p> <p>The access that an admin authorizes for an external user to buy for other accounts. This field is available in API version 50.0 and later. A B2B Commerce license is required to use AccessBuyFor.</p>
AccessManageUsers	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Filter, Update</p> <p>Description</p> <p>The access that an admin authorizes for an external user to manage external users on other accounts. This includes managing permission sets, membership, passwords, and activation. This field is available in API version 50.0 and later. Delegated External User Administrator permission is required to use AccessManageUsers.</p>
LastReferencedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>
ManagedById	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Sort, Update</p> <p>Description</p> <p>The ID of the managing user.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>ManagedBy</p> <p>Relationship Type</p> <p>Lookup</p>

Field	Details
	Refers To User
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the external managed account.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the record owner. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User
ParentId	Type reference Properties Filter, Group, Nillable, Sort Description The ID of the managing users account. This field is available in API version 50.0 and later. This is a relationship field. Relationship Name Parent Relationship Type Lookup Refers To Account
TargetId	Type reference

Field	Details
	Properties Create, Filter, Group, Sort, Update
	Description The ID of the account being managed. This is a relationship field.
	Relationship Name Target
	Relationship Type Lookup
	Refers To Account

DeleteEvent

Represents a record that has been soft deleted. Search on this object was available in API version 48.0, then removed in API version 50.0.

DeleteEvent is a read-only object. You can't create, update, or delete it directly. To create a DeleteEvent record, soft delete a record of another type, like an Account. To remove a DeleteEvent record, use the [emptyRecycleBin\(\)](#) API or hard delete the corresponding Record.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Fields

Field	Details
DeletedById	Type reference
	Properties Filter, Group, Sort
	Description The ID of the user who deleted the record. This is a relationship field.
	Relationship Name DeletedBy
	Relationship Type Lookup
	Refers To User

Field	Details
DeletedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the record was deleted.</p>
Record	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the record that was deleted.</p>
RecordName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The name of the record that was deleted.</p>
SubjectName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The type of record that was deleted, for example, Account.</p>

DigitalSignature

Represents a signature captured on a service report in field service.

Supported Calls


`create()`, `delete()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`

Special Access Rules

Field Service must be enabled.

Fields

Field Name	Details
DigitalSignatureNumber	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description An auto-generated number identifying the signature.</p>
DocumentBody	<p>Type base64</p> <p>Properties Create</p> <p>Description The captured signature image.</p>
DocumentContentType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The data type of the captured signature. Possible values are:</p> <ul style="list-style-type: none">• audio/ogg• video/3gpp2• video/3gpp• image/avif• text/calendar• audio/x-caf• image/webp
DocumentLength	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The length of the captured signature.</p>
DocumentName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort</p>

Field Name	Details
	Description The name of the captured signature image.
ParentId	Type reference Properties Create, Filter, Group, Sort Description ID of the service appointment, work order, or work order line item that the service report is generated for. This is a polymorphic relationship field. Relationship Name Parent Relationship Type Lookup Refers To AuthorizationFormConsent, Order, ServiceAppointment, WorkOrder, WorkOrderLineItem
Place	Type string Properties Create, Filter, Group, Nillable, Sort Description The place where the report was signed.
SignatureType	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Sort Description The role of the person signing the service report. Your org comes with one signature type, <code>Default</code> . A service report template can only contain one signature per type. If you plan to collect multiple signatures on service reports, create additional values for the Signature Type field. Create at least one value for every role that might need to sign a service report. For example, <code>Technician</code> , <code>Customer</code> , <code>Supervisor</code> , or <code>Supplier</code> . If some service reports will be signed by multiple people in one role—for example, all technicians present at an appointment—create numbered types: <code>Technician 1</code> , <code>Technician 2</code> , and so forth.  Note: You can create up to 1,000 signature types. You can't delete signature types, but you can deactivate them so they can't be used in

Field Name	Details
	service report templates. When you deactivate a type, it still appears on service report templates that used it, but you can't use it on new service report templates.
SignedBy	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The name of the person signing.</p>
SignedDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort</p> <p>Description The date and time of the signing.</p>

Usage

Add signature blocks to service report templates to determine which signatures need to be gathered on reports that use the template. Service report templates can contain up to 20 signatures, and each signature must use a different Signature Type. For example, create a standard service report template that contains a customer signature and a technician signature.

To learn more about digital signatures, see [Guidelines for Using Signatures on Service Reports](#).

Associated Objects

This object has the following associated objects. Unless noted, they're available in the same API version as this object.

DigitalSignatureChangeEvent (Available in API version 57.0)

Change events are available for the object.

DigitalWallet

Represents a customer's digital wallet service. Salesforce Payments can use a digital wallet as a payment source when processing payments through a payment gateway. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access Salesforce Payments objects with the API, your org must have one or more of these licenses: Salesforce Payments, Salesforce Order Management, B2B Commerce, or D2C Commerce. Salesforce Payments objects are available only in Lightning Experience.

Fields

Field	Details
AccountId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The account of the customer owns the digital wallet. This field is a relationship field.</p> <p>Relationship Name Account</p> <p>Relationship Type Lookup</p> <p>Refers To Account</p>
AuditEmail	<p>Type email</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Email address of the digital wallet owner where audit information about payments gets sent. This field is available in API v49.0 and later. It doesn't appear in the UI by default for Salesforce orgs that upgraded from v48.0. Users must add it to the DigitalWallet page layout on their own.</p>
Comments	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Users can provide additional details about the digital wallet. Supports a maximum of 1000 characters.</p>
CompanyName	<p>Type string</p>

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description Company of the digital wallet owner.
Customer	Type string Properties Create, Filter, Group, Nillable, Sort Description Customer name of the digital wallet owner.
DigitalWalletNumber	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description System-generated reference number for the digital wallet.
Email	Type email Properties Create, Filter, Group, Nillable, Sort, Update Description Email of the digital wallet owner.
GatewayToken	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Unencrypted unique token ID generated by the payment gateway to represent the digital wallet during transactions. This field is available for backward compatibility. To secure the token, use the <code>GatewayTokenEncrypted</code> field. If you try to record a GatewayToken for a digital wallet that already has a GatewayToken or GatewayTokenEncrypted value, Salesforce throws an error.
GatewayTokenDetails	Type textarea Properties Create, Filter, Nillable, Sort, Update


Field	Details
	Description Unique ID generated by the payment gateway for the card for future transactions.
GatewayTokenEncrypted	Type encryptedstring Properties Create, Nillable, Update Description Encrypted unique token ID generated by the payment gateway to represent the digital wallet during transactions. Encrypted using Salesforce Classic Encryption for custom fields. Available in API v52.0 and later.
IpAddress	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The IP address of the digital wallet owner. This field is available in API v49.0 and later. It doesn't appear in the UI by default for Salesforce orgs that upgraded from v48.0. Users must add it to the DigitalWallet page layout on their own.
IsAutoPayEnabled	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Indicates whether the payment method can be used for recurring payments (True) or not (False). The default value is False. This field is available in API v55.0 and later. For orgs that upgraded from v54.0, you must add this field to the Digital Wallet page layout in the UI. It isn't automatically added.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, it's possible the user only referenced this record (LastReferencedDate) but not viewed it.</p>
MacAddress	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The MAC address of the digital wallet owner. This field is available in API v49.0 and later. It doesn't appear in the UI by default for Salesforce orgs that upgraded from v48.0. Users must add it to the DigitalWallet page layout on their own.</p>
NickName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description User-defined nickname for the digital wallet.</p>
PaymentGatewayId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description Gateway used with transactions for the digital wallet. This field is a relationship field.</p> <p>Relationship Name PaymentGateway</p> <p>Relationship Type Lookup</p> <p>Refers To PaymentGateway</p>
PaymentMethodAddress	<p>Type address</p> <p>Properties Filter, Nillable</p>

Field	Details
	<p>Description</p> <p>Full address associated with the digital wallet payment method. For more information about address fields, see Address Compound Fields</p>
PaymentMethodCity	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Part of the address for the payment method.</p>
PaymentMethodCountry	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Part of the address for the payment method.</p>
PaymentMethodDetails	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Optional information about the payment method type. This field is available in API version 57.0 and later.</p>
PaymentMethodGeocodeAccuracy	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Accuracy level of the geocode for the payment method address. An accuracy level contains information about the location of a latitude and longitude. For more information about geolocation fields, see Geolocation Compound Field.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Address • Block • City • County • ExtendedZip • NearAddress

Field	Details
	<ul style="list-style-type: none"> • Neighborhood • State • Street • Unknown • Zip
PaymentMethodLatitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Latitude of the payment method address. Used with the PaymentMethodLongitude to specify the precise geolocation of the address. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
PaymentMethodLongitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Latitude of the payment method address. Used with the PaymentMethodLatitude to specify the precise geolocation of the address. For details on geolocation compound fields, see Compound Field Considerations and Limitations.</p>
PaymentMethodPostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Part of the address for the payment method.</p>
PaymentMethodState	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Part of the address for the payment method.</p>
PaymentMethodStreet	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	Description Part of the address for the payment method.
PaymentMethodSubType	Type string Properties Create, Filter, Group, Nillable, Sort Description More information about the payment method. For example, if the PaymentMethodType is Visa, this field can be digital wallet. This field is available in API version 57.0 and later.
PaymentMethodType	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Payment method used for the transaction. Possible values include credit cards such as Visa and American Express, digital wallets like Apple Pay and PayPal, direct debits such as ACH, BECS, Bacs, and non-card payments methods such as EPS, SEPA, and iDEAL. This field is available in API version 57.0 and later.
Phone	Type phone Properties Create, Filter, Group, Nillable, Sort, Update Description Phone number of the digital wallet owner. This field is available in API v49.0 and later. It doesn't appear in the UI by default for Salesforce orgs that upgraded from v48.0. Users must add it to the DigitalWallet page layout on their own.
ProcessingMode	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort Description Defines whether the digital wallet is used for transactions made inside or outside the payment platform. Possible values are: <ul style="list-style-type: none"> • External—Transactions happened outside of the Salesforce payments platform. • Salesforce—Salesforce made and recorded an external call to the payment platform.

Field	Details
	<p>This field is available in API v49.0 and later. It doesn't appear in the UI by default for Salesforce orgs that upgraded from v48.0. Users must add it to the DigitalWallet page layout on their own.</p> <p> Important: <code>ProcessingMode</code> is required to create a DigitalWallet entity.</p>
SavedPaymentMethodId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the saved payment method record.</p> <p>Relationship Name SavedPaymentMethod</p> <p>Relationship Type Lookup</p> <p>Refers To SavedPaymentMethod</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Defines the state of the digital wallet as a payment source. Possible values are:</p> <ul style="list-style-type: none"> • Active—Customers can make payments with the digital wallet. • Canceled—The digital wallet can no longer be used for payments. This status can't be changed. • InActive—The digital wallet can't be used for payments until a user changes its status to Active.

DirectMessage

Represents a direct message conversation between multiple users in Chatter. This object is available in API version 38.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`, `update()`

Special Access Rules

You must have the Manage Chatter Messages and Direct Messages permission enabled to access the DirectMessage object.

Fields

Field	Details
Name	Type string Properties Filter, Group, idLookup, Sort, Update Description A default value that isn't visible to users.
Subject	Type string Properties Filter, Group, Nillable, Sort, Update Description Subject of the overall direct message conversation.

Usage

DirectMessage is an object used by Salesforce to control DirectMessage conversations. It represents a record of a direct message conversation, but doesn't include conversation data, such as posts or comments. It is most frequently used to moderate direct message data in order to meet data compliance regulations.

Division

A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.

Supported Calls

`create()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Divisions must be enabled for your organization to access this object. To discover whether divisions have been enabled for an organization, inspect the User or Group object for the `DefaultDivision` field—if it is present, then divisions have been enabled, and this field (the field is named `Division` in objects other than User and Group) will be available in all relevant objects.
- Customer Portal users can't access this object.

Fields


Field	Details
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Update</p> <p>Description Indicates whether the division is active (<code>true</code>) or not (<code>false</code>). Label is Active.</p>
IsGlobalDivision	<p>Type boolean</p> <p>Properties Defaulted on createFilter</p> <p>Description Indicates whether the division is your organization's global default division (<code>true</code>) or not (<code>false</code>). Label is Global Division.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Update</p> <p>Description A descriptive name for the division. Limit: 80 characters.</p>
SortOrder	<p>Type int</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The order in which this division name appears in the Division picklist field when creating or editing users in the Salesforce user interface.</p>

Usage

The values available for that field are the global division ID for the organization, created when divisions are first enabled, and any other division IDs that have been created. The division ID associated with a user is populated in the objects owned or created by the user.

You can use the division ID to make searches, reports, and list views run more quickly and return more relevant results if an organization has very large data sets. For more information, see the Salesforce online help, in the Fields description for the object.

You can use WITH in SOSL to pre-filter results based on division. This is faster than specifying the division in a WHERE clause.

 **Note:** The User object has a `Division` field that is unrelated to this object. The `Division` field is a standard text field similar to Company or Department that has no special properties. Do not confuse it with the `DefaultDivision` field, which does relate to this object.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

DivisionLocalization

When the Translation Workbench is enabled for your organization, the `DivisionLocalization` object provides the translation of the label for a division.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

- Your organization must be using Professional, Enterprise, Developer, Unlimited, or Performance Edition and be enabled for the Translation Workbench.
- To view this object, you must have the “View Setup and Configuration” permission.

Fields

Field	Details
Language	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Restricted picklist</p> <p>Description</p> <p>The language for this translated label.</p>
NamespacePrefix	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Nillable</p> <p>Description</p> <p>The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p>

Field	Details
	<p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.
<code>ParentId</code>	<p>Type reference</p> <p>Properties Create, Filter, Nillable</p> <p>Description The ID of the Division associated with the label that is being translated.</p>
<code>Value</code>	<p>Type string</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The actual translated label for the division. Label is Translation.</p>

Usage

Use this object to translate the labels of your divisions into the different languages supported by Salesforce.

Document

Represents a file that a user has uploaded. Unlike Attachment records, documents are not attached to a parent object.

Supported Calls


`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

You must have the "Edit" permission on documents and the appropriate access to the Folder that contains a document in order to create or update a document in that Folder.

Fields

Field	Details
AuthorId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the User who is responsible for the Document. This is a relationship field.</p> <p>Relationship Name Author</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
Body	<p>Type base64</p> <p>Properties Create, Nillable, Update</p> <p>Description Required. Encoded file data. If specified, then do not specify a URL.</p>
BodyLength	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description Size of the file (in bytes).</p>
ContentType	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Type of content. Label is Mime Type. Limit: 120 characters. If the Don't allow HTML uploads as attachments or document records security setting is enabled for your organization, you cannot upload files with the following file extensions: .htm, .html, .htt, .htx, .mhtm, .mhtml, .shtm, .shtml, .acgi, .svg.</p>

Field	Details
Description	<p>Type textarea</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Text description of the Document. Limit: 255 characters.</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Document Unique Name.</p> <p> Note: When creating large sets of data, always specify a unique <code>DeveloperName</code> for each record. If no <code>DeveloperName</code> is specified, performance may slow while Salesforce generates one for each record.</p>
FolderId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. ID of the Folder that contains the document. This is a relationship field.</p> <p>Relationship Name Folder</p> <p>Relationship Type Lookup</p> <p>Refers To Folder, User</p>
IsBodySearchable	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p>

Field	Details
	<p>Description</p> <p>Indicates whether the contents of the object can be searched using a SOSL <code>FIND</code> call. The <code>ALL FIELDS</code> search group includes the content as a searchable field.</p>
IsDeleted	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter</p> <p>Description</p> <p>Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
IsInternalUseOnly	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the object is only available for internal use (<code>true</code>) or not (<code>false</code>). Label is Internal Use Only.</p>
IsPublic	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the object is available for external use (<code>true</code>) or not (<code>false</code>). Label is Externally Available.</p>
Keywords	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Keywords. Limit: 255 characters.</p>
LastReferencedDate	<p>Type</p> <p>datetime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The timestamp for when the current user last viewed a record related to this record.</p>

Field	Details
LastViewedDate	<p>Type datetime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (<code>LastReferencedDate</code>) and not viewed.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. Name of the document. Label is Document Name.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Sort, Nillable</p> <p>Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p> <p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> • In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. • In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.
Type	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description File type of the Document. In general, the values match the file extension for the type of Document (such as pdf or jpg). Label is File Extension.</p>

Field	Details
Url	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Group, Sort, Update</p> <p>Description</p> <p>URL reference to the file (instead of storing it in the database). If specified, do not specify the <code>Body</code> or <code>BodyLength</code>.</p>

Usage

When creating or updating a document, you can specify a value in either the `Body` or `Url` fields, but not both.

Encoded Data

The API sends and receives the binary file data encoded as a base64 data type. Prior to creating a record, clients must encode the binary file data as base64. Upon receiving an API response, clients must decode the base64 data to binary (this conversion is usually handled for you by the SOAP client).

Maximum Document Size

You can only create or update documents to a maximum size of 5 MB.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

DocumentAttachmentMap

Maps the relationship between an `EmailTemplate` and its attachment, which is stored as a `Document`.

Supported Calls

`create()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
DocumentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the document that this object tracks.</p>
DocumentSequence	<p>Type int</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Represents the order that the attachments will be included in the email defined by the EmailTemplate specified by the DocumentId. Label is Attachment Sequence. The first attachment is given a value of 0, and each subsequent attachment is given a value incremented by 1.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the EmailTemplate parent. The attachment identified by DocumentId is attached to the EmailTemplate specified in this field.</p>

Usage

Use this object to map the relationship of an EmailTemplate to its attachments, and to specify the order of the attachments.

SEE ALSO:

[EmailTemplate](#)

DocumentRecipient

Connects a Service Report to a Digital Signature. This object is available in API version 55.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
DigitalSignatureId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Digital Signature to be used on the Service Report. This field is a relationship field.</p> <p>Relationship Name DigitalSignature</p> <p>Relationship Type Lookup</p> <p>Refers To DigitalSignature</p>
DigitalSignatureUrl	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Link to request signature from Experience Cloud site.</p>
DocumentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The document sent to the recipient. This field is a polymorphic relationship field.</p> <p>Relationship Name Document</p> <p>Relationship Type Lookup</p> <p>Refers To ServiceReport</p>

Field	Details
DocumentRecipient	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description Number automatically assigned to a new record.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the owner of this object. ID of the creator of this object. This field is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>
RecipientId	<p>Type reference</p>

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The recipient to sign the document. This field is a polymorphic relationship field.</p> <p>Relationship Name Recipient</p> <p>Relationship Type Lookup</p> <p>Refers To Contact, User</p>
SignatureIdentifier	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A unique identifier that associates <code>DocumentRecipient</code> with a signature Lightning web component (LWC) on the report page layout, telling you where on the report the signature goes.</p>
SignatureStatus	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The status of the signature. The default value is <code>Completed</code>. Possible values are:</p> <ul style="list-style-type: none"> Completed Skipped
SignatureStatusReason	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description An explanation for the signature status. For example, a reason why the signature was skipped.</p>
Status	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The status of the document recipient record.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Completed • Declined • Delivered • None • Sent <p>The default value is None.</p>
StatusReason	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Nillable, Update</p> <p>Description</p> <p>The final status reason.</p>

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[DocumentRecipientFeed](#) on page 39

Feed tracking is available for the object.

[DocumentRecipientOwnerSharingRule](#) on page 48

Sharing rules are available for the object.

[DocumentRecipientShare](#) on page 50

Sharing is available for the object.

DocumentTag

Associates a word or short phrase with a Document.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`

Fields

Field Name	Details
ItemId	Type reference Properties Create, Filter Description ID of the tagged item.
Name	Type string Properties Create, Filter Description Name of the tag. If this value does not already exist, a new TagDefinition is created and becomes the parent of this Tag object. Otherwise, a TagDefinition with the same name becomes the parent of this Tag object. Parent relationships are created automatically.
TagDefinitionId	Type reference Properties Filter Description ID of the parent TagDefinition object that owns the tag.
Type	Type picklist Properties Create, Filter, Restricted picklist Description Defines the visibility of a tag. Valid values: <ul style="list-style-type: none">• <code>Public</code>—The tag can be viewed and manipulated by all users in an organization.• <code>Personal</code>—The tag can be viewed or manipulated only by a user with a matching <code>OwnerId</code>.

Usage

DocumentTag stores the relationship between its parent TagDefinition and the Document being tagged. Tag objects act as metadata, allowing users to describe and organize their data.

When a tag is deleted, its parent TagDefinition will also be deleted if the name is not being used; otherwise, the parent remains. Deleting a TagDefinition sends it to the Recycle Bin, along with any associated tag entries.

Domain

Read-only object that represents a custom Web address assigned to a site in your organization. This object is available in API version 26.0 and later.

To access this object, Salesforce Sites, Digital Experiences, or Site.com must be enabled for your organization. `DomainSite` contains records for domains that serve your Experience Cloud sites only when enhanced domains are deployed. The system-managed site hostnames for those Experience Cloud sites end in `.my.site.com`. This object doesn't contain records for domains that serve Experience Cloud sites with hostnames that end in `.force.com`.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

- Customer Portal users can't access this object.
- To view this object, you must have the View Setup and Configuration permission.
- Site.com Publisher users have read-only API access to the Domain and [DomainSite](#) objects.

Fields

Field	Description
<code>CnameTarget</code>	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The canonical name (CNAME) of the external host or server. If you use a custom domain with a non-Salesforce provider, such as your own external server or CDN provider, to serve your domain, this field points to the CNAME of the external provider. This field is available in API version 43.0 and later.</p>
<code>Domain</code>	<p>Type string</p> <p>Properties Filter, idLookup, Sort</p> <p>Description The branded custom Web address within the global namespace identified by this domain's type. In the Domain Name System (DNS) global namespace, this field is the custom Web address that you registered with a third-party domain</p>

Field	Description
	name registrar. The custom Web address can be used to access the site of this domain.
DomainType	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The global namespace that this custom Web address belongs to. This value is set to DNS for custom Web addresses in the global DNS.</p> <p>DomainType can have the following value:</p> <ul style="list-style-type: none"> • DNS—Domain Name System (DNS)
HttpsOption	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Current HTTPS option. Values include:</p> <ul style="list-style-type: none"> • CdnPartner—Salesforce serves the custom domain, such as <code>https://www.example.com</code>, with the Salesforce Content Delivery Network (CDN) partner, Akamai. • Community—Used for Experience Cloud sites with hostnames that end in <code>*.force.com</code>. This option applies only to orgs without enhanced domains. • CommunityAlt—Used for Experience Cloud sites served by Salesforce with hostnames that end in <code>.my.site.com</code>. This option applies only to orgs with enhanced domains. • ExternalHttps—An external service or CDN serves the custom domain, such as <code>https://www.example.com</code>. • NoHttps—Salesforce serves the custom domain, such as <code>http://www.example.com</code>, via HTTP. Used to configure your custom domain before selecting a permanent HTTPS option. • OrgDomain—Used for the My Domain login URL for this org. • Sites—Used for Salesforce Sites served by Salesforce with hostnames that end in <code>.force.com</code>. This option applies only to orgs without enhanced domains. • SitesAlt—Used for Salesforce Sites served by Salesforce with hostnames that end in <code>.my.salesforce-sites.com</code>. This option applies only to orgs with enhanced domains.

Field	Description
	<ul style="list-style-type: none"> SitesRuntime—Salesforce serves the custom domain, such as <code>https://www.example.com</code>, using your HTTPS certificate on Salesforce servers. <p>This field is available in API version 47.0 and higher.</p>
OptionsHstsPreload	<p>Type boolean</p> <p>Properties Filter</p> <p>Description Indicates whether the <code>preload</code> directive is added to the HSTS header so that the domain is eligible for HSTS preloading registration (<code>true</code>) or not (<code>false</code>). This field is available in API version 52.0 and later.</p> <p>After this field is set to <code>true</code>, you must still register the domain at https://hstspreload.org so that HTTPS connections are always used.</p> <p>We only modify the HSTS headers of domains that are eligible for registration. Domain names can consist of a public suffix plus one additional label. For more information, see Add a Domain in Salesforce Help.</p>

Usage

Use this read-only object to query the domains that are associated with each site in your organization.

DomainSite

Read-only junction object that joins the Site and Domain objects. This object is available in API version 26.0 and later.

To access this object, Salesforce Sites, Digital Experiences, or Site.com must be enabled. `DomainSite` contains records for domains that serve your Experience Cloud sites only when enhanced domains are deployed. The system-managed site hostnames for those Experience Cloud sites end in `.my.site.com`. This object doesn't contain records for domains that serve Experience Cloud sites with hostnames that end in `.force.com`.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

- Customer Portal users can't access this object.
- To view this object, you must have the View Setup and Configuration permission.
- Site.com Publisher users have read-only API access to the [Domain](#) and `DomainSite` objects.

Fields

Field	Description
DomainId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the associated Domain. This is a relationship field.</p> <p>Relationship Name Domain</p> <p>Relationship Type Lookup</p> <p>Refers To Domain</p>
PathPrefix	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description Shows where a site's root exists on a domain. Can only be set for custom Web addresses. Always begins with a /. </p>
SiteId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the associated Site. This is a relationship field.</p> <p>Relationship Name Site</p> <p>Relationship Type Lookup</p> <p>Refers To Site</p>

Usage

Use this read-only object to query or retrieve information about your sites.

DsarPolicy

Represents a Data Subject Access Request (DSAR) policy created in the Privacy Center managed package. DSAR policies anonymize or transfer personal data from your org at your customer’s request. This object is available in API version 50.0 and later.


Supported Calls

describeSObjects(), query(), retrieve()

Special Access Rules

This object is for Privacy Center customers with the ReadAllData or PrivacyDataAccess permissions.

Fields

Field	Details
Description	<div>Type</div> <div>textarea</div> <div>Properties</div> <div>Filter, Group, Nillable, Sort</div> <div>Description</div> <div>Description of the policy. The description is limited to 255 characters.</div>
DeveloperName	<div>Type</div> <div>string</div> <div>Properties</div> <div>Filter, Group, Sort</div> <div>Description</div> <div>Developer name of the policy.</div> <div> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</div>
IsActive	<div>Type</div> <div>boolean</div> <div>Properties</div> <div>Defaulted on create, Filter, Group, Sort</div>

Field	Details
	<p>Description</p> <p>Indicates whether this policy can be used (<code>true</code>) or not (<code>false</code>) for data subject (customer) requests. The default value is <code>false</code>.</p>
Language	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The language of the MasterLabel.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • <code>da</code>—Danish • <code>de</code>—German • <code>en_US</code>—English • <code>es</code>—Spanish • <code>es_MX</code>—Spanish (Mexico) • <code>fi</code>—Finnish • <code>fr</code>—French • <code>it</code>—Italian • <code>ja</code>—Japanese • <code>ko</code>—Korean • <code>nl_NL</code>—Dutch • <code>no</code>—Norwegian • <code>pt_BR</code>—Portuguese (Brazil) • <code>ru</code>—Russian • <code>sv</code>—Swedish • <code>th</code>—Thai • <code>zh_CN</code>—Chinese (Simplified) • <code>zh_TW</code>—Chinese (Traditional)
MasterLabel	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>Label of the policy.</p>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as the object.

DsarPolicyLog

Sharing is available for the object.

DsarPolicyLog

Represents the history of Data Subject Access Request (DSAR) policy execution requests. This log records the status and results of executed DSAR policies for a customer. This object is available in API version 50.0 and later.

Supported Calls


`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

This object is for Privacy Center customers with the `ReadAllData` or `PrivacyDataAccess` permissions.

Fields

Field	Details
CompletionDateTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The date and time when the data subject access request was completed. Available in API version 51.0 and later.</p>
DataSubjectId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The 15–18 character ID of the data subject making the request. Available in API version 51.0 and later.</p>
DeletedDateTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The date and time when the file generated for the data subject's request is deleted. Available in API version 51.0 and later.</p>
DeveloperName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>Developer name of the policy.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
DownloadedDateTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The most recent date and time when the data subject downloaded the file generated at their request. Available in API version 51.0 and later.</p>
DsarError	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description</p> <p>Represents an error in generating the file for the data subject access request. Available in API version 51.0 and later.</p>
DsarPolicyId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The ID of the DSAR policy.</p>
FileURL	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The result of the DSAR policy execution. The URL links to a downloadable file that contains the customer data.</p>
Language	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The language of the MasterLabel.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
MasterLabel	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>Label of the policy.</p>
RequestDateTime	<p>Type</p> <p>dateTime</p>

Field	Details
	Properties Filter, Nillable, Sort
	Description The date and time when a data subject requested access to their data in the org. Available in API version 51.0 and later.
RequestStatus	Type picklist
	Properties Filter, Group, Nillable, Restricted picklist, Sort
	Description The status of the policy execution. Possible values are: <ul style="list-style-type: none"> • Complete • Deleted • Downloaded • Expired • Failed • In Progress
RequestUserId	Type reference
	Properties Filter, Group, Nillable, Sort
	Description The ID of the org employee or admin making the request on behalf of the data subject. Available in API version 51.0 and later.

Associated Objects

This object has the following associated objects. Unless noted, they're available in the same API version as the object.

DsarPolicy

Sharing is available for the object.

DuplicateJob

Represents an instance of a job that identifies duplicates among existing records in the system.

This object is available in API versions 42.0 and later.

A duplicate job is the parent of the DuplicateRecordSet instances that it generates. The duplicate record items in a set generated by a duplicate job are of one object type.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`

Special Access Rules

As of Summer '20 and later, only users with the View Setup and Configuration permission can access this object.

Fields

Field Name	Details
<code>DuplicateJobDefinitionId</code>	<p>Type reference</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description The ID of the corresponding duplicate job definition.</p>
<code>DuplicateJobStatus</code>	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description The current status of a duplicate job. Valid values are <code>Not Started</code>, <code>In Progress</code>, <code>Completed</code>, <code>Canceled</code>, <code>Failed</code>, <code>Results Deleted</code>.</p>
<code>EndTime</code>	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when a duplicate job was completed.</p>
<code>LastReferencedDate</code>	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date when a duplicate job was last referenced.</p>
<code>LastViewedDate</code>	<p>Type dateTime</p>

Field Name	Details
	Properties Filter, Nillable, Sort Description The date when a duplicate job was last viewed.
Name	Type string Properties Filter, Group, idLookup, Sort, Update Description The name of a duplicate job.
NumDuplicateRecordItems	Type int Properties Filter, Group, Sort Description The total number of duplicate records identified as a result of invoking a duplicate job.
NumDuplicateRecordSets	Type int Properties Filter, Group, Sort Description The number of duplicate record sets identified as a result of invoking a duplicate job.
NumRecordsScanned	Type int Properties Filter, Group, Sort Description The number of records scanned as a result of invoking a duplicate job.
ResultListViewId	Type reference Properties Filter, Group, Nillable, Sort, Update Description List view metadata for displaying the duplicate record sets identified as result of invoking a duplicate job.

Field Name	Details
StartDateTime	Type dateTime Properties Filter, Sort Description The date and time when a duplicate job was invoked.

DuplicateJobDefinition

Setup object defining a job that identifies duplicate record items globally.

This object is available in API versions 42.0 and later.


Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

As of Summer '20 and later, only users with the View Setup and Configuration permission can access this object.

Fields

Field Name	Details
DeveloperName	Type string Properties Filter, Group, Sort Description The name of the user who created a duplicate job.  Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.
Language	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The language in the user's personal settings.

Field Name	Details
MasterLabel	Type string Properties Filter, Group, Sort Description The label of the duplicate job.
SubjectSubtype	Type picklist Properties Defaulted on create, Filter, Group, Restricted picklist, Sort Description The object subtype. Valid values are <code>Person</code> <code>Account</code> or <code>None</code> .
SubjectType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description The object type: account, contact, or lead.

DuplicateJobMatchingRule

Represents a MatchingRule to be used with a DuplicateJob sharing the corresponding DuplicateJobMatchingRuleDefinition. This object is available in API versions 42.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

As of Summer '20 and later, only users with the View Setup and Configuration permission can access this object.

Fields

Field Name	Details
DuplicateJobId	Type reference

Field Name	Details
	Properties Filter, Group, Sort Description The ID of the corresponding DuplicateJob.
DuplicateJobMatchRuleDefId	Type reference Properties Filter, Group, Sort Description The ID of the matching rule defined for the corresponding DuplicateJobMatchingRuleDefinition.
MatchingRuleBooleanFilter	Type textarea Properties Filter, Sort Description Boolean logic of the MatchingRule for this DuplicateJobMatchingRule.
MatchingRuleDescription	Type textarea Properties Filter, Group, Nillable, Sort Description Description of the matching rule for this DuplicateJobMatchingRule.
MatchingRuleName	Type string Properties Filter, Group, Sort Description The name of the matching rule defined for this particular DuplicateJob invocation.

DuplicateJobMatchingRuleDefinition

Setup object specifying a MatchingRule to use with DuplicateJob instances that share a DuplicateJobDefinition.



Important: Where possible, we changed noninclusive terms to align with our company value of Equality. We maintained certain terms to avoid any effect on customer implementations.

This object is available in API versions 42.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `search()`

Special Access Rules

As of Summer '20 and later, only users with the View Setup and Configuration permission can access this object.

Fields

Field Name	Details
<code>DuplicateJobDefinitionId</code>	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of DuplicateJobDefinition (master) for this DuplicateJobMatchingRuleDefinition (detail).</p>
<code>MatchingRuleId</code>	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the MatchingRule to be used with this DuplicateJobMatchingRuleDefinition.</p>

DuplicateRecordItem

Represents an individual record that's part of a duplicate record set. Use this object to create custom report types.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access this object, enable Duplicate Management. A Salesforce admin can grant access to any user with a Sales Cloud or CRM user license.

Fields

Field Name	Details
DuplicateRecordSetId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The duplicate record set that the duplicate record item is assigned to. This is a relationship field.</p> <p>Relationship Name DuplicateRecordSet</p> <p>Relationship Type Lookup</p> <p>Refers To DuplicateRecordSet</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The autogenerated name that's given to the Duplicate Record Item. Label is Duplicate Record Item Name.</p>
RecordId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The name of the record as it appears on the record's detail page. This is a polymorphic relationship field.</p> <p>Relationship Name Record</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Contact, Individual, Lead</p>

DuplicateRecordSet

Represents a group of records that have been identified as duplicates. Each duplicate record set contains one or more duplicate record items. Use this object to create custom report types and view the results of duplicate jobs.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access this object, activate duplicate rules. A Salesforce admin must give users read and write access.

Fields

Field Name	Details
<code>DuplicateRuleId</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The duplicate rule used to identify this list of duplicate records.</p> <p>Label Duplicate Rule ID This is a relationship field.</p> <p>Relationship Name DuplicateRule</p> <p>Relationship Type Lookup</p> <p>Refers To DuplicateRule</p>
<code>LastReferencedDate</code>	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>

Field Name	Details
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>
Name	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The autogenerated name that's given to the duplicate record set. Label is <code>Duplicate Record Set Name</code>.</p>
RecordCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of record items in the set.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The <code>ParentId</code> represents the parent of a duplicate rule or duplicate job. A <code>ParentId</code> is polymorphic. The label is Parent. This field is available in API versions 42.0 and later.</p>

DuplicateRule

Represents a duplicate rule for detecting duplicate records.


Supported Calls

`describeSObjects()`, `describeLayout()`, `query()`, `retrieve()`, `search()`

Special Access Rules

As of Summer '20 and later, only users with the View Setup and Configuration permission can access this object.

Fields

Field Name	Details
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The developer name for the duplicate rule.</p> <p> Note: Only users with View DeveloperName OR View Setup and Configuration permission can view, group, sort, and filter this field.</p>
IsActive	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether a duplicate rule is active (<code>true</code>) or not (<code>false</code>). This field is read only.</p>
Language	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The language for the duplicate rule.</p>
MasterLabel	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The label for the duplicate rule.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	<p>Description</p> <p>The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p> <p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix.
<code>sObjectType</code>	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>The type of object the duplicate rule is defined for. For example, account, contact, or lead.</p>

Usage

You can use the API to view a duplicate rule's details. To create, edit, or delete duplicate rules, use the UI.

Use `DuplicateRule` to get the `sObject` type.

`DuplicateRule` is unavailable in some orgs.

ElectronicMediaGroup

Represents the type of media that you can associate with a product or category. This object is available in API version 49.0 and later.

Supported Calls

`describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

You must have the B2B Commerce license and a CMS workspace to access a web store.

Fields

Field	Details
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description The default value is USD.</p>
Description	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Description of the store.</p>
DeveloperName	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>

Field	Details
Name	Type string Properties Filter, Group, idLookup, Sort Description Name of the media group.
OwnerId	Type reference Properties Filter, Group, Sort Description The ID of the owner of the ElectronicMediaGroup object. For external routing, allows the object to be used in the Streaming API to listen to events whenever a ElectronicMediaGroup record is created, modified, or deleted.
UsageType	Type picklist Properties Filter, Group, Restricted picklist, Sort Description Possible values are: <ul style="list-style-type: none"> Attachment Banner Listing Standard Tile

ElectronicMediaUse

Represents the usage of media. This object is available in API version 49.0 and later.

Supported Calls

`describeSObjects()`, `query()`, `retrieve()`

Special Access Rules

You must have the B2B Commerce license and a CMS workspace to access a web store.

Fields

Field	Details
CurrencyIsoCode	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description The default value is <code>USD</code>. Possible values are:</p> <ul style="list-style-type: none"> • <code>USD</code>—U.S. Dollar
ElectronicMediaGroupId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the electronic media group.</p>
ElectronicMediaId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The ID of the electronic media.</p>
ImplementorType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The type of implementor. Available implementors of <code>ElectronicMediaUse</code> include:</p> <ul style="list-style-type: none"> • <code>ProductMedia</code> • <code>ProductCategoryMedia</code>
SortOrder	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The order that electronic media is displayed in.</p>

EmailContent

Represents a marketing email asset for use with Account Engagement. This object is available in API version 50.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

EmailContent is only available for orgs that use Account Engagement. The Manage Email Content user permission is required. Users also need the CRM User, Sales, or Service User permission set. EmailContent isn't available for custom portal or guest users.

Fields

Field	Details
ClickThroughRate	Type percent Properties Filter, Nillable, Sort Description The percentage of visitors who click links contained in emails delivered (sent minus bounces) to them. Multiple clicks for a same link are counted.
ClickToOpenRatio	Type percent Properties Filter, Nillable, Sort Description The number of unique clicks divided by unique HTML opens.
DeliveryRate	Type percent Properties Filter, Nillable, Sort Description The percentage of the emails that were delivered compared to the number that bounced (soft and hard). Note: this data includes emails that were delivered to the recipient's spam folder.
Description	Type textarea

Field	Details
	Properties Create, Nillable, Update Description Description of the email content, for example, Promotion Mass Mailing.
HtmlBody	Type textarea Properties Nillable Description The body of the email in HTML format. The field is read-only.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp that indicates when the current user last viewed the record.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, the record could have been referenced (LastReferencedDate) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Name of the email asset.
OpenRate	Type percent Properties Filter, Nillable, Sort Description The percentage of unique HTML opens compared to the total number of emails delivered (sent minus bounces).

Field	Details
OptOutRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of users that have opted out compared to the total number of emails sent.</p>
SpamComplaintRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of spam complaints compared to the total number emails sent.</p>
Subject	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description Content of the subject line.</p>
TemplateId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The Email Template field is mostly read-only. You can populate the Email Template field only during record create to prevent overwriting data on the email content record.</p>
TextBody	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The body of the email in plain text format. The character limit is 384,000.</p>
TotalDelivered	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The total number of emails minus hard and soft bounces. Note: this data includes emails that were delivered to the recipient's spam folder.</p>
TotalHardBounced	<p>Type</p> <p>int</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The total number of emails that permanently returned to the sender because the address is invalid. A hard bounce can occur because the domain name doesn't exist or because the recipient is unknown.</p>
TotalOpens	<p>Type</p> <p>int</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The total number of times a prospect's email client loaded the images in the HTML version of the email. We also record an open if the prospect clicks a link within the HTML or text email without downloading images. A click indicates that they viewed the message. Some email clients (Outlook, Apple Mail, Thunderbird) do not display images by default. Account Engagement counts an open each time the images load.</p>
TotalSent	<p>Type</p> <p>int</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Read-only field. The total number of list emails sent, including bounced, opted-out, and invalid To: addresses.</p>
TotalSoftBounced	<p>Type</p> <p>int</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Read-only field. The total number of times a recipient's mail server acknowledged the email, but returned it to the sender. Sometimes it is because the recipient's mailbox is full or the mail server is temporarily unavailable. After 5 soft bounces, Account Engagement opts the prospect out of emails.</p>

Field	Details
TotalSpamComplaints	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only field. The total number of prospects that reported the email as spam.</p>
TotalTrackedLinkClicks	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only field. The number of times prospects clicked a link in the email.</p>
UniqueClickThroughRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read-only field. The percentage of visitors who clicked a link contained in an email</p>
UniqueOpens	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only field. The number of prospects who loaded the images in the HTML version of the email. The Unique Opens category counts each recipient only one time, even if the prospect loaded images more than once.</p>
UniqueOptOuts	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only field. The total number of prospects that have clicked the link to unsubscribe or opted out of all emails in the Email Preference Center. They are removed from future email sends.</p>
UniqueTrackedLinkClicks	<p>Type int</p>

Field	Details
	Properties Defaulted on create, Filter, Group, Nillable, Sort
	Description Read-only field. The number of times a prospect clicked a link in the email. This metric doesn't include multiple clicks of the same link.

EmailDomainFilter

Represents a filter that determines whether an email relay is restricted to a specific list of domains. This object is available in API version 43.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

You must have the "Email Administration," "Customize Application," and "View Setup" user permissions to use this object.

You must create an email relay in Setup or through the [EmailRelay](#) object before you can use the `EmailDomainFilter` object.

Fields

Field Name	Details
EmailRelayId	Type reference
	Properties Create, Filter, Group, Sort, Update
	Description The ID of the EmailRelay record. This is a relationship field.
	Relationship Name EmailRelay
	Relationship Type Lookup
	Refers To EmailRelay
FromDomain	Type textarea

Field Name	Details
	<p>Properties</p> <p>Create, Nillable, Update</p> <p>Description</p> <p>Restricts the email relay to send emails based on the sender domains (<code>FromDomain</code>) listed in this field. This field is optional, accepts a list of comma-separated values, and supports the wildcard character.</p>
IsActive	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the email domain filter is active (<code>true</code>) or not (<code>false</code>). Use this field to enable or disable the email domain filter.</p>
PriorityNumber	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Filter, Group, idLookup, Nillable, Sort, Update</p> <p>Description</p> <p>Indicates the order in which the email domain filter is processed. Filters are evaluated in ascending order. The priority number must be unique. If this field is left blank, it is assigned the next available number and is processed last. Processing stops after the first matching filter is applied.</p>
ToDomain	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Nillable, Update</p> <p>Description</p> <p>Restricts the email relay to send emails based on the recipient domains (<code>ToDomain</code>) listed in this field. This field is optional, accepts a list of comma-separated values, and supports the wildcard character.</p>

Usage



Tip: If you also plan to activate Bounce Management and Email Compliance Management, confirm with your email admin that your company allows relaying email sent from Salesforce. For more information on bounce management, see [Configure Deliverability Settings for Emails Sent from Salesforce](#).

EmailDomainKey

Represents a domain key for an organization's domain, used to authenticate outbound email that Salesforce sends on the organization's behalf. This object is available in API version 28.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only authenticated internal and external users can access this object.

We've upgraded and replaced the original DKIM (DomainKeys Identified Mail) key feature, so that you can create a DKIM key with increased email security. For more information, see [Setting Up More Secure DKIM Keys](#).

Fields

Field Name	Details
AlternatePublicKey	<p>Type textarea</p> <p>Properties Nillable</p> <p>Description Read-only. Alternate public keys are used by Salesforce to auto-rotate domain keys. This field is available in API version 44.0 and later after activating the Critical Update.</p>
AlternateSelector	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The text used to distinguish the DKIM key from any other DKIM keys your organization uses for the specified domain. This field is available in API version 44.0 and later after activating the Critical Update.</p>
AlternateTxtRecordName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	<p>Description</p> <p>The alternate TXT record name is used to create the CNAME record. Refer to the Usage section for more information. This field is available in API version 44.0 and later after activating the Critical Update.</p>
Domain	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Sort, Update</p> <p>Description</p> <p>The organization's domain name that the DKIM key is generated for.</p>
DomainMatch	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description</p> <p>The specificity of match required on the sending domain name before signing with this DKIM key. Valid values are:</p> <ul style="list-style-type: none"> • <code>DomainOnly</code>—Sign if sending domain matches at the domain level only (example.com but not mail.example.com) • <code>SubdomainsOnly</code>—Sign if sending domain matches at the subdomain level only (mail.example.com but not example.com) • <code>DomainAndSubdomains</code>—Sign if sending domain matches at the domain and subdomain levels (example.com and mail.example.com)
IsActive	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether this DKIM key is active (<code>true</code>) or not (<code>false</code>).</p>
KeySize	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Indicates the RSA key size, in bits. The possible values are:</p> <ul style="list-style-type: none"> • 1024

Field Name	Details
	<ul style="list-style-type: none">2048 <p>This field is available in API version 45.0 and later.</p>
PrivateKey	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Nillable, Update</p> <p>Description</p> <p>Once you activate the Critical Update, this field is no longer visible.</p> <p>The private portion of the DKIM key pair used to encrypt mail headers from your domain. Salesforce generates an encrypted <code>PrivateKey</code> if you don't specify a value when creating the DKIM key. If you do specify a value, it must be an existing valid <code>PrivateKey</code> from another EmailDomainKey object.</p> <p>This field doesn't contain the actual private key, but a value that represents the key in our system. Therefore:</p> <ul style="list-style-type: none">The actual private key can't be leaked.You can't use the value to do your own email signing.
PublicKey	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create, Nillable, Update</p> <p>Description</p> <p>Part of the domain key pair that mail recipients retrieve to decrypt the DKIM header and verify your domain. Add the <code>PublicKey</code> value to your domain's DNS records before you start signing with this domain key.</p>
Selector	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Text used to distinguish the DKIM key from any other DKIM keys your organization uses for the specified domain.</p>
TxtRecordName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p>

Field Name	Details
	<p>Description</p> <p>Read-only. The TXT record name is used to create the CNAME record. Refer to the Usage section for more information. This field is available in API version 44.0 and later after activating the Critical Update.</p>
TxtRecordsPublishState	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description</p> <p>The possible values are:</p> <ul style="list-style-type: none"> Published Publishing in progress Publishing failed <p>This field is available in API version 44.0 and later after activating the Critical Update.</p>

Usage

Create DKIM Keys with Increased Security

1. If your Salesforce org was created before Winter '19, enable the Critical Update. From Setup, enter *Critical Updates* in the Quick Find box, and then select **Critical Updates**. For Enable Redesigned DomainKeys Identified Mail (DKIM) Key Feature with Increased Email Security, click **Activate**.
2. Insert `Domain`, `DomainMatch`, `Selector`, and `AlternateSelector`. Salesforce publishes your TXT record to DNS.
3. Retrieve the `TxtRecordName` and `AlternateTxtRecordName` and use them to create and publish the CNAME and Alternate CNAME record to your domain's DNS.
 - a. Create CNAME record using: `<selector>._domainkey.<domain> IN CNAME txtRecordName.`
 - b. Create Alternate CNAME record using: `<alternateSelector>._domainkey.<domain> IN CNAME alternateTxtRecordName.`
4. Set the `IsActive` field to true.

Create DKIM Keys (pre-Winter '19 Version)



Note: The critical update activates for everyone on October 15, 2019. After that date, this approach to creating DKIM keys will no longer be available.

When you create a DKIM key, Salesforce generates a public and private key pair. Publish the public key in the DNS.

For each domain key you create, we recommend this sequence:

1. Insert the `Domain`, `DomainMatch`, and `Selector`.
2. Update your domain's DNS records.
 - a. Locate the DNS record at `selector._domainkey.domain`. For example, `mail._domainkey.mail.example.com`.

When you use the API to insert EmailMessage records in bulk, the same access rules apply: access is based on cases in `ParentId` fields or by tasks in `ActivityId` fields. When inserting a single record, set the `CreatedById` field to the user performing the operation or leave it blank.

Fields

Field	Details
<code>ActivityId</code>	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the activity that is associated with the email. Usually represents an open task that is created for the case owner when a new unread email message is received. <code>ActivityId</code> can only be specified for emails on cases. It's auto-created for other entities.</p>
<code>AttachmentId</code>	<p>Type string</p> <p>Description A comma-separated list of email attachments. This is used by the Send Email quick action when you use Salesforce Classic email templates. Maximum length is 32,768 characters.</p>
<code>BccAddress</code>	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description A string array of email addresses for recipients who were sent a visually impaired carbon copy of the email message. Include only email addresses that aren't associated with Contact, Lead, or User records in Salesforce. If the recipient is a contact, lead, or user, add their ID to the <code>BccIds</code> field instead of adding their email address to the <code>BccAddress</code> field. When adding their ID, the email message is automatically associated with the contact, lead, or user. For an Experience Cloud site user who isn't the sender of the email, this field returns null. You can't send emails unless there's at least one recipient.</p>
<code>BccIds</code>	<p>Type JunctionIdList</p> <p>Properties Create, Update</p>

Field	Details
	<p>Description</p> <p>A string array of IDs for contacts, leads, and users who were sent a visually impaired carbon copy of the email message. Each ID is linked to an <code>EmailMessageRelation</code> record, which represents the relationship between an email message and a Contact, Lead, or User record. For an Experience Cloud site user who isn't the sender of the email, this list is empty.</p> <p>Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
CcAddress	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>A string array of email addresses for recipients who were sent a carbon copy of the email message. Include only email addresses that aren't associated with Contact, Lead, or User records in Salesforce. If the recipient is a contact, lead, or user, add their ID to the <code>CcIds</code> field instead of adding their email address to the <code>CcAddress</code> field. Then the email message is automatically associated with the contact, lead, or user.</p> <p>You can't send emails unless there's at least one recipient.</p>
CcIds	<p>Type</p> <p>JunctionIdList</p> <p>Properties</p> <p>Create, Update</p> <p>Description</p> <p>A string array of IDs for contacts, leads, and users who were sent a carbon copy of the email message. Each ID is linked to an <code>EmailMessageRelation</code> record, which represents the relationship between an email message and a Contact, Lead, or User record.</p> <p>Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
ClientThreadIdentifier	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>A value used by third-party email clients to identify which thread an email belongs to. See Email-to-Case Threading for more information.</p> <p>Available in API versions 56.0 and later.</p>

Field	Details
ContentDocumentIds	<p>Type JunctionIdList</p> <p>Properties Create, Update</p> <p>Description A string array of IDs for content documents such as files and attachments that are associated with an email. Each ID is linked to a <code>ContentDocumentLink</code> record, which represents the relationship between an email message and a content document record.</p> <p>Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
Division	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.</p>
EmailRoutingAddressId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Stores the ID of the email routing address used to create the email. This value is set when the email is processed by Email-to-Case service. When this field is set, <code>EmailMessage.Incoming</code> cannot be <code>false</code>.</p> <p>Relationship Name EmailRoutingAddress</p> <p>Relationship Type Lookup</p> <p>Refers To EmailRoutingAddress</p>
EmailTemplateId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p>

Field	Details
	<p>Description</p> <p>The email template, if any, that was chosen for the email. This field is populated in Lightning Experience only.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>EmailTemplate</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>EmailTemplate</p>
FirstOpenedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The date the email was first opened.</p> <p>To see this field, enable email tracking in your org.</p>
FromAddress	<p>Type</p> <p>email</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The address that originated the email. When using this field, specify an email address that exists in EmailMessageRelation, with a <code>RelationshipType</code> of <code>FromAddress</code>.</p>
FromId	<p>Type</p> <p>reference</p> <p>Description</p> <p>The contact, lead, or user who sent the email. Maximum length is 18 characters.</p>
FromName	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The sender's name. When using this field, specify an email address that exists in EmailMessageRelation, with a <code>RelationshipType</code> of <code>FromAddress</code>.</p>

Field	Details
HasAttachment	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the email was sent with an attachment (<code>true</code>) or not (<code>false</code>).</p>
Headers	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The Internet message headers of the incoming email. Used for debugging and tracing purposes. Doesn't apply to outgoing emails.</p>
HtmlBody	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The body of the email in HTML format. You can't send emails unless at least one of these fields has content.</p> <ul style="list-style-type: none">• Subject field• HTML Body or Text Body field <p>As the sender, you can provide the content, or it can be automatically inserted using predefined values. An email template can also include the content for these fields.</p>
Incoming	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the email was received (<code>true</code>) or sent (<code>false</code>).</p>
IsBounced	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the email bounced.</p>

Field	Details
	<p>This field is set to <code>True</code> for bounced emails in orgs using Lightning Threading. It's not set to <code>True</code> for orgs using Ref ID threading.</p> <p>To see this field, enable bounce management in your org.</p>
<code>IsClientManaged</code>	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description If <code>EmailMessage</code> is created with <code>IsClientManaged</code> set to <code>true</code>, users can modify <code>EmailMessage.ContentDocumentIds</code> to link file attachments even when the <code>Status</code> of the <code>EmailMessage</code> isn't set to <code>Draft</code>. When this field is set to <code>true</code> and Enhanced Email is enabled, a Task record is created for the <code>EmailMessage</code> regardless of Email-to-Case settings.</p>
<code>IsDeleted</code>	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
<code>IsExternallyVisible</code>	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If the Experience Cloud site case feed is enabled, <code>IsExternallyVisible</code> controls the external visibility of emails in sites. When <code>IsExternallyVisible</code> is set to <code>true</code>—its default value—external users see the email message in the case feed.</p> <ul style="list-style-type: none"> • Emails remain visible in the Emails related list whether or not this field is set to <code>true</code>. If needed, you can remove this related list from your case page layout for external community users. • Only emails with a value in the <code>ParentId</code> field can be made externally visible in sites. • This field can't be updated if the email's <code>Status</code> is set to <code>Draft</code>.
<code>IsOpened</code>	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p>

Field	Details
	<p>Description</p> <p>Indicates whether the email has been opened.</p> <p>To see this field, enable email tracking in your org.</p>
IsPrivateDraft	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort</p> <p>Description</p> <p>If <code>IsPrivateDraft</code> is set to <code>true</code>, then only the <code>CreatedById</code> user can view, update, and send this email draft. If <code>IsPrivateDraft</code> is set to <code>false</code>, then any user with permissions to work on the case can see these drafts. After the email is sent, then this field is updated to be <code>false</code>. Public drafts are loaded and visible in Salesforce Classic while Private Drafts are only used in Lightning Experience.</p>
IsTracked	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the email is being tracked.</p> <p>To see this field, enable email tracking in your org.</p>
LastOpenedDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The date the email was last opened.</p> <p>To see this field, enable email tracking in your org.</p>
MessageDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The date the email was created.</p> <p>For inbound emails, Email-to-Case sets this field using the Date header. The Date header is set by the email client and is subject to the sender's time preferences.</p>

Field	Details
MessageIdentifier	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Nillable, Sort, Update</p> <p>Description The ID of the email message.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description A name for the email message that's derived from the first 255 characters of the Subject field. If the Subject field is empty, a localized string of [No Subject] is used. This field is read-only and can't be created or updated. Available in API versions 56.0 and later.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the case that's associated with the email. This is a relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Case</p>
RelatedToId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The RelatedToId represents nonhuman objects such as accounts, opportunities, campaigns, cases, or custom objects. RelatedTolds are polymorphic. Polymorphic means a RelatedTold is equivalent to the ID of a related object. You must have access to at least one entity listed under Refers To to access RelatedTold. You can update RelatedToId when IsClientManaged is set to true.</p>

Field	Details
	<p>This is a polymorphic relationship field.</p> <p>Relationship Name RelatedTo</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Accreditation, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CommSubscriptionConsent, ContactEncounter, ContactEncounterParticipant, ContactRequest, Contract, CoverageBenefit, CoverageBenefitItem, CreditMemo, DelegatedAccount, DocumentChecklistItem, EnrollmentEligibilityCriteria, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork, HealthcarePractitionerFacility, HealthcareProvider, HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, IdentityDocument, Image, IndividualApplication, Invoice, ListEmail, Location, MemberPlan, Opportunity, Order, OtherComponentTask, PartyConsent, PersonLifeEvent, PlanBenefit, PlanBenefitItem, ProcessException, Product2, ProductItem, ProductRequest, ProductRequestLineItem, ProductTransfer, PurchaserPlan, ReceivedDocument, ResourceAbsence, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, Shift, Shipment, ShipmentItem, Solution, Visit, VisitedParty, VolunteerProject, WorkOrder, WorkOrderLineItem</p>
ReplyToEmailMessageId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the inbound or outbound email message the current email message is a reply to. It's not possible to reply to a message whose <code>Status</code> is <code>Draft</code>. This is a relationship field. This is only set for Case related Email replies at setup.</p>

Field	Details
	<p>Relationship Name ReplyToEmailMessage</p> <p>Relationship Type Lookup</p> <p>Refers To EmailMessage</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description The status of the email.</p> <p>The <code>Status</code> field is mostly read-only. You can change the status only from <i>New</i> to <i>Read</i>.</p> <p>Possible values are:</p> <ul style="list-style-type: none">• 0 (New)• 1 (Read)• 2 (Replied)• 3 (Sent)• 4 (Forwarded)• 5 (Draft) <p>For emails not sent as part of a case, only the status 3 (Sent) is valid.</p>
Subject	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The subject line of the email.</p> <p>You can't send emails unless at least one of these fields has content.</p> <ul style="list-style-type: none">• Subject field• HTML Body or Text Body field <p>As the sender, you can provide the content, or it can be automatically inserted using predefined values. An email template can also include the content for these fields.</p>
TextBody	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p>

Field	Details
	<p>Description</p> <p>The body of the email, in plain text format. If <code>TextBody</code> isn't set, then it's extracted from <code>HtmlBody</code>.</p> <p>You can't send emails unless at least one of these fields has content.</p> <ul style="list-style-type: none"> • Subject field • HTML Body or Text Body field <p>As the sender, you can provide the content, or it can be automatically inserted using predefined values. An email template can also include the content for these fields</p>
<code>ThreadIdIdentifier</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, idLookup, Nillable, Sort, Update</p> <p>Description</p> <p>The ID of the email thread the email message belongs to.</p>
<code>ToAddress</code>	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>A string array of email addresses for recipients who were sent the email message. Include only email addresses that aren't associated with Contact, Lead, or User records in Salesforce. If the recipient is a contact, lead, or user, add their ID to the <code>ToIds</code> field instead of adding their email address to the <code>ToAddress</code> field. Then the email message is automatically associated with the contact, lead, or user.</p> <p>You can't send emails unless there's at least one recipient.</p>
<code>ToIds</code>	<p>Type</p> <p>JunctionIdList</p> <p>Properties</p> <p>Create, Update</p> <p>Description</p> <p>A string array of IDs for contacts, leads, and users who were sent a carbon copy of the email message. Each ID is linked to an <code>EmailMessageRelation</code> record, which represents the relationship between an email message and a Contact, Lead, or User record.</p> <p>Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
<code>ValidatedFromAddress</code>	<p>Type</p> <p>picklist</p>

Field	Details
	<p>Properties</p> <p>Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>A picklist value with either the sender's address, validated org-wide email addresses that originated the email, or Email-to-Case Routing Address.</p> <p>ValidatedFromAddress isn't suitable for use in Group By or Sort By statements. Use FromAddress instead.</p>

Usage

If your org uses Email-to-Case, a case is created when an email is sent to one of your company's addresses. The email, which is related to the case by the ParentID field, is stored as an EmailMessage record. When users view the email, they see the EmailMessage record.

If your org uses Enhanced Email, each email is stored as an EmailMessage record and a Task record. When users view an email, they see the EmailMessage record.

Sample Code—Apex

This sample logs email activity in Salesforce.

```
// if EnhancedEmail Perm is not enabled, continue logging the email as a task

// if EnhancedEmail Perm is enabled, create an EmailMessage object
EmailMessage emailMessage = new EmailMessage();
emailMessage.status = '3'; // email was sent
emailMessage.relatedToId = '006B0000003wezGIAJ'; // related to record e.g. an opportunity
emailMessage.fromAddress = 'sender@example.com'; // from address
emailMessage.fromName = 'Dan Perkins'; // from name
emailMessage.subject = 'This is the Subject!'; // email subject
emailMessage.htmlBody = '<html><body><b>Hello</b></body></html>'; // email body
// Contact, Lead or User Ids of recipients
String[] toIds = new String[]{ '003B0000000AxcEjIAJ' };
emailMessage.toIds = toIds;
// additional recipients who don't have a corresponding contact, lead or user id in the
// Salesforce org (optional)
emailMessage.toAddress = 'emailnotinsalesforce@toexample.com, anotherone@toexample.com';
insert emailMessage; // insert

// Add Email Message Relation for id of the sender
EmailMessageRelation emr = new EmailMessageRelation();
emr.emailMessageId = emailMessage.id;
emr.relationId = '005B0000003qHvOIAU'; // user id of the sender
emr.relationType = 'FromAddress';
insert emr;
```

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

[EmailMessageChangeEvent](#) (API version 48.0)

Change events are available for the object.

SEE ALSO:

[Case](#)

[Overview of Salesforce Objects and Fields](#)

EmailMessageRelation

Represents the relationship between an email and contacts, leads, and users. This object is available in API version 37.0 and later.

Special Access Rules



EmailMessageRelation is only available for organizations that use Email-to-Case or Enhanced Email, which is automatically enabled for most customers.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Fields

Field Name	Details
EmailMessageId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description The ID of the <code>EmailMessage</code> record. This is a relationship field.</p> <p>Relationship Name EmailMessage</p> <p>Relationship Type Lookup</p> <p>Refers To EmailMessage</p>

Field Name	Details
RelationAddress	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description The email address of the sender or recipient.</p> <p> Note: If a record relates an email to an existing contact, lead, or user record in Salesforce, the value of <code>RelationAddress</code> is the current value of the email address. If the value is not set, it is auto-populated from <code>RelationId</code>.</p>
RelationId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The <code>RecordId</code> of the sender or recipient.</p> <p> Note: If a record relates an email to an email address that's not associated with an existing contact, lead, or user record in Salesforce, the value of <code>RelationId</code> is null.</p> <p>This is a polymorphic relationship field.</p> <p>Relationship Name Relation</p> <p>Relationship Type Lookup</p> <p>Refers To Contact, Lead, User</p>
RelationObjectType	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The API name of the object type of the <code>RecordId</code> in the <code>RelationId</code> field. It can be a contact, lead, or user.</p>
RelationType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p>

Field Name	Details
	Description The type of relationship the contact, lead, or user has with the email message. Possible values include: <ul style="list-style-type: none"> • ToAddress • CcAddress • BccAddress • FromAddress • OtherAddress For an Experience Cloud site user who is not the sender of the email, no <code>BccAddress</code> relations are returned.

Usage

EmailMessageRelation allows an email to be related to contacts, leads, and users.

EmailRelay

Represents the configuration for sending an email relay. An email relay routes email sent from Salesforce through your company's email servers. This object is available in API version 43.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

You must have the Email Administration, Customize Application, and View Setup user permissions to use this object.

Fields


Field Name	Details
AuthType	Type picklist Properties Create, Filter, Group, Restricted Picklist, Sort, Update Description Specifies which SASL mechanism Salesforce uses for SMTP authentication. This field is available when Enable SMTP Auth is selected. Select an option:

Field Name	Details
	<ul style="list-style-type: none"> PLAIN- Salesforce uses PLAIN SASL mechanism for SMTP authentication. Default. LOGIN- Salesforce uses LOGIN SASL mechanism for SMTP authentication <p>This field is available in API version 52.0 and later.</p>
Host	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Indicates the host name or IP address of your company's SMTP server.</p>
IsRequireAuth	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether (true) or not (false) authentication is required. When setting this field to true, the <code>TlsSetting</code> must be set to RequiredVerify. This field is available in API version 44.0 and later.</p>
Password	<p>Type encryptedstring</p> <p>Properties Create, Nillable, Update</p> <p>Description Specifies the password for relay host SMTP authentication. When <code>IsRequireAuth</code> is set to true, this field is required. This field is available in API version 44.0 and later.</p>
Port	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Indicates the port number of your company's SMTP server.</p> <ul style="list-style-type: none"> 25 587 10025 11025

Field Name	Details
TlsSetting	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Specifies whether Salesforce uses TLS for SMTP sessions.</p> <ul style="list-style-type: none"> • Off: TLS is turned off. SMTP session continues through an insecure connection. • Preferred: If the remote server supports TLS, Salesforce upgrades the current SMTP session to use TLS. If TLS is unavailable, Salesforce continues the session without TLS. • Required: Salesforce continues the session only if the remote server supports TLS. If TLS is unavailable, Salesforce terminates the session without delivering the email. • PreferredVerify: If the remote server supports TLS, Salesforce upgrades the current SMTP session to use TLS. Before the session begins, Salesforce verifies that the certificate is signed by a valid certificate authority, and that the common name presented in the certificate matches the domain or mail exchange of the current connection. If TLS is available but the certificate is not signed or the common name does not match, Salesforce disconnects the session and does not deliver the email. If TLS is unavailable, Salesforce continues the session without TLS. • RequiredVerify: Salesforce continues the session only if the remote server supports TLS, the certificate is signed by a valid certificate authority, and the common name presented in the certificate matches the domain or mail exchange to which Salesforce is connected. If any of these criteria are not met, Salesforce terminates the session without delivering the email.
Username	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Specifies the username for relay host SMTP authentication. When IsRequiredAuth is set to true, this field is required. This field is available in API version 44.0 and later.</p>

Usage

An email relay must be associated with an active email domain filter to take effect. If you set up multiple email relays in one org, they are processed in the priority order of their email domain filters.

 **Tip:** If you also plan to activate Bounce Management and Email Compliance Management, confirm with your email admin that your company allows relaying email sent from Salesforce. For more information on bounce management, see [Configure Deliverability Settings for Emails Sent from Salesforce](#).

SEE ALSO:

[EmailServicesFunction](#)

[EmailDomainFilter](#)

EmailRoutingAddress

An email address used for Email-to-Case. Email routing addresses store a unique email services address provided by Salesforce and configuration options for emails received by this address.

Supported Calls

`create()`, `describeSObjects()`, `delete()`, `update()`, `query()`, `retrieve()`, `upsert()`

Special Access Rules

To access this object, Email-to-Case must be enabled. Only admin users can access this object.

Fields

Field	Details
PersonalName	Type string Properties Create, Filter, Sort, Update Description The display name of the EmailRoutingAddress. Maximum size is 300 characters.
Address	Type email Properties Create, Filter, Sort, Update Description The email address to which your customers direct their questions. Emails are forwarded from this address.
EmailServicesAddress	Type reference

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update
	Description A unique, Salesforce-generated email address. This field value is read-only and can't be modified. Emails are forwarded to this address.

SEE ALSO:

[EmailServicesAddress](#)

EmailServicesAddress

An email service address.

Each email service has one or more email addresses to which users can send messages for processing. An email service only processes messages it receives at one of its addresses.

Supported Calls


`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only authenticated internal and external users can access this object.

Fields

Field	Details
AuthorizedSenders	Type textarea Properties Create, Filter, Nillable, Sort, Update Description Configures the email service address to only accept messages from the email addresses or domains listed in this field. If the email service address receives a message from an unlisted email address or domain, the email service performs the action specified in the <code>AuthorizationFailureAction</code> field of its associated email service. Leave this field blank if you want the email service address to receive email from any email address.
DeveloperName	Type string

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The name of the object in the API. This name can contain only underscores and alphanumeric characters and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. This 25-character field must be unique among other EmailServicesAddress records under the same EmailServiceFunction parent.</p> <p>In managed packages, this field prevents naming conflicts on package installations. This field is automatically generated, but you can supply your own value if you create the record using the API. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization.</p> <p> Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance might be slow while Salesforce generates one for each record.</p>
EmailDomainName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description A read only field you can query that contains the system-generated domain part of this email service address. The system generates a unique domain-part for each email service address to ensure that no two email service addresses are identical.</p>
FunctionId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The ID of the email service for which the email service address receives messages. This is a relationship field.</p> <p>Relationship Name Function</p> <p>Relationship Type Lookup</p> <p>Refers To EmailServicesFunction</p>
IsActive	<p>Type boolean</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether this object is active (true) or not (false).</p>
LocalPart	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The local-part of the email service address. The local-part of the address is the string that comes before the @ symbol.</p> <p>For the local-part of a Salesforce email address, all alphanumeric characters are valid, plus the following special characters:</p> <p>! # \$ % & amp; ' * / = ? ^ _ + - ` { } ~ ,</p> <p>The dot character (.) is also valid as long as it's not the first or last character.</p> <p>Email addresses aren't case-sensitive.</p>
RunAsUserId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description The username of the user whose permissions the email service assumes when processing messages sent to this address.</p>

Usage

This object supports the email services feature, which allows you to create automated processes that use Apex classes to process the contents, headers, and attachments of inbound email. For example, you can create an email service that automatically creates contact records based on contact information in messages.

SEE ALSO:

[EmailServicesFunction](#)

EmailServicesFunction

An email service.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only authenticated internal and external users can access this object.

Fields

Field	Details
AddressInactiveAction	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates what the email service does with messages received at an email address that is inactive. One of the following values:</p> <ul style="list-style-type: none"> • UseSystemDefault—The system default is used. (In API version 41.0 and earlier, the value specified for this choice is 0.) • Bounce—The email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 1.) • Discard—The email service deletes the message without notifying the sender. (In API version 41.0 and earlier, the value specified for this choice is 2.) • Requeue—The email service queues the message for processing in the next 24 hours. If the message is not processed within 24 hours, the email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 3.)
ApexClassId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Required. The ID of the Apex class that the email service uses to process inbound messages. This field is required for API version 12.0 and later.</p>
AttachmentOption	<p>Type picklist</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Restricted picklist, Sort, Update</p> <p>Description Indicates the types of attachments the email service accepts. One of the following values:</p> <ul style="list-style-type: none"> • None—The email service accepts the message but discards any attachment. (In API version 41.0 and earlier, the value specified for this choice is 0.) • NoContent—The attachment metadata (filename, MIME type, and so on) is provided to the Apex class, but the body is set to <code>null</code>. There was no previous numeric value for this choice. • TextOnly—The email service only accepts the following types of attachments: <ul style="list-style-type: none"> – Attachments with a Multipurpose Internet Mail Extension (MIME) type of text. – Attachments with a MIME type of application/octet-stream and a file name that ends with either a .vcf or .vcs extension. These are saved as text/x-vcard and text/calendar MIME types, respectively. (In API version 41.0 and earlier, the value specified for this choice is 1.) • BinaryOnly—The email service only accepts binary attachments, such as image, audio, application, and video files. (In API version 41.0 and earlier, the value specified for this choice is 2.) • All—The email service accepts any type of attachment. (In API version 41.0 and earlier, the value specified for this choice is 3.)
AuthenticationFailureAction	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates what the email service does with messages that fail or do not support any of the authentication protocols if the <code>IsAuthenticationRequired</code> field is true.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • UseSystemDefault—The system default is used. (In API version 41.0 and earlier, the value specified for this choice is 0.) • Bounce—The email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 1.) • Discard—The email service deletes the message without notifying the sender. (In API version 41.0 and earlier, the value specified for this choice is 2.) • Requeue—The email service queues the message for processing in the next 24 hours. If the message is not processed within 24 hours, the email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 3.)

Field	Details
AuthorizationFailureAction	<p>Type picklist</p> <p>Properties Defaulted on create, Group, Sort, Create, Filter, Nillable, Restricted picklist, Update</p> <p>Description Indicates what the email service does with messages received from senders who are not listed in the <code>AuthorizedSenders</code> field on either the email service or email service address.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • <code>UseSystemDefault</code>—The system default is used. (In API version 41.0 and earlier, the value specified for this choice is 0.) • <code>Bounce</code>—The email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 1.) • <code>Discard</code>—The email service deletes the message without notifying the sender. (In API version 41.0 and earlier, the value specified for this choice is 2.) • <code>Requeue</code>—The email service queues the message for processing in the next 24 hours. If the message is not processed within 24 hours, the email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 3.)
AuthorizedSenders	<p>Type textarea</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Configures the email service to only accept messages from the email addresses or domains listed in this field. If the email service receives a message from an unlisted email address or domain, the email service performs the action specified in the <code>AuthorizationFailureAction</code> field. Leave this field blank if you want the email service to receive email from any email address.</p>
ErrorRoutingAddress	<p>Type email</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The destination email address for error notification email messages when <code>IsErrorRoutingEnabled</code> is <code>true</code>.</p>
FunctionInactiveAction	<p>Type picklist</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates what the email service does with messages it receives when the email service itself is inactive.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • <code>UseSystemDefault</code>—The system default is used. (In API version 41.0 and earlier, the value specified for this choice is <code>0</code>.) • <code>Bounce</code>—The email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is <code>1</code>.) • <code>Discard</code>—The email service deletes the message without notifying the sender. (In API version 41.0 and earlier, the value specified for this choice is <code>2</code>.) • <code>Requeue</code>—The email service queues the message for processing in the next 24 hours. If the message is not processed within 24 hours, the email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is <code>3</code>.)
FunctionName	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description The name of the email service.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether this object is active (<code>true</code>) or not (<code>false</code>).</p>
IsAuthenticationRequired	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Configures the email service to verify the legitimacy of the sending server before processing a message. The email service uses the SPF, SenderId, and DomainKeys protocols to verify the sender's legitimacy: If the sending server passes at least one of these protocols and does not fail any, the email service accepts the email. If the server fails a protocol or does not support</p>

Field	Details
	any of the protocols, the email service performs the action specified in the <code>AuthenticationFailureAction</code> field.
<code>IsErrorRoutingEnabled</code>	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description When incoming email messages can't be processed, indicates whether error notification email messages are routed to a chosen address or to the senders.</p>
<code>IsTextAttachmentsAsBinary</code>	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description If <code>true</code>, text attachments are supplied to the Apex code as a <code>Messaging.BinaryAttachment</code> instead of as a <code>Messaging.TextAttachment</code>. This means that the body is supplied as an Apex Blob instead of as an Apex String.</p>
<code>IsTextTruncated</code>	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description This field is deprecated. It is not available as of API version 23.0 and is deprecated and hidden in versions 17.0 through 22.0. In all API versions, the email service now accepts inbound email messages up to the 10 MB size limit, without truncating the text. Previously, it indicated whether the email service truncated and accepted email messages with HTML body text, plain body text, and text attachments over approximately 100,000 characters (<code>true</code>) or rejected these email messages and notified the sender (<code>false</code>).</p>
<code>IsTlsRequired</code>	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Not currently in use.</p>
<code>OverLimitAction</code>	<p>Type picklist</p>

Field	Details
	<p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Indicates what the email service does with messages if the total number of messages processed by all email services combined has reached the daily limit for your organization.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • <code>UseSystemDefault</code>—The system default is used. (In API version 41.0 and earlier, the value specified for this choice is 0.) • <code>Bounce</code>—The email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 1.) • <code>Discard</code>—The email service deletes the message without notifying the sender. (In API version 41.0 and earlier, the value specified for this choice is 2.) • <code>Requeue</code>—The email service queues the message for processing in the next 24 hours. If the message is not processed within 24 hours, the email service returns the message to the sender with a notification that explains why the message was rejected. (In API version 41.0 and earlier, the value specified for this choice is 3.) <p>The system calculates the limit by multiplying the number of user licenses by 1,000.</p>

Usage

This object supports the email services feature, which allows you to create automated processes that use Apex classes to process the contents, headers, and attachments of inbound email. For example, you can create an email service that automatically creates contact records based on contact information in messages.

SEE ALSO:

[EmailServicesAddress](#)

EmailStatus

Represents the status of email sent.

Supported Calls

`describeSObjects()`

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
EmailTemplateName	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The name of the EmailTemplate.</p>
FirstOpenDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date when the email was first opened by recipient. Label is Date Opened.</p>
LastOpenDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date when the email was last opened by recipient.</p>
TaskId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description The activity (task or event) associated with the email. Label is Activity ID. This is a relationship field.</p> <p>Relationship Name Task</p> <p>Relationship Type Lookup</p> <p>Refers To Task</p>
TimesOpened	<p>Type int</p> <p>Properties Filter, Group, Sort</p>

Field	Details
	Description Number of times the recipient opened the email.
WhoId	Type reference Properties Filter, Group, Nillable, Sort Description The Whold represents a human such as a lead or a contact. Wholds are polymorphic. Polymorphic means a Whold is equivalent to a contact's ID or a lead's ID. The label is Name ID. This is a polymorphic relationship field. Relationship Name Who Relationship Type Lookup Refers To Contact, Lead

SEE ALSO:

[EmailTemplate](#)

EmailTemplate

Represents a template for an email, mass email, list email, or Sales Engagement email. Supported in first-generation managed packages only.



Note: You can't send a mass email using a Visualforce email template.

Supported Calls



`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `update()`, `upsert()`

Special Access Rules

Customer Portal users can't access this object.

Fields

Field	Details
ApiVersion	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The API version for this class. Every class has an API version specified at creation.</p>
Body	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Content of the email. Limit: 384 KB.</p>
BrandTemplateId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Required. ID of the BrandTemplate associated with this email template. The brand template supplies letterhead information for the email template.</p>
DeliveryRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read-only. The percentage of the emails that were delivered compared to the number that bounced (soft and hard). Note: this data includes emails that were delivered to the recipient's spam folder. This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
Description	<p>Type string</p> <p>Properties Create, Filter, Nillable, Sort, Update</p>

Field	Details
	Description Description of the template, for example, Promotion Mass Mailing.
DeveloperName	Type string Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The unique name of the object in the API. This name can contain only underscores and alphanumeric characters, and must be unique in your org. It must begin with a letter, not include spaces, not end with an underscore, and not contain two consecutive underscores. In managed packages, this field prevents naming conflicts on package installations. With this field, a developer can change the object's name in a managed package and the changes are reflected in a subscriber's organization. Label is Template Unique Name .  Note: When creating large sets of data, always specify a unique DeveloperName for each record. If no DeveloperName is specified, performance may slow while Salesforce generates one for each record.
Encoding	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Character set encoding for the template.
EnhancedLetterheadId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description ID of the enhanced letterhead associated with the email template.  Note: To use an enhanced letterhead, associate it with a Lightning email template that uses the HML merge language. This is a relationship field. Relationship Name EnhancedLetterhead Relationship Type Lookup Refers To EnhancedLetterhead

Field	Details
EntityType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort,</p> <p>Description When <code>UiType</code> is 2 (Lightning Experience) or 3 (Lightning ExperienceSample), <code>EntityType</code> indicates which entities this template can be used with (for example, account or lead). Valid values are standard object ID prefixes: 001 for account, 003 for contact, 006 for opportunity, and 00Q for lead, 500 for case, and 701 for campaign. This field has been removed in API version 39.0. Use <code>RelatedEntityType</code> instead.</p>
FolderId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description ID of the folder that contains the template. This is a relationship field.</p> <p>Relationship Name Folder</p> <p>Relationship Type Lookup</p> <p>Refers To Folder, Organization, User</p>
FolderName	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The name of the folder that contains the template.</p>
HasSalesforceFiles	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If the email template has attachments from Salesforce Files. The default value is false.</p>
HtmlValue	<p>Type textarea</p>

Field	Details
	<p>Properties Create, Nillable, Update</p> <p>Description This field contains the content of the email message, including HTML coding to render the email message. Limit: 384 KB.</p>
IsActive	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates that this template is active if <code>true</code>, or inactive if <code>false</code>.</p>
IsBuilderContent	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If the email template was made in Email Template Builder. The default value is false.</p>
LastUsedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Date and time when this email template was last used. Used with Salesforce Classic templates. Not typically used with Lightning Experience templates.</p>
Markup	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description The Visualforce markup, HTML, JavaScript, or any other Web-enabled code that defines the content of the template.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p>

Field	Details
	<p>Description Name of the template. Label is Email Template Name.</p>
NamespacePrefix	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <i>namespacePrefix__componentName</i> notation. The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> • In Developer Edition orgs, NamespacePrefix is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer. • In orgs that are not Developer Edition orgs, NamespacePrefix is set only for objects that are part of an installed managed package. All other objects have no namespace prefix. <p>This field can't be accessed unless the logged-in user has the Customize Application permission.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the owner of the template. This is a relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>
RelatedEntityType	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field	Details
	<p>Description</p> <p>When <code>UIType</code> is 2 (Lightning Experience) or 3 (Lightning ExperienceSample), <code>RelatedEntityType</code> indicates which entities this template can be used with. Valid values are the entity API name: "Account" for account, "Contact" for contact, "Opportunity" for opportunity, "Lead" for lead, and so on. The value can be any entity the user has read access to (including custom entities) but not virtual entities, setup entities, or platform entities.</p> <p>No restrictions exist at the schema level.</p>
Subject	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Nillable, Sort, Update</p> <p>Description</p> <p>Content of the subject line.</p> <p>The limit is 1,000 characters for Lightning email templates and 230 characters for Classic email templates.</p>
TemplateStyle	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>Style of the template.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • <code>formalLetter</code>—Formal Letter • <code>freeForm</code>—Free Form Letter • <code>newsletter</code>—Newsletter • <code>none</code>—No Email Layout • <code>products</code>—Products • <code>promotionLeft</code>—Promotion (Left) • <code>promotionRight</code>—Promotion (Right)
TemplateType	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Create, Filter, Group, Restricted picklist, Sort</p> <p>Description</p> <p>Type of template.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • <code>custom</code>—Custom

Field	Details
	<ul style="list-style-type: none"> • <code>html</code>—HTML • <code>text</code>—Text • <code>visualforce</code>—Visualforce
TimesUsed	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Number of times this email template has been used. Used with Salesforce Classic templates. Not typically used with Lightning Experience templates.</p>
TotalDelivered	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read-only. The total number of emails sent minus hard and soft bounces. Note: this data includes emails that were delivered to the recipient's spam folder. This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
TotalHardBounced	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only. The total number of emails that permanently bounced back to the sender because the address is invalid. A hard bounce can occur because the domain name doesn't exist or because the recipient is unknown. This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
TotalOpens	<p>Type int</p>

Field	Details
	<p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only. The total number of times a prospect's email client loaded the images in the HTML version of the email. We also record an open if the prospect clicks a link within the HTML or text email without downloading images. A click indicates that they viewed the message. Some email clients (Outlook, Apple Mail, Thunderbird) don't display images by default. Pardot counts an open each time the images load.</p> <p>This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
TotalSent	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read-only. The total number of emails sent, including bounced, opted-out, and invalid To: addresses.</p> <p>This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
TotalSoftBounced	<p>Type int</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Sort</p> <p>Description Read-only. The total number of times a recipient's mail server acknowledged the email, but returned it to the sender. Sometimes it is because the recipient's mailbox is full or the mail server is temporarily unavailable. A soft bounce message can sometimes be delivered at another time. After 5 soft bounces, Pardot opts the prospect out of emails.</p> <p>This field is available in API version 46.0 and later. To access this field, your org must use Sales Engagement and users need the Sales Engagement User or Sales Engagement Cadence Creator permission set. This field value includes emails sent via the ListEmail object or Sales Engagement cadences.</p>
Uitype	<p>Type picklist</p>

Field	Details
	<p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description</p> <p>Indicates the user interface where this template is usable.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Aloha • SFX • SFX_Sample—SFXSample

Usage

To retrieve this object, issue a describe call on an object, which returns a query result for each activity since the object was created. You can't query these records.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EmailTemplateChangeEvent (API version 48.0)

Change events are available for the object.

SEE ALSO:

[Attachment](#)

[EmailStatus](#)

[DocumentAttachmentMap](#)

EmailTemplateMonthlyMetric

Represents the monthly engagement metrics for an email template. This object is available in API version 53.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

Sales Engagement must be enabled.

Fields

Field	Details
AllEmailsBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The total of hard and soft bounced emails for this email template in the month. This is a calculated field.</p>
AllEmailsDeliveredCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of successfully delivered emails for this email template in the month. This is a calculated field.</p>
AllEmailsHardBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of hard bounced emails for this email template in the month.</p>
AllEmailsLinkClickedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails containing a link clicked by the recipient for this email template in the month.</p>
AllEmailsNotDeliveredCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails not delivered for this email template in the month. This field is available in API version 54.0 and later.</p>

Field	Details
AllEmailsOpenedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails opened by the recipient for this email template in the month.</p>
AllEmailsOutOfOfficeCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails that triggered an out-of-office reply for this email template in the month.</p>
AllEmailsRepliedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails replied to for this email template in the month.</p>
AllEmailsSentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent for this email template in the month. This is a calculated field.</p>
AllEmailsSoftBouncedCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails soft bounced for this email template in the month.</p>
AllEmailsTrackedSentCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The number of emails sent with engagement tracking enabled for this email template in the month.</p>
AllEmailsUntrackedSentCount	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The number of emails sent without engagement tracking for this email template in the month.</p>
DeliveredRecipientCount	<p>Type</p> <p>int</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The number of recipients who were successfully delivered an email for this email template in the month. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
DeliveredRecipientRate	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of unique recipients that received an email you sent. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
EmailTemplateId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>The ID of the related email template.</p> <p>This is a relationship field.</p> <p>Relationship Name</p> <p>EmailTemplate</p> <p>Relationship Type</p> <p>Lookup</p>

Field	Details
	Refers To EmailTemplate
HardBounceTrackableSends	Type int Properties Filter, Group, Nillable, Sort Description The number of emails sent with hard bounce tracking. This field is available in API version 54.0 and later.
HrdBncTrackableRecipientSends	Type int Properties Filter, Group, Nillable, Sort Description The number of recipients who received an email with hard bounce tracking. This field is available in API version 54.0 and later.
IsLocked	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Indicates whether the monthly metric record is locked or not. The default value is 'false'.
LinkClickTrackableSends	Type int Properties Filter, Group, Nillable, Sort Description The number of emails sent with link click tracking for the email template in the month. This field is available in API version 54.0 and later.
LinkClkTrackableRecipientSends	Type int Properties Filter, Group, Nillable, Sort Description The number of recipients who received an email with link tracking for the email template in the month. This field is available in API version 54.0 and later.

Field	Details
MayEdit	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the monthly metric record can be edited or not. The default value is 'false'.</p>
Month	<p>Type date</p> <p>Properties Filter, Group, Sort</p> <p>Description The month in which the engagement occurred.</p>
MonthInt	<p>Type int</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description The month in which the engagement occurred, in yyyyymm format.</p>
OooTrackableRecipientSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients who received an email with out-of-office tracking for the email template in the month. Out-of-office tracking requires Inbox. This field is available in API version 54.0 and later.</p>
OpenTrackableRecipientSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients who received an email with open tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
OpenTrackableSends	<p>Type int</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent with open tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
OutOfOfficeTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent with out-of-office tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
RecipientReplies	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of unique recipients who replied to an email for this email template in the month. This field is available in API version 54.0 and later.</p>
RecipientSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of unique email recipients for this email template in the month. This field is available in API version 54.0 and later.</p>
RecipientsHardBounced	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients that hard-bounced an email for this email template in the month. Hard bounces can mean that the recipient's email address doesn't exist or is misspelled. This field is available in API version 54.0 and later.</p>
RecipientsOutOfOffice	<p>Type int</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients that responded with an out-of-office reply for the email template in the month. This field is available in API version 54.0 and later.</p>
RecipientsSoftBounced	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients that soft-bounced an email for the email template in the month. A soft bounce often indicates a temporary issue with the recipient's email server, such as a full inbox. This field is available in API version 54.0 and later.</p>
ReplyTrackableRecipientSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients who received an email with reply tracking for this email template in the month. This field is available in API version 54.0 and later.</p>
ReplyTrackableSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent with reply tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
SftBncTrackableRecipientSends	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of recipients who received an email with soft bounce tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
SoftBounceTrackableSends	<p>Type int</p>

Field	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of emails sent with soft bounce tracking for the email template in the month. This field is available in API version 54.0 and later.</p>
SomeEmailsDeliveredCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of sent emails that were successfully delivered to at least one of its recipients for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
SomeEmailsDeliveredRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of sent and tracked emails that were successfully delivered to at least one of their recipients for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
TrackableRecipientSendHrdBncRt	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of emails sent to unique recipients with hard bounce tracking that hard bounced for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
TrackableRecipientSendOooRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>The percentage of emails sent with out-of-office tracking that received out-of-office replies from unique recipients for the email template in the month. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
TrackableRecipientSendReplyRt	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent with reply tracking that received replies from unique recipients for the email template in the month. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
TrackableRecipientSendSftBncRt	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent to unique recipients with soft bounce tracking that soft-bounced for the email template in the month. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
TrackableSendHardBounceRate	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent with hard bounce tracking that hard bounced for the email template in the month. This field is available in API version 54.0 and later.</p> <p>This is a calculated field.</p>
TrackableSendLinkClickRate	<p>Type</p> <p>percent</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The percentage of emails sent with link tracking that had link clicks for the email template in the month. This field is available in API version 54.0 and later.</p>

Field	Details
	This is a calculated field.
TrackableSendOpenRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of emails sent with open tracking that were opened by the recipient for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
TrackableSendOutOfOfficeRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of emails sent with out-of-office tracking that received out-of-office replies for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
TrackableSendReplyRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of emails sent with reply tracking that received replies for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
TrackableSendSoftBounceRate	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The percentage of emails sent with soft bounce tracking that soft bounced for the email template in the month. This field is available in API version 54.0 and later. This is a calculated field.</p>
UniqueEmailsLinkClickedCount	<p>Type int</p>

Field	Details
	Properties Filter, Group, Nillable, Sort Description The number of link clicks by unique recipients for the email template in the month.
UniqueEmailsOpenedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of times an email you sent was opened by a unique recipient for the email template in the month. When you send a list email, this field increments each time a recipient opens the received email.
UniqueEmailsRepliedCount	Type int Properties Filter, Group, Nillable, Sort Description The number of replies from unique recipients for the email template in the month.

EmbeddedServiceDetail

Represents a metadata catalog object that exposes fields from the underlying Embedded Service setup objects defined in each EmbeddedServiceConfig deployment for guest users. Guest users don't have direct access to the Embedded Service setup objects. Available in API version 39.0 and later.

Supported SOAP Calls

`describeSObjects()`, `query()`

Supported REST HTTP Methods

GET

Fields

Field	Details
AvatarImg	Type string

Field	Details
	Properties Filter, Group, Nillable, Sort Description URL of the image used as the agent avatar image.
ContrastInvertedColor	Type string Properties Filter, Group, Nillable, Sort Description Accent branding color used in the embedded component, displayed as a hexadecimal value. Changes made to this field in the API aren't reflected in the embedded component.
ContrastPrimaryColor	Type string Properties Filter, Group, Nillable, Sort Description Value of the ContrastPrimaryColor field in the EmbeddedServiceBranding setup object.
CustomMinimizedComponent	Type string Properties Filter, Group, Nillable, Sort Description The custom Aura component that's used for the minimized state for this Embedded Chat deployment.
CustomPrechatComponent	Type string Properties Filter, Group, Nillable, Sort Description The custom Aura component that's used for the pre-chat page for this Embedded Chat deployment.
DurableId	Type string Properties Filter, Group, Nillable, Sort

Field	Details
	Description Developer name for the EmbeddedServiceConfig.
FieldServiceConfirmCardImg	Type string Properties Filter, Group, Nillable, Sort Description URL of the image used for the confirmation card in embedded Appointment Management (beta).
FieldServiceHomeImg	Type string Properties Filter, Group, Nillable, Sort Description URL of the image used for the home screen in embedded Appointment Management (beta).
FieldServiceLogoImg	Type string Properties Filter, Group, Nillable, Sort Description URL of the logo used for the home screen in embedded Appointment Management (beta).
Font	Type string Properties Filter, Group, Nillable, Sort Description Font used in the chat text of the Embedded Chat window.
FontSize	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort Description Font size for the embedded component. Possible values are: <ul style="list-style-type: none"> • Small • Medium

Field	Details
	<ul style="list-style-type: none"> • Large
HeaderBackgroundImg	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description URL of the image used for the header background in Embedded Chat. This field is removed in API version 49.0 and later. The header background image is no longer supported.</p>
Height	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Height of the embedded component.</p>
IsFieldServiceEnabled	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether Field Service is enabled for this Embedded Service deployment (<code>true</code>) or not (<code>false</code>). Embedded Appointment Management is currently beta.</p>
IsLiveAgentEnabled	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether Chat is enabled for this Embedded Service deployment (<code>true</code>) or not (<code>false</code>).</p>
IsOfflineCaseEnabled	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether offline support is enabled for this Embedded Chat deployment (<code>true</code>) or not (<code>false</code>).</p>

Field	Details
IsPrechatEnabled	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Value of the <code>PrechatEnabled</code> field in the <code>EmbeddedServiceLiveAgent</code> setup object.</p>
IsQueuePositionEnabled	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether queue position (displaying the customer's place in line while they wait for an agent) is enabled for this Embedded Chat deployment (<code>true</code>) or not (<code>false</code>).</p>
NavBarColor	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Value of the <code>NavBarColor</code> field in the <code>EmbeddedServiceBranding</code> setup object.</p>
NavBarTextColor	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description This field is used to set the text color for the header.</p>
OfflineCaseBackgroundImg	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description URL of the image used for the background for the offline support case form in Embedded Chat.</p>
PrechatBackgroundImg	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	Description URL of the image used for the background for the pre-chat form in Embedded Chat.
PrimaryColor	Type string Properties Filter, Group, Nillable, Sort Description Value of the PrimaryColor field in the EmbeddedServiceBranding setup object.
SecondaryColor	Type string Properties Filter, Group, Nillable Sort Description Value of the SecondaryColor field in the EmbeddedServiceBranding setup object.
SecondaryNavBarColor	Type string Properties Filter, Group, Nillable Sort Description This field is used to set the color of a secondary header.
ShouldHideAuthDialog	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Specifies whether the prompt that the customer log in again during a flow should be hidden (true) or not (false). When it's hidden, the customer is taken directly to your login page.
ShouldShowExistingAppointment	Type boolean Properties Defaulted on create, Filter, Group, Sort Description Specifies whether to display a button on the home screen for customers to access their existing appointments (true) or not (false) for embedded Appointment Management (beta).

Field	Details
ShouldShowNewAppointment	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Specifies whether to display a button on the home screen for customers to create a new appointment (<code>true</code>) or not (<code>false</code>) for embedded Appointment Management (beta).</p>
Site	<p>Type string</p> <p>Properties Filter, Group, Nillable Sort</p> <p>Description Value of the <code>site</code> field in the <code>EmbeddedServiceConfig</code> setup object.</p>
SmallCompanyLogoImg	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description URL of the logo image used with Embedded Chat.</p>
WaitingStateBackgroundImg	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description URL of the image used for the background image in Embedded Chat while the customer waits to be connected with a support agent.</p>
Width	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Width of the embedded component.</p>



Note: Any changes you make to the image fields override what you've entered in Setup. We recommend setting your image URLs in Setup.

EmbeddedServiceLabel

Represents a customized label in Embedded Chat or embedded Appointment Management. This object is available in API version 44.0 and later.

Supported SOAP Calls

`describeSObjects()`, `query()`

Supported REST HTTP Methods

GET

Fields

Field	Details
CustomLabelName	Type string Properties Filter, Group, Nillable, Sort Description The developer name for the custom label.
DurableId	Type string Properties Filter, Group, Nillable, Sort Description The unique name containing <code>EmbeddedServiceConfig.labelKey</code> .
EmbeddedServiceConfigDeveloperName	Type string Properties Filter, Group, Nillable, Sort Description Developer name for the EmbeddedServiceConfig.
LabelKey	Type picklist Properties Filter, Group, Nillable, Restricted picklist, Sort

Field	Details
	Description The type of label for this embedded component. The value corresponds to the label within a label group (substate of chat state or page type).

Employee

Represents an employee within a company or organization. This object is available in API version 48.0 and later. In API version 49.0 and later, this object supports reports, criteria-based sharing rules, and history tracking, plus you can exclude individual fields from custom page layouts.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access this object, you must have a Workplace Command Center permission set license and the Provides access to Workplace Command Center features system permission or have the Employee Management and Employee User add-on licenses.

Fields

Field	Details
AboutMe	Type textarea Properties Create, Filter, Group, Nillable, Sort, Update Description Information about the employee, such as areas of interest or skills. Values can be provided on Employee's profile page. This field is available even if Chatter is disabled.
AlternateEmail	Type email Properties Create, Filter, Group, Nillable, Sort, Update Description The employee's alternate email address.
Availability	Type picklist

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's availability status. Possible values are:</p> <ul style="list-style-type: none"> • In The Office • Out Of Office • Out Sick • PTO • Volunteering Time Off • Working Remotely
AvailabilityEndDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The end date of the Employee's availability, inclusive of the date.</p>
AvailabilityStartDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The start date of the Employee's availability, inclusive of the date.</p>
BannerPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read only. The URL for the employee's banner photo. Available in API v51.0 and later.</p>
CurrentWellnessStatus	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's current wellness status. Possible values are:</p>

Field	Details
	<ul style="list-style-type: none"> • Available To Work • Remote Work Only • Unavailable • Unknown
DateOfBirth	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's date of birth.</p>
Email	<p>Type email</p> <p>Properties Create, Filter, Group, idLookup, Nillable, Sort, Update</p> <p>Description The employee's email address. This field is unique within your organization.</p>
EmployeeNumber	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Required. The employee's employment ID for the organization they were hired into. This field is unique within your organization.</p>
EmployeeStatus	<p>Type picklist</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The employee's current work status. Possible values are:</p> <ul style="list-style-type: none"> • Active • Inactive • Leave • Terminated
EmploymentType	<p>Type picklist</p>

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's full-time or part-time status. Possible values are:</p> <ul style="list-style-type: none"> • Full-Time • Part-Time
FirstName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The employee's first name.</p>
FullPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read only. The URL for the employee's profile photo. The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo isn't guaranteed to return a photo. Query this field for the URL of the most recent photo. Available in API v51.0 and later.</p>
Gender	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's gender. Possible values are:</p> <ul style="list-style-type: none"> • Female • Male • Non-Binary / Non-Conforming • Other • Prefer Not to State • Transgender Female • Transgender Male

Field	Details
HomeAddress	<p>Type address</p> <p>Properties Filter, Nillable</p> <p>Description The employee's home address.</p>
HomeCity	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The city for the employee's home address.</p>
HomeCountry	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The county for the employee's home address.</p>
HomeGeocodeAccuracy	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The level of accuracy of an employee's home address geographical coordinates compared with its physical address. A geocoding service typically provides this value based on the address's latitude and longitude coordinates.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Address • Block • City • County • ExtendedZip • NearAddress • Neighborhood • State • Street • Unknown

Field	Details
	<ul style="list-style-type: none"> • Zip
HomeLatitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Used with HomeLongitude to specify the precise geolocation of the employee's home address. Acceptable values are numbers between –90 and 90 with up to 15 decimal places.</p>
HomeLongitude	<p>Type double</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Used with HomeLatitude to specify the precise geolocation of the employee's home address. Acceptable values are numbers between –180 and 180 with up to 15 decimal places.</p>
HomePhone	<p>Type phone</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's home phone number.</p>
HomePostalCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The postal code for the employee's home address.</p>
HomeState	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The state for the employee's home address.</p>
HomeStreet	<p>Type textarea</p>

Field	Details
	Properties Create, Filter, Group, Nillable, Sort, Update Description The street for the employee's home address.
IndividualId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description A reference to the Individual record that this employee is assigned to.
InternalOrganizationUnitId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description A reference to the InternalOrganizationUnit this employee is assigned to.
JobProfile	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The employee's job profile at the company.
LastName	Type string Properties Create, Filter, Group, Sort, Update Description Required. The employee's last name.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed a record related to this record.
LastViewedDate	Type dateTime

Field	Details
	<p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>
LocationId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A reference to the Location that this employee is assigned to.</p>
ManagerId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description A reference to the Employee record of the employee's manager.</p>
MediumPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read only. The URL for the medium-sized employee's profile photo. The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo isn't guaranteed to return a photo. Query this field for the URL of the most recent photo. Available in API v51.0 and later.</p>
MiddleName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's middle name.</p>
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Nillable, Sort</p>

Field	Details
	Description A compound field of <code>Employee.FirstName</code> , <code>Employee.MiddleName</code> , and <code>Employee.LastName</code> .
<code>NameSuffix</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The employee's suffix.
<code>OutOfOfficeMessage</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The message portion of the employee availability. This message can provide reasons or details about the change in availability. The maximum length of this string is 40 characters.
<code>OwnerId</code>	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the user who currently owns this record. Default value is the user logged in to the API to perform the create operation.
<code>PreferredFirstName</code>	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description The name the employee prefers to be called.
<code>PreferredPronoun</code>	Type picklist Properties Create, Filter, Group, Nillable, Sort, Update Description The employee's preferred pronoun. Possible values are:

Field	Details
	<ul style="list-style-type: none"> • He/Him/His • Other/Ask Me • She/Her/Hers • They/Them/Theirs
RelatedPersonId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Links an employee to a person account with a unique value. Reserved for future use. Don't edit it.</p>
SmallPhotoUrl	<p>Type url</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read only. The URL for the small-sized employee's profile photo. The URL is updated every time a photo is uploaded and reflects the most recent photo. If a newer photo has been uploaded, the URL returned for an older photo isn't guaranteed to return a photo. Query this field for the URL of the most recent photo. Available in API v51.0 and later.</p>
StatusAsOf	<p>Type dateTime</p> <p>Properties Create, Filter, Sort, Update</p> <p>Description Required. Start date of the employee's current status.</p>
StatusEndDate	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Planned end date for the employee's status.</p>
TimeZone	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p>

Field	Details
	Description The time zone which the employee's work hours fall within.
UserId	Type reference Properties Create, Filter, Group, Nillable, Sort, Update Description Lookup field to associate an Employee record with a user in the org. The field is optional and unique.
WorkPhone	Type phone Properties Create, Filter, Group, Nillable, Sort, Update Description The employee's formatted work phone number including country code and extension.
WorkerType	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort, Update Description Required. The type of worker for the employee. Possible values are: <ul style="list-style-type: none"> • Alumnus • Contractor • Employee • Intern • Temporary
WorkingHoursEnd	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The end time of the employee's working hours.
WorkingHoursStart	Type picklist

Field	Details
	Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update
	Description The start time of the employee's working hours.

Associated Objects

This object has the following associated objects. Unless noted, they're available in the same API version as this object.

EmployeeHistory (API version 49.0)

History is available for tracked fields of the object.

EmployeeOwnerSharingRule

Sharing rules are available for the object.

EmployeesShare (API version 49.0)

Sharing is available for the object.

SEE ALSO:

[Workplace Command Center for Work.com Developer Guide: Extend Work.com with Custom Solutions](#)

EmployeeCrisisAssessment

Represents a crisis assessment of an Employee. This object is available in API version 48.0 and later. In API version 49.0 and later, this object supports reports, criteria-based sharing rules, and history tracking, plus you can exclude individual fields from custom page layouts.

For Work.com, when an employee responds to a wellness survey, an EmployeeCrisisAssessment record is created based on an employee's answers.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

To access this object, you must be assigned a Workplace Command Center permission set license and the Provides access to Workplace Command Center features system permission.

Fields

Field	Details
Assessment	Type picklist

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The employee's COVID-19 status at the time of the assessment. Possible values are:</p> <ul style="list-style-type: none"> • COVID-19 Immune or Recovered • COVID-19 No Symptoms • COVID-19 Symptoms or Exposed • COVID-19 Test Negative • COVID-19 Test Positive • Declined
AssessmentDate	<p>Type dateTime</p> <p>Properties Create, Filter, Sort, Update</p> <p>Description The date of the assessment. Required</p>
AssessmentNumber	<p>Type string</p> <p>Properties Autonumber, Defaulted on create, Filter, idLookup, Sort</p> <p>Description The assessment record number.</p>
CrisisId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The Crisis that this assessment is associated with.</p>
EmployeeId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Required. The Employee that this assessment is associated with.</p>

Field	Details
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed this record. If this value is null, this record might only have been referenced (LastReferencedDate) and not viewed.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description The ID of the user who currently owns this record. Default value is the user logged in to the API to perform the create operation.</p>
SourceAssessment	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The record in the source system that drove this assessment.</p>
SourceSystem	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The source system that drove this assessment.</p>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

EmployeeCrisisAssessmentHistory (API version 49.0)

History is available for tracked fields of the object.

EmployeeCrisisAssessmentOwnerSharingRule

Sharing rules are available for the object.

EmployeeCrisisAssessmentShare (API version 49.0)

Sharing is available for the object.

SEE ALSO:

[Workplace Command Center for Work.com Developer Guide: Extend Work.com with Custom Solutions](#)

EmpUserProvisioningProcess

Represents an employee-user provisioning process. This object is available in API version 52.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object requires a Workplace Command Center add-on license, or an Employee Experience add-on license.

Fields

Field	Details
EndTime	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Create, Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The date and time that the user provisioning process ended.</p>
ErrorRecordCount	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>The number of records that encountered an error during the user provisioning process.</p>
LastReferencedDate	<p>Type</p> <p>dateTime</p>

Field	Details
	Properties Filter, Nillable, Sort Description The date and time when the user provisioning process was last referenced, with a precision of one second.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description The date and time when the user provisioning process was last viewed, with a precision of one second.
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the user provisioning process.
ProcessStatus	Type picklist Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description The status of the user provisioning process. Possible values are: <ul style="list-style-type: none">AbortedCancelledFailedFinishedInitializingProcessingQueued
StartTime	Type dateTime Properties Create, Filter, Nillable, Sort, Update

Field	Details
	Description The date and time that the user provisioning process started.
SuccessRecordCount	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The number of records that were successfully provisioned during the user provisioning process.
TotalRecordCount	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The total number of records in the user provisioning process.

Usage

Use the EmpUserProvisioningProcess to view the status of an employee-user provisioning process.

EmpUserProvisionProcessErr

Represents an employee-user provisioning process error. This object is available in API version 52.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

This object requires a Workplace Command Center add-on license, or an Employee Experience add-on license.

Fields

Field	Details
EmployeeId	Type reference

Field	Details
	<p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the employee record associated with the error. This is a relationship field.</p> <p>Relationship Name Employee</p> <p>Relationship Type Lookup</p> <p>Refers To Employee</p>
ErrorCode	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The error code if the provisioning isn't successful.</p>
ErrorMessage	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description If an error occurred, this field contains the error message.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the error was last referenced, with a precision of one second.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time when the error was last viewed, with a precision of one second.</p>

Field	Details
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Sort Description The name of the error.
ProvisioningProcessId	Type reference Properties Create, Filter, Group, Sort Description The ID of the associated user provisioning process. This is a relationship field. Relationship Name ProvisioningProcess Relationship Type Lookup Refers To EmpUserProvisioningProcess

Usage

Use the EmpUserProvisionProcessErr to view the errors for an employee-user provisioning process.

EnablementMeasureDefinition

This object is reserved for future use. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`


Special Access Rules

To access EnablementMeasureDefinition object, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.

Fields

Field	Details
AggregateFieldApiName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description Reserved for future use. Don't edit this field.</p>
AggregateFunction	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description Reserved for future use. Don't edit this field. Possible values are:</p> <ul style="list-style-type: none"> • Average • Count • Sum
Description	<p>Type string</p> <p>Properties Create, Filter, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>
DeveloperName	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>
DisplayFieldApiName	<p>Type string</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description Reserved for future use. Don't edit this field.</p>

Field	Details
IsValid	<p>Type string</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Reserved for future use. Don't edit this field.</p>
Language	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>

Field	Details
PublishedDateTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Reserved for future use. Don't edit this field.</p>
SourceMeasureObjectId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field. This field is a relationship field.</p> <p>Relationship Name SourceMeasureObject</p> <p>Relationship Type Lookup</p> <p>Refers To EnblMeasureObjectDefinition</p>
SourceObjectApiName	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Reserved for future use. Don't edit this field.</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description Reserved for future use. Don't edit this field. Possible values are:</p> <ul style="list-style-type: none">• Archived• Draft• Published <p> Note: Status value Published refers to Active status in Lightning Experience.</p>

EnablementProgram

Represents an Enablement program, which includes exercises and measurable milestones to help users such as sales reps achieve specific outcomes related to your company's revenue goals. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`, `upsert()`

Special Access Rules

- For Enablement admins to create, update, and delete Enablement programs, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.
- For users who take Enablement programs, the Take Enablement Programs permission is required. This permission is enabled by default as part of the Use Enablement Programs permission set, which comes with the Enablement add-on license.
- For partner users who take Partner Enablement programs, the Take Partner Enablement Programs permission is required. This permission is enabled by default as part of the Use Partner Enablement Programs permission set, which comes with the Enablement add-on license. Partner Enablement also requires a [supported Partner Relationship Management \(PRM\) add-on license](#).

Fields

Field	Details
Description	Type textarea Properties Create, Update Description The description of the program.
DoesAllowSelfEnrollment	Type boolean Properties Create, Defaulted on create, Filter, Group, Sort, Update Description Indicates whether the Users Can Self-Enroll option is on (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code> . When this field is <code>true</code> , Enablement admins can share the program with specific users, who can then self-enroll in the program.
IsOutcomeBased	Type boolean

Field	Details
	<p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the Outcome-Based Program option is on (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last accessed this record indirectly, for example, through a list view or related record.</p>
LastViewedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp when the current user last viewed this record. If this value is null, maybe the user accessed this record (<code>LastReferencedDate</code>) but not viewed it yet.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Group, idLookup, Sort, Update</p> <p>Description Name of the Enablement program. For example, AE Onboarding, Event Prep, or New Product Launch.</p>
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description ID of the owner of the program. This field is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Group, User</p>

Field	Details
PublishedDateTime	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date that the program is published.</p>
Status	<p>Type picklist</p> <p>Properties Create, Filter, Group, Restricted picklist, Sort</p> <p>Description The status of the program. Only a published program is available for an Enablement admin to assign to users or share with users so they can self-enroll.</p> <p>Possible values are:</p> <ul style="list-style-type: none">• Archived• Draft• Published
TotalAssigned	<p>Type int</p> <p>Properties Nillable</p> <p>Description The number of assignments in this program. For example, if the program is assigned to 3 users, then <code>TotalAssigned=3</code>.</p>
TotalBehind	<p>Type int</p> <p>Properties Nillable</p> <p>Description The number of assignments that are behind in this program. For example, if the program is assigned to 3 users, and 2 users are behind on their assignments, then <code>TotalBehind=2</code></p>
TotalCompleted	<p>Type int</p> <p>Properties Nillable</p>

Field	Details
	Description The number of completed assignments in this program. For example, if the program is assigned to 3 users, and 1 user has completed the program, then <code>TotalCompleted=1</code> .
<code>TotalDays</code>	Type int Properties Defaulted on create, Filter, Group, Nillable, Sort Description Total days of the program. This value is derived from the latest day of all items in the program, including exercises, milestones, and the outcome. This field is a calculated field. For example, a program has Task A on day 1 and Task B on day 2. Since Task B has the latest days of all tasks, then <code>TotalDays=2</code> .
<code>Type</code>	Type picklist Properties Create, Filter, Group, Restricted picklist, Sort Description The type of the program. Possible values are: <ul style="list-style-type: none"> • <code>Enablement</code> • <code>PtnrEnablement</code>

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[EnablementProgramOwnerSharingRule](#) (API version 60.0)

Sharing rules are available for the object.

[EnablementProgramShare](#) (API version 60.0)

Sharing is available for the object.

EnblMeasureObjectDefinition

This object is reserved for future use. This object is available in API version 56.0 and later.

Supported Calls

`create()`, `delete()`, `describeObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

To access EnablementMeasureDefinition object, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.

Fields

Field	Details
DeveloperName	Type string Properties Create, Filter, Group, Sort, Update Description Reserved for future use. Don't edit this field.
EnablementMeasureDefinitionId	Type reference Properties Create, Filter, Group, Sort Description Reserved for future use. Don't edit this field. This field is a relationship field. Relationship Name EnablementMeasureDefinition Relationship Type Lookup Refers To EnablementMeasureDefinition
FilterLogic	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Reserved for future use. Don't edit this field.
Language	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Reserved for future use. Don't edit this field. Possible values are:

Field	Details
	<ul style="list-style-type: none"> • da—Danish • de—German • en_US—English • es—Spanish • es_MX—Spanish (Mexico) • fi—Finnish • fr—French • it—Italian • ja—Japanese • ko—Korean • nl_NL—Dutch • no—Norwegian • pt_BR—Portuguese (Brazil) • ru—Russian • sv—Swedish • th—Thai • zh_CN—Chinese (Simplified) • zh_TW—Chinese (Traditional)
MasterLabel	<p>Type string</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>
ObjectApiName	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>
SequenceNumber	<p>Type int</p> <p>Properties Create, Filter, Group, Sort, Update</p> <p>Description Reserved for future use. Don't edit this field.</p>

EnblProgramSection

Represents an optional section in an Enablement program. A section can include other program items, such as milestones and exercises. This object is available in API version 60.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

- For Enablement admins to create, update, and delete Enablement programs, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.
- For users who take Enablement programs, the Take Enablement Programs permission is required. This permission is enabled by default as part of the Use Enablement Programs permission set, which comes with the Enablement add-on license.
- For partner users who take Partner Enablement programs, the Take Partner Enablement Programs permission is required. This permission is enabled by default as part of the Use Partner Enablement Programs permission set, which comes with the Enablement add-on license. Partner Enablement also requires a [supported Partner Relationship Management \(PRM\) add-on license](#).

Fields

Field	Details
EnablementProgramId	<div>Type</div> <div>reference</div> <div>Properties</div> <div>Filter, Group, Sort</div> <div>Description</div> <div>ID of an Enablement program that contains the section. This field is a relationship field.</div> <div>Relationship Name</div> <div>EnablementProgram</div> <div>Relationship Type</div> <div>Lookup</div> <div>Refers To</div> <div>EnablementProgram</div>
Name	<div>Type</div> <div>string</div> <div>Properties</div> <div>Filter, Group, idLookup, Sort</div> <div>Description</div> <div>The title of the program section.</div>

Field	Details
SequenceNumber	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description A number assigned to a section in a record sequence, starting at 0. This field supports use cases where a program has one or more empty sections, and the Enablement admin specified the order of those sections. For example, a program has five empty sections that outline an onboarding plan, and the Enablement admin plans to add milestones and exercises to those sections later.</p>

EnblProgramTaskDefinition

Represents an outcome, a milestone, or an exercise in an Enablement program. A program task is also known as a program item. This object is available in API version 60.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

- For Enablement admins to create, update, and delete Enablement programs, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.
- For users who take Enablement programs, the Take Enablement Programs permission is required. This permission is enabled by default as part of the Use Enablement Programs permission set, which comes with the Enablement add-on license.
- For partner users who take Partner Enablement programs, the Take Partner Enablement Programs permission is required. This permission is enabled by default as part of the Use Partner Enablement Programs permission set, which comes with the Enablement add-on license. Partner Enablement also requires a [supported Partner Relationship Management \(PRM\) add-on license](#).

Fields

Field	Details
Day	<p>Type int</p> <p>Properties Filter, Group, Sort</p>

Field	Details
	<p>Description</p> <p>The day of the program when the item is due, relative to the program's start date. For example, if a user is expected to complete an exercise where they watch a product demo by day 2, this field's value is 2. For an outcome, this field specifies the number of days the full program takes. For example, if your program lasts 60 days, the value of this field is 60 for the outcome. This field's value contributes to the program's due date that users see when they take the program.</p>
Description	<p>Type</p> <p>textarea</p> <p>Properties</p> <p>Create</p> <p>Description</p> <p>The description for the outcome, milestone, or exercise.</p>
EnablementProgramId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>ID of an Enablement program that contains the outcome, milestone, or exercise. This field is a relationship field.</p> <p>Relationship Name</p> <p>EnablementProgram</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>EnablementProgram</p>
EnblProgramSectionId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>ID of an optional program section that contains the milestone or exercise. This field is a relationship field.</p> <p>Relationship Name</p> <p>EnblProgramSection</p> <p>Relationship Type</p> <p>Lookup</p> <p>Refers To</p> <p>EnblProgramSection</p>

Field	Details
IsMilestoneAnOutcome	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Whether the program item is an outcome (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>
LearningItemId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description ID of the learning item that the task is associated with. This field is a relationship field.</p> <p>Relationship Name LearningItem</p> <p>Relationship Type Lookup</p> <p>Refers To LearningItem</p>
MilestoneTarget	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The outcome or milestone target for the user to achieve to get credit for completing the outcome or milestone. The unit depends on the specific measure that's associated with the outcome or milestone. For example, if the measure is the dollar amount of all closed opportunities, then the field value is measured in dollars.</p>
MinimumSampleSize	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Represents the number of records that you want to evaluate for calculating an outcome or milestone that uses an average-based measure. Use this field in combination with <code>MilestoneTarget</code>. For example, if you want users to achieve an average deal size of \$50,000 after closing 4 deals, then this field's value is 4 and <code>MilestoneTarget</code> has a value of 50000.</p>

Field	Details
Name	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description The name of the outcome, milestone, or exercise.</p>
SequenceNumber	<p>Type int</p> <p>Properties Filter, Group, Sort</p> <p>Description A number for program items that have the same due date, starting at 0. The sequence number determines the order of items that users see for that day in the program.</p>
TaskCategory	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The type of program item. Possible values are:</p> <ul style="list-style-type: none">• Exercise• Milestone
TaskSubCategory	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The type of exercise, if the program item is an exercise. This value determines the content associated with the exercise. For example, if the field value is <code>Video</code>, the exercise must reference video content from the Enablement workspace in the Digital Experiences app. The <code>LearningItemId</code> field specifies the reference to that video content. Possible values are:</p> <ul style="list-style-type: none">• ActionItem• AudioRecording• Document• FeedbackRequest• Other• OtherExercise• ScheduledEvent

Field	Details
	<ul style="list-style-type: none">• TextLesson• Trailhead• Video

EnblProgramTaskProgress

Represents a user's progress towards completing an outcome, a milestone, or an exercise in an Enablement program. This object is available in API version 60.0 and later.

Supported Calls

`describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Special Access Rules

- For Enablement admins to create, update, and delete Enablement programs, the Design and Deliver Enablement Programs permission is required. This permission is enabled by default as part of the Manage Enablement Essentials permission set, which comes with the Enablement add-on license.
- For users who take Enablement programs, the Take Enablement Programs permission is required. This permission is enabled by default as part of the Use Enablement Programs permission set, which comes with the Enablement add-on license.
- For partner users who take Partner Enablement programs, the Take Partner Enablement Programs permission is required. This permission is enabled by default as part of the Use Partner Enablement Programs permission set, which comes with the Enablement add-on license. Partner Enablement also requires a [supported Partner Relationship Management \(PRM\) add-on license](#).

Fields

Field	Details
CompletedDateTime	Type dateTime Properties Filter, Nillable, Sort Description The date that the user completed the outcome, milestone, or exercise.
CompletedOnDay	Type int Properties Filter, Group, Nillable, Sort Description Number of days that the user took to complete the outcome, milestone, or exercise.

Field	Details
CompletedPercent	<p>Type percent</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Percentage of the outcome, milestone, or exercise that's complete.</p>
ContributingRecordCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Reserved for future use.</p>
DueDate	<p>Type date</p> <p>Properties Filter, Group, Sort</p> <p>Description The date the outcome, milestone, or exercise is due.</p>
EnblProgramTaskDefinitionId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the outcome, milestone, or exercise definition. This field is a relationship field.</p> <p>Relationship Name EnblProgramTaskDefinition</p> <p>Relationship Type Lookup</p> <p>Refers To EnblProgramTaskDefinition</p>
IsCompleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Whether the outcome, milestone, or exercise is complete (<code>true</code>) or not (<code>false</code>). The default value is <code>false</code>.</p>

Field	Details
IsNoLongerTracking	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description If the user hasn't completed the outcome or milestone and 30 days have elapsed since the program's due date, the value is <code>true</code>. Otherwise, the value is <code>false</code>. The default value is <code>false</code>. For details, see Completion Statuses in Enablement Analytics.</p>
LearningItemProgressId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p> <p>Description ID of the record that tracks the user's progress through the program that includes this outcome, milestone, or exercise. This field is a relationship field.</p> <p>Relationship Name LearningItemProgress</p> <p>Relationship Type Lookup</p> <p>Refers To LearningItemProgress</p>
MilestoneComputationResult	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Derived from the associated EnblProgramTaskDefinition record. For example, if a milestone has a single measure A with a result of 5, this field's value is 5.</p>
ProgressStatus	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Status of the outcome, milestone, or exercise progress. Possible values are:</p> <ul style="list-style-type: none"> • Behind • Completed Late • Completed On Time • No Longer Tracking

Field	Details
	<ul style="list-style-type: none"> • Not Completed • Overdue <p>For details, see Completion Statuses in Enablement Analytics.</p>

EngagementChannelType

Represents a channel through which a customer can be reached for communication. This object is available in API version 48.0 and later.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
ContactPointType	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The contact point type of the channel.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • Email • MailingAddress • Phone • Social • Web
LastReferencedDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The timestamp for when the current user last viewed a record related to this record.</p>
LastViewedDate	<p>Type dateTime</p>

Field	Details
	Properties Filter, Nillable, Sort Description The timestamp for when the current user last viewed this record. If this value is null, it's possible that this record was referenced (<code>LastReferencedDate</code>) and not viewed.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description Required. Name of the communication subscription consent record.
OwnerId	Type reference Properties Create, Defaulted on create, Filter, Group, Sort, Update Description The ID of the account owner associated with this customer. This is a polymorphic relationship field. Relationship Name Owner Relationship Type Lookup Refers To Group, User

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

[EngagementChannelTypeFeed](#)

Feed tracking is available for the object.

[EngagementChannelTypeHistory](#)

History is available for tracked fields of the object.

[EngagementChannelTypeOwnerSharingRule](#)

Sharing rules are available for the object.

[EngagementChannelTypeShare](#)

Sharing is available for the object.

EnhancedLetterhead

Represents an enhanced letterhead that can be associated with a Lightning email template that doesn't use the Salesforce Merge Language (SML). This object is available in API version 46.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `describeLayout()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
Description	Type string Properties Create, Filter, Group, Nillable, Sort, Update Description Description of the contents of the header and footer.
LastReferencedDate	Type dateTime Properties Filter, Nillable, Sort Description Date and time when this enhanced letterhead was last used.
LastViewedDate	Type dateTime Properties Filter, Nillable, Sort Description Date and time when this enhanced letterhead was last viewed.
LetterheadFooter	Type textarea Properties Create, Nillable, Update Description The contents of the enhanced letterhead's footer.

Field	Details
LetterheadHeader	Type textarea Properties Create, Nillable, Update Description The contents of the enhanced letterhead's header.
Name	Type string Properties Create, Filter, Group, idLookup, Sort, Update Description The name of the enhanced letterhead, such as Standard Company Letterhead.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

EnhancedLetterheadFeed

Feed tracking is available for the object.

Entitlement

Represents the customer support an account or contact is eligible to receive. This object is available in API version 18.0 and later. Entitlements may be based on an asset, product, or service contract.

Supported Calls

`create()`, `delete()`, `describeLayout()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelete()`, `update()`, `upsert()`

Fields

Field	Details
AccountId	Type reference Properties Create, Filter, Group, Sort Description ID of the Account associated with the entitlement.

Field	Details
AssetId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Required. ID of the Asset associated with the entitlement. Must be a valid asset ID.</p>
AssetWarrantyID	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The identifier of the asset warranty record. Must be a valid asset warranty ID. AssetWarranty is available only with Field Service.</p>
BusinessHoursId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Required. ID of the BusinessHours associated with the entitlement. Must be a valid business hours ID.</p>
CasesPerEntitlement	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The total number of cases the entitlement supports. This field is only available if <code>IsPerIncident</code> is <code>true</code>.</p>
ContractLineItemId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Required. ID of the ContractLineItem associated with the entitlement. Must be a valid ID.</p>
EndDate	<p>Type date</p>

Field	Details
	<p>Properties Create, Filter, Nillable, Update</p> <p>Description The last day the entitlement is in effect.</p>
IsPerIncident	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Update</p> <p>Description Indicates whether the entitlement is limited to supporting a specific number of cases (<code>true</code>) or not (<code>false</code>).</p>
LastReferencedDate	<p>Type date</p> <p>Properties Filter, Nillable, Sort, Update</p> <p>Description The timestamp when the current user last accessed this record, a record related to this record, or a list view.</p>
LastViewedDate	<p>Type date</p> <p>Properties Filter, Nillable, Sort, Update</p> <p>Description The timestamp when the current user last viewed this record or list view. If this value is null, the user might have only accessed this record or list view (<code>LastReferencedDate</code>) but not viewed it.</p>
LocationID	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description ID of the Location associated with the entitlement. Must be a valid location ID.</p>
Name	<p>Type string</p> <p>Properties Create, Filter, Update</p>

Field	Details
	Description Required. Name of the entitlement.
SvcApptBookingWindowsId	Type reference Properties Create, Filter, Group, Sort, Nillable, Update Description The operating hours that the entitlement's work orders should respect. The label in the user interface is <code>Operating Hours</code> . Available only if Field Service is enabled.
RemainingCases	Type int Properties Create, Filter, Nillable, Update Description The number of cases the entitlement can support. This field decreases in value by one each time a case is created with the entitlement. This field is only available if <code>IsPerIncident</code> is selected.
RemainingWorkOrders	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description The number of agreed work orders remaining to be created.
ServiceContractId	Type reference Properties Create, Filter, Nillable, Update Description Required. ID of the ServiceContract associated with the entitlement. Must be a valid ID.
SlaProcessId	Type reference Properties Create, Filter, Nillable, Update Description ID of the SlaProcess associated with the entitlement. This field is available in version 19.0 and later.

Field	Details
StartDate	Type date Properties Create, Filter, Nillable, Update Description The first date the entitlement is in effect.
Status	Type picklist Properties Filter, Nillable Description Status of the entitlement, such as Expired.
SvcApptBookingWindows	Type reference Properties Create, Filter, Group, Sort, Nillable, Update Description The operating hours of the entitlement. This field is visible only if Field Service is enabled.
Type	Type picklist Properties Create, Defaulted on create, Filter, Nillable, Update Description The type of entitlement, such as Web or phone support.
WorkOrdersPerEntitlement	Type int Properties Create, Filter, Group, Nillable, Sort, Update Description Total number of work orders available for this entitlement.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EntitlementChangeEvent (API version 44.0)

Change events are available for the object.

EntitlementFeed (API version 23.0)

Feed tracking is available for the object.

EntitlementHistory

History is available for tracked fields of the object.

SEE ALSO:

[EntitlementContact](#)

[SlaProcess](#)

EntitlementContact

Represents a Contact eligible to receive customer support via an Entitlement. This object is available in API version 18.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`

Fields

Field	Details
ContactId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter, Group, Sort</p> <p>Description</p> <p>Required. ID of the Contact associated with the entitlement. Must be a valid ID.</p>
EntitlementId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Create, Filter</p> <p>Description</p> <p>Required. ID of the Entitlement associated with the entitlement contact. Must be a valid ID.</p>
IsDeleted	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter</p>

Field	Details
	Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted .
Name	Type string Properties Autonumber, Defaulted on create, Filter, idLookup, Nillable Description Required. Name of the entitlement contact.

Usage

Use to query and manage entitlement contacts.

SEE ALSO:

[Entitlement](#)

EntitlementTemplate

Represents predefined terms of customer support for a product (Product2). This object is available in API version 18.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `query()`, `retrieve()`, `update()`, `upsert()`

Special Access Rules

As of Summer '20 and later, only Salesforce admins, users with access to the Case, Entitlement, or Work Order objects, and users with the View Setup and Configuration permission can access this object.

Fields

Field	Details
BusinessHoursId	Type reference Properties Create, Filter, Nillable, Update

Field	Details
	<p>Description</p> <p>ID of the BusinessHours associated with the entitlement template. Must be a valid business hours ID.</p>
CasesPerEntitlement	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Filter, Nillable, Update</p> <p>Description</p> <p>The total number of cases the entitlement template supports.</p> <p>This field is only available if <code>IsPerIncident</code> is <code>true</code>.</p>
IsPerIncident	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Update</p> <p>Description</p> <p>Indicates whether the entitlement template is limited to supporting a specific number of cases (<code>true</code>) or not (<code>false</code>).</p>
Name	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, idLookup, Update</p> <p>Description</p> <p>Required. Name of the entitlement template.</p>
NamespacePrefix	<p>Type</p> <p>string</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The namespace prefix that is associated with this object. Each Developer Edition org that creates a managed package has a unique namespace prefix. Limit: 15 characters. You can refer to a component in a managed package by using the <code>namespacePrefix__componentName</code> notation.</p> <p>The namespace prefix can have one of the following values.</p> <ul style="list-style-type: none"> In Developer Edition orgs, <code>NamespacePrefix</code> is set to the namespace prefix of the org for all objects that support it, unless an object is in an installed managed package. In that case, the object has the namespace prefix of the installed managed package. This field's value is the namespace prefix of the Developer Edition org of the package developer.

Field	Details
	<ul style="list-style-type: none"> In orgs that are not Developer Edition orgs, <code>NamespacePrefix</code> is set only for objects that are part of an installed managed package. All other objects have no namespace prefix. <p>Available in version 34.0 and later.</p>
<code>SlaProcessId</code>	<p>Type reference</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description ID of the <code>SlaProcess</code> associated with the entitlement template. This field is available in API version 19.0 and later.</p>
<code>Term</code>	<p>Type int</p> <p>Properties Create, Defaulted on create, Filter, Nillable, Update</p> <p>Description Number of days that the entitlement template is valid.</p>
<code>Type</code>	<p>Type picklist</p> <p>Properties Create, Filter, Nillable, Update</p> <p>Description The type of entitlement template, such as Web or phone support.</p>

Usage

Use this object to manage entitlement templates.

EntityHistory

Represents historical information about an object's changed field values. This object is only available to users with the "View All Data" permission. This object is unavailable beginning with API version 8.0. Use the object-specific [History](#) objects instead.

Supported Calls

`describeSObjects()`, `getUpdated()`, `getDeleted()`, `query()`, `retrieve()`

You can also enable `delete()` in API version 42.0 and later. See [Enable delete of Field History and Field History Archive](#).

Fields

Field	Details
FieldName	<p>Type picklist</p> <p>Properties Filter, Restricted picklist</p> <p>Description ID of the standard or custom field.</p>
IsDeleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter</p> <p>Description Indicates whether the object has been moved to the Recycle Bin (<code>true</code>) or not (<code>false</code>). Label is Deleted.</p>
NewValue	<p>Type anyType</p> <p>Properties Nillable</p> <p>Description New value of the modified field.</p>
OldValue	<p>Type anyType</p> <p>Properties Nillable</p> <p>Description Previous value of the modified field.</p>
ParentId	<p>Type reference</p> <p>Properties Filter</p> <p>Description ID of the object that contains the field.</p>
ParentObjectType	<p>Type picklist</p> <p>Properties Filter, Restricted picklist</p>

Field	Details
	Description The kind of object that contains the field.

Usage

In API version 7.0 and later, this object works with Case, Contract, and Solution objects:

- This object is always read-only in the online application.
- When a field is modified, this object records both the old and new field values. There are exceptions to this behavior for certain fields such as long text areas and multi-select picklists. These fields appear in this object to indicate that the field was changed, but the old and new values are not recorded.
- Two rows are added to this object when foreign key fields change. One row contains the foreign key object names that display in the online application. For example, “Jane Doe” is recorded as the name of a contact. The other row contains the actual foreign key ID that is only returned to and visible from the API.
- Up to a total of twenty fields (standard or custom) can be tracked for a given object.
- In the online application, you can specify which fields are tracked or not tracked at any time.
- As soon as tracking is turned on for a field, all changes to its value are recorded in the database.
- Turning off tracking for a field stops further changes from being recorded, but the history data is not deleted.
- Be advised that deleting a custom field also permanently deletes the history data for that custom field.

EntityMilestone

Represents a required step in a customer support process on a work order. The Salesforce user interface uses the term “object milestone.” This object is available in API version 37.0 and later.

 **Note:** Milestones on cases use the [CaseMilestone](#) object type.




Supported Calls

`delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`

Special Access Rules



- As of Summer '20 and later, only Salesforce admins, users with access to the Case, Entitlement, or Work Order objects, and users with the View Setup and Configuration permission can access this object.
- Entitlement management must be enabled.
- Work orders or Field Service must be enabled.


Fields

Field Name	Details
ActualElapsedTimeInDays	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The number of days that it took to complete a milestone. (Elapsed Time) – (Stopped Time) = (Actual Elapsed Time)</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>
ActualElapsedTimeInHrs	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The number of hours that it took to complete a milestone. (Elapsed Time) – (Stopped Time) = (Actual Elapsed Time)</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>
ActualElapsedTimeInMins	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of minutes that it took to complete a milestone. (Elapsed Time) – (Stopped Time) = (Actual Elapsed Time)</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>
BusinessHoursId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field Name	Details
	Description The business hours on the milestone. If business hours aren't specified, the entitlement process business hours are used. If business hours are also not specified on the entitlement process, the business hours on the record are used.
CompletionDate	Type dateTime Properties Filter, Nillable, Sort, Update Description The date and time the milestone was completed.
CurrencyIsoCode	Type picklist Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update Description Available only for orgs with the multicurrency feature enabled. Contains the ISO code for any currency allowed by the organization.
ElapsedTimeInDays	Type double Properties Filter, Nillable, Sort Description The number of days it took to complete a milestone, including time during which the milestone was stopped. Automatically calculated to include the business hours on the record. Elapsed time is calculated only after the Completion Date field is populated. $(\text{Elapsed Time}) - (\text{Stopped Time}) = (\text{Actual Elapsed Time})$.
ElapsedTimeInHrs	Type double Properties Filter, Nillable, Sort Description The number of hours it took to complete a milestone, including time during which the milestone was stopped. Automatically calculated to include the business hours on the record. Elapsed time is calculated only after the Completion Date field is populated. $(\text{Elapsed Time}) - (\text{Stopped Time}) = (\text{Actual Elapsed Time})$.
ElapsedTimeInMins	Type int

Field Name	Details
	<p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of minutes it took to complete a milestone, including time during which the milestone was stopped. Automatically calculated to include the business hours on the record. Elapsed time is calculated only after the Completion Date field is populated. (Elapsed Time) – (Stopped Time) = (Actual Elapsed Time).</p>
IsCompleted	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Icon (✔) that indicates a milestone completion.</p>
IsViolated	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Icon (❗) that indicates a milestone violation.</p>
MilestoneTypeId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The ID of the milestone (for instance, First Response).</p>
Name	<p>Type string</p> <p>Properties Filter, Group, Sort, Update</p> <p>Description The name of the milestone.</p>
ParentEntityId	<p>Type reference</p> <p>Properties Filter, Group, Sort</p>

Field Name	Details
	<p>Description</p> <p>The ID of the record—for example, a work order—that contains the milestone.</p>
SlaProcessId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>The entitlement process associated with the milestone.</p>
StartDate	<p>Type</p> <p>dateTime</p> <p>Properties</p> <p>Filter, Nillable, Sort, Update</p> <p>Description</p> <p>The date and time that milestone tracking started.</p>
StoppedTimeInDays	<p>Type</p> <p>double</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The number of days that an agent has been blocked from completing a milestone. For example, an agent may be waiting for a customer to reply with more information.</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>
StoppedTimeInHrs	<p>Type</p> <p>double</p> <p>Properties</p> <p>Filter, Nillable, Sort</p> <p>Description</p> <p>The number of hours that an agent has been blocked from completing a milestone. For example, an agent may be waiting for a customer to reply with more information.</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>

Field Name	Details
StoppedTimeInMins	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of minutes that an agent has been blocked from completing a milestone. For example, an agent may be waiting for a customer to reply with more information.</p> <p> Note: To display this field, select Enable stopped time and actual elapsed time on the Entitlement Settings page and add the field to the object milestone page layout.</p>
TargetDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The date and time to complete the milestone.</p>
TargetResponseInDays	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The number of days to complete the milestone. Automatically calculated to include the business hours on the record.</p>
TargetResponseInHrs	<p>Type double</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The number of hours to complete the milestone. Automatically calculated to include the business hours on the record.</p>
TargetResponseInMins	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The number of minutes to complete the milestone. Automatically calculated to include the business hours on the record.</p>

Field Name	Details
TimeRemainingInDays	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The days that remain before a milestone violation. Automatically calculated to include the business hours on the record.</p>
TimeRemainingInHrs	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The hours that remain before a milestone violation. Automatically calculated to include the business hours on the record.</p>
TimeRemainingInMins	<p>Type string</p> <p>Properties Group, Nillable, Sort</p> <p>Description The minutes that remain before a milestone violation. Automatically calculated to include the business hours on the record.</p>
TimeSinceTargetInDays	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The days that have elapsed since a milestone violation. Automatically calculated to include the business hours on the record.</p>
TimeSinceTargetInHrs	<p>Type string</p> <p>Properties Filter, Nillable, Sort</p> <p>Description The hours that have elapsed since a milestone violation. Automatically calculated to include the business hours on the record.</p>
TimeSinceTargetInMins	<p>Type string</p>

Field Name	Details
	Properties Group, Nillable, Sort
	Description The minutes that have elapsed since a milestone violation. Automatically calculated to include the business hours on the record.

Usage

When you create an entitlement process, you select its type based on the type of record that you want the process to run on: Case or Work Order. Processes created before Summer '16 use the Case type. When a Work Order entitlement process runs on a work order, the resulting milestones on the work order are object milestones. Conversely, when a Case entitlement process runs on a case, the resulting milestones are case milestones, a separate standard object.



Tip: If an entitlement has an entitlement process associated with it, don't use the entitlement for multiple types of support records. An entitlement process works only on records that match the process's type. For example, when a Case entitlement process is applied to an entitlement, the process runs only on cases associated with that entitlement. If a work order is also associated with the entitlement, the process doesn't run on the work order. To ensure that the milestones you set up work as expected, associate a customer's work orders and cases with different entitlements.

Customize page layouts, validation rules, and more for object milestones from the Object Milestones node in Setup under Entitlement Management.

Associated Objects

This object has the following associated objects. Unless noted, they are available in the same API version as this object.

EntityMilestoneFeed

Feed tracking is available for the object.

EntityMilestoneHistory

History is available for tracked fields of the object.

EntitySubscription

Represents a subscription for a user following a record or another user. This object is available in API version 34.0 and later.

A user can subscribe to a record or to another user. Changes to the record and updates from the users are displayed in the Chatter feed on the user's home page, which is a useful way to stay up-to-date with other users and with changes made to records in Salesforce. Feeds are available in API version 18.0 and later.

Supported Calls

`create()`, `delete()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`

Fields

Field	Details
NetworkId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort</p> <p>Description ID of the Experience Cloud site where the user is following the record or user. This field is available in API version 26.0 and later, if digital experiences is enabled for your org.</p>
ParentId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the record or user which the user is following. This is a polymorphic relationship field.</p> <p>Relationship Name Parent</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Accreditation, ActivationTarget, ActivationTrgtIntOrgAccess, ApiAnomalyEventStore, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskIndDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CodeSet, CollaborationGroup, CommSubscription, CommSubscriptionChannelType, CommSubscriptionConsent, CommSubscriptionTiming, ConsumptionSchedule, Contact, ContactEncounter, ContactEncounterParticipant, ContentDocument, Contract, CoverageBenefit, CoverageBenefitItem, CredentialStuffingEventStore, CreditMemo, CreditMemoLine, Dashboard, DashboardComponent, DataStream, DelegatedAccount, DocumentChecklistItem, EngagementChannelType, EnhancedLetterhead, EnrollmentEligibilityCriteria, Event, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork, HealthcarePractitionerFacility, HealthcareProvider,</p>

Field	Details
	HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, Identifier, Image, IndividualApplication, Invoice, InvoiceLine, Lead, Location, MarketSegment, MarketSegmentActivation, MemberPlan, MessagingSession, MktCalculatedInsight, OperatingHours, Opportunity, Order, OrderItem, OtherComponentTask, PartyConsent, PersonEducation, PersonLanguage, PersonLifeEvent, PersonName, PlanBenefit, PlanBenefitItem, Product2, ProductFulfillmentLocation, ProductItem, ProductItemTransaction, ProductRequest, ProductRequestLineItem, ProductRequired, ProductTransfer, ProfileSkill, ProfileSkillEndorsement, ProfileSkillUser, ProviderSearchSyncLog, PurchaserPlan, PurchaserPlanAssn, ReceivedDocument, Report, ReportAnomalyEventStore, ResourceAbsence, ResourcePreference, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, ServiceResourceSkill, ServiceTerritory, ServiceTerritoryMember, ServiceTerritoryWorkType, SessionHijackingEventStore, Shift, Shipment, ShipmentItem, Site, SkillRequirement, SocialPost, Solution, Task, ThreatDetectionFeedback, Topic, User, Visit, VisitedParty, Visitor, VoiceCall, VolunteerProject, WorkBadgeDefinition, WorkOrder, WorkOrderLineItem, WorkType, WorkTypeGroup, WorkTypeGroupMember
SubscriberId	<p>Type reference</p> <p>Properties Create, Filter, Group, Sort</p> <p>Description Required. ID of the user who is following the record or user. This is a relationship field.</p> <p>Relationship Name Subscriber</p> <p>Relationship Type Lookup</p> <p>Refers To User</p>

Usage

Consider this when following records and users:

- Users can only follow records that they can see.
- Users can see which records other users are following, unless they don't have access to the records.
- Administrators and users with the "Modify All Data" permission can configure a user to follow records that the user has read access to.
- Administrators and users with the "Modify All Data" permission can configure users to stop following records.
- Following topics is available in API version 29.0 and later. For this reason, a topic ID is now a supported value for the `ParentId` field.
- If you deactivate a user, any EntitySubscription where the user is associated with the `ParentId` or `SubscriberId` field, meaning all subscriptions both to and from the user, are soft deleted. If the user is reactivated, the subscriptions are restored. However, if you

deactivate multiple users at once and these users follow each other, their subscriptions are hard deleted. In this case, the user-to-user EntitySubscription is deleted twice (double deleted). Such subscriptions can't be restored upon user reactivation.

When using `query()` with EntitySubscription,

- Note the following SOQL restriction. No SOQL limit if logged-in user has “View All Data” permission. If not, specify a LIMIT clause of 1,000 records or fewer.
- A query using a `WHERE` clause can only filter by fields on the EntitySubscription object.
- If user sharing is enabled and the querying user is not an administrator, a SOQL query must be constrained either by the `ParentId` or `SubscriberId`. Otherwise, the query behavior at run time is undefined, meaning the result set can be incomplete or inconsistent from invocation to invocation. For an unconstrained query, the sharing check limits imposed on a non-administrative user are likely to be exceeded before the query completes, because access checks are run against both parent and subject, for each row of the result set. We recommend using the Connect REST API to query EntitySubscription data instead of running a SOQL query.
- Users without the “View All Data” permission
 - Need read access on the object associated with the `ParentId` field to see which users are following records for the object.
 - Can use an `ORDER BY` clause in a query only to order by fields on the EntitySubscription object. For example, if the subscription relates to an Account record, the query can `ORDER BY ParentId`, but it can't `ORDER BY Account.Name`.
 - Don't always get all matching subscriptions when running a query. For these users, a query evaluates visibility criteria on a maximum of 500 records to reduce the prospect of long-running queries. If a user runs a query to see the CEO's subscriptions, it might scan a large number of records. The query only returns matches within the first 500 records scanned. It is possible that there are more subscriptions that are visible to the user, but they are not returned. To mitigate this, we recommend using a `WHERE` clause, if possible, to reduce the scope of the query.

Sample—SOQL

The following SOQL query returns subscriptions for all the accounts that a subscriber is following that have more than 10 employees:

```
SELECT Id
FROM EntitySubscription
WHERE SubscriberId = '005U00000000Rg2CIAS'
AND ParentId IN (
  SELECT Id FROM Account
  WHERE NumberOfEmployees > 10
)
LIMIT 200
```

SEE ALSO:

[Custom Object__Feed](#)

EnvironmentHubMember

Represents a member organization in the Environment Hub. This object is available in API version 29.0 and later.




Note: You can create only 20 member orgs per day. If you need to create additional orgs, log a support case in the [Salesforce Partner Community](#). For product, specify **Platform**. For topic, specify **AppExchange & Managed Packages**.

Supported Calls

`delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `undelete()`, `update()`

Fields

Field Name	Details
Description	Type textarea Properties Nillable, Update Description A brief description of this org.
DisplayName	Type string Properties Filter, Group, Nillable, Sort, Update Description The name that the user has specified for this member org.
EnvironmentHubId	Type reference Properties Filter, Group, Nillable, Sort, Update Description The Org ID of this member's Environment Hub org.
Instance	Type String Properties Filter, Group, Nillable, Sort Description Name of the instance where the Environment Hub member org resides.
IsFedIdSsoMatchAllowed	Type boolean Properties Defaulted on create, Filter, Group, Sort, Update Description Indicates if single sign-on (SSO) has been enabled based on matching the Federation ID. The default is <code>false</code> .

Field Name	Details
IsSandbox	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates if the member org is a sandbox (<code>true</code>) or not (<code>false</code>). This field is available in API version 36.0 and later.</p>
MemberEntity	<p>Type string</p> <p>Properties Filter, Group, idLookup, Sort</p> <p>Description The unique Org ID of the member org for this record.</p>
MemberType	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The type of member org for this record. Possible values include <code>Branch Org</code>, <code>Patch Org</code>, <code>Release Org</code>, <code>Sandbox Org</code>, <code>Trialforce Management Org</code>, and <code>Trialforce Source Org</code>.</p> <p> Note: Only one member type at a time is stored. Member type is determined according to this hierarchy: (1) Sandbox, (2) Release, (3) Trialforce Source Org (TSO), (4) Patch, (5) Branch, and (6) Trialforce Management Org (TMO). For example, if an org is both a sandbox and a TMO, the value of <code>MemberType</code> is <code>Sandbox Org</code>.</p>
Name	<p>Type string</p> <p>Properties Defaulted on create, Filter, idLookup, Sort</p> <p>Description The name of the member org for this record.</p>
OrgEdition	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The org's edition, for example, Enterprise Edition or Unlimited Edition.</p>

Field Name	Details
OrgStatus	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The licensing or creation status of this org. Possible values include <code>Active</code>, <code>Demo</code>, <code>Deleted</code>, <code>Free</code>, <code>Inactive</code>, and <code>Trial</code>.</p>
Origin	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description The method by which this org was added to the Environment Hub. Possible values are <code>autoDiscovered</code>, <code>userAdded</code>, and <code>provisioned</code>.</p>
SSOMappedUsers	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The total number of mapped users in this member org. This field is available in API version 36.0 and later.</p>
ServiceProviderId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort, Update</p> <p>Description The ID of the service provider for this member org. This field is available in API version 36.0 and later.</p>
ShouldAddRelatedOrgs	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Status of the connection of related orgs to the hub. Possible values are <code>done</code>, <code>notRequested</code>, <code>pending</code>, and <code>requested</code>.</p>
ShouldEnableSSO	<p>Type boolean</p>

Field Name	Details
	Properties Defaulted on create, Filter, Group, Sort, Update Description If SSO should be enabled when this member org is added. The default is <code>false</code> .
<code>SsoStatus</code>	Type picklist Properties Defaulted on create, Filter, Group, Sort, Update Description If SSO has been enabled for this org. Possible values are: <ul style="list-style-type: none"> • <code>Enabled</code>—Single sign-on is enabled. • <code>Disabled</code>—Single sign-on is disabled. • <code>Pending</code>—Single sign-on is in the process of being enabled. • <code>Failed</code>—Single sign-on enablement failed. Contact Salesforce support for assistance.
<code>SsoUsernameFormula</code>	Type string Properties Filter, Group, Nillable, Sort, Update Description The custom formula for matching users in the hub and member orgs.

Usage

Use this object to access and modify settings of member orgs in the Environment Hub.

Event

Represents an event in the calendar. In the user interface, event and task records are collectively referred to as activities.



Important: Where possible, we changed noninclusive terms to align with our company value of Equality. We maintained certain terms to avoid any effect on customer implementations.



Note:


- An `EventRelation` object can't be related to a child event, and child events don't include the invitee related list.
- `query()`, `delete()`, and `update()` aren't allowed with events related to more than one contact in API versions 25.0 and earlier.
- `create()` and `update()` aren't available for read-only fields on Lightning Experience event series.

- `upsert()` and `undelele()` aren't supported for syncing changes made to events through the API using the feature Lightning Sync.


Supported Calls

`create()`, `delete()`, `describeLayout()`, `describeSObjects()`, `getDeleted()`, `getUpdated()`, `query()`, `retrieve()`, `search()`, `undelele()`, `update()`, `upsert()`


Fields

Field	Details
AcceptedEventInviteeIds	<p>Type JunctionIdList</p> <p>Properties Create, Update</p> <p>Description A string array of contact or lead IDs who accepted this event. This <code>JunctionIdList</code> is linked to the <code>AcceptedEventRelation</code> child relationship.</p> <p> Warning: Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
AccountId	<p>Type reference</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Represents the ID of the related account. The <code>AccountId</code> is determined as follows.</p> <p>If the value of <code>whatId</code> is any of the following objects, then Salesforce uses that object's <code>AccountId</code>.</p> <ul style="list-style-type: none"> • Account • Opportunity • Contract • Custom object that's a child of Account <p>If the value of the <code>whatId</code> field is any other object, and the value of the <code>whoId</code> field is a contact object, then Salesforce uses that contact's <code>AccountId</code>. If your org uses Shared Activities, Salesforce uses the <code>AccountId</code> of the primary contact.</p> <p>Otherwise, Salesforce sets the value of the <code>AccountId</code> field to <code>null</code>.</p> <p>For information on IDs, see ID Field Type.</p> <p>This is a relationship field.</p> <p>Relationship Name Account</p>

Field	Details
	<p>Relationship Type Lookup</p> <p>Refers To Account</p>
ActivityDate	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Contains the event's due date if the <code>IsAllDayEvent</code> flag is set to <code>true</code>. This field is a date field with a timestamp that's always set to midnight in the Coordinated Universal Time (UTC) time zone. Don't attempt to alter the timestamp to account for time zone differences. Label is Due Date Only.</p> <p>This field is required in API versions 12.0 and earlier if the <code>IsAllDayEvent</code> flag is set to <code>true</code>.</p> <p>The value for this field and <code>StartDateTime</code> must match, or one of them must be <code>null</code>.</p>
ActivityDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Contains the event's due date if the <code>IsAllDayEvent</code> flag is set to <code>false</code>. The time portion of this field is always transferred in the Coordinated Universal Time (UTC) time zone. Translate the time portion to or from a local time zone for the user or the application, as appropriate. Label is Due Date Time.</p> <p>This field is required in API versions 12.0 and earlier if the <code>IsAllDayEvent</code> flag is set to <code>false</code>.</p> <p>The value for this field and <code>StartDateTime</code> must match, or one of them must be <code>null</code>.</p>
ClientGuid	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description The client globally unique identifier identifies the external API client used to create the event. Label is Client GUID.</p>
CurrencyIsoCode	<p>Type picklist</p>

Field	Details
	<p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Available only for orgs with the multicurrency feature enabled. Contains the ISO code for any currency allowed by the organization.</p>
DeclinedEventInviteeIds	<p>Type JunctionIdList</p> <p>Properties Create, Update</p> <p>Description A string array of contact, lead, or user IDs who declined this event. This <code>JunctionIdList</code> is linked to the <code>DeclinedEventRelation</code> child relationship.</p> <p> Warning: Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
Description	<p>Type textarea</p> <p>Properties Create, Nillable, Update</p> <p>Description Contains a text description of the event. Limit: 32,000 characters.</p>
Division	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Restricted picklist, Sort</p> <p>Description A logical segment of your organization's data. For example, if your company is organized into different business units, you could create a division for each business unit, such as "North America," "Healthcare," or "Consulting." Available only if the organization has the Division permission enabled.</p>
DurationInMinutes	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Contains the event length, in minutes. Even though this field represents a temporal value, it's an integer type—not a Date/Time type.</p> <p>Required in API versions 12.0 and earlier if <code>IsAllDayEvent</code> is false.</p>

Field	Details
	<p>In API versions 13.0 and later, this field is optional, depending on the following:</p> <ul style="list-style-type: none"> • If <code>IsAllDayEvent</code> is true, you can supply a value for either <code>DurationInMinutes</code> or <code>EndTime</code>. Supplying values in both fields is allowed if the values add up to the same amount of time. If both fields are <code>null</code>, the duration defaults to one day. • If <code>IsAllDayEvent</code> is false, a value must be supplied for either <code>DurationInMinutes</code> or <code>EndTime</code>. Supplying values in both fields is allowed if the values add up to the same amount of time. <p>If the multiday event feature is enabled, then API versions 13.0 and later support values greater than 1440 for the <code>DurationInMinutes</code> field. API versions 12.0 and earlier can't access event objects whose <code>DurationInMinutes</code> is greater than 1440. For more information, see Multiday Events.</p> <p>Depending on your API version, errors with the <code>DurationInMinutes</code> and <code>EndTime</code> fields may appear in different places.</p> <ul style="list-style-type: none"> • Versions 38.0 and before—Errors always appear in the <code>DurationInMinutes</code> field. • Versions 39.0 and later—If there's no value for the <code>DurationInMinutes</code> field, errors appear in the <code>EndTime</code> field. Otherwise, they appear in the <code>DurationInMinutes</code> field.
EndDate	<p>Type date</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Read-only. Available in API versions 46.0 and later. This field supplies the date value that appears in the <code>EndTime</code> field. This field is a date field with a timestamp that is always set to midnight in the Coordinated Universal Time (UTC) time zone.</p>
EndTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Available in API versions 13.0 and later. The time portion of this field is always transferred in the Coordinated Universal Time (UTC) time zone. Translate the time portion to or from a local time zone for the user or the application, as appropriate.</p> <p>This field is optional, depending on the following:</p> <ul style="list-style-type: none"> • If <code>IsAllDayEvent</code> is true, you can supply a value for either <code>DurationInMinutes</code> or <code>EndTime</code>. Supplying values in both fields is allowed if the values add up to the same amount of time. If both fields are <code>null</code>, the duration defaults to one day. • If <code>IsAllDayEvent</code> is false, a value must be supplied for either <code>DurationInMinutes</code> or <code>EndTime</code>. Supplying values in both fields is allowed if the values add up to the same amount of time.

Field	Details
	<p>Depending on your API version, errors with the <code>DurationInMinutes</code> and <code>EndTime</code> fields may appear in different places.</p> <ul style="list-style-type: none"> Versions 38.0 and before—Errors always appear in the <code>DurationInMinutes</code> field. Versions 39.0 and later—If there's no value for the <code>DurationInMinutes</code> field, errors appear in the <code>EndTime</code> field. Otherwise, they appear in the <code>DurationInMinutes</code> field.
EventSubtype	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Provides standard subtypes to facilitate creating and searching for events. This field isn't updateable.</p>
EventWhoIds	<p>Type JunctionIdList</p> <p>Properties Create, Update</p> <p>Description A string array of contact or lead IDs used to create many-to-many relationships with a shared event. <code>EventWhoIds</code> is available when the shared activities setting is enabled. The first contact or lead ID in the list becomes the primary <code>WhoId</code> if you don't specify a primary <code>WhoId</code>. If you set the <code>EventWhoIds</code> field to null, all entries in the list are deleted and the value of <code>WhoId</code> is added as the first entry.</p> <p> Warning: Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>
GroupEventType	<p>Type picklist</p> <p>Properties Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description Read-only. Available in API versions 19.0 and later. The possible values are:</p> <ul style="list-style-type: none"> 0 (Non-group event)—An event with no invitees. 1 (Group event)—An event with invitees. 2 (Proposed event)—An event created when a user requests a meeting with a contact, lead, or person account using the Salesforce user interface. When the user confirms the meeting, the proposed event becomes a group event. You can't create, edit, or delete proposed events in the API. This value is no longer used in API version 41.0 and later.

Field	Details
	<ul style="list-style-type: none"> 3 (IsRecurrence2 Series Pattern)—An event representing an event series recurrence pattern in Lightning Experience.
IsAllDayEvent	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether the <code>ActivityDate</code> field (<code>true</code>) or the <code>ActivityDateTime</code> field (<code>false</code>) is used to define the date or time of the event. Label is All-Day Event. See also DurationInMinutes and EndDateTime.</p>
IsArchived	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the event has been archived.</p>
IsChild	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the event is a child of another event (<code>true</code>) or not (<code>false</code>). For a child event, you can update <code>IsReminderSet</code> and <code>ReminderDateTime</code> only. You can query and delete a child event. If the objects related to the child event are different from those objects related to the parent event (this difference is possible if you use API version 25.0 or earlier) and one of the objects related to the child event is deleted, the objects related to the parent event are updated to ensure data integrity.</p>
IsClientManaged	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the event is managed by an external client. If the value of this field is false, the event isn't owned or managed by an external client, and Salesforce can be used to update it. If the value is true, Salesforce can be used to change only noncritical fields on the event. Label is Is Client Managed.</p>
IsGroupEvent	<p>Type boolean</p>

Field	Details
	<p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether the event is a group event—that is, whether it has invitees (<code>true</code>) or not (<code>false</code>).</p>
IsPrivate	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Indicates whether users other than the creator of the event can (<code>false</code>) or can't (<code>true</code>) see the event details when viewing the event user's calendar. However, users with the View All Data or Modify All Data permission can see private events in reports and searches, or when viewing other users' calendars. Private events can't be associated with opportunities, accounts, cases, campaigns, contracts, leads, or contacts. Label is Private.</p>
IsRecurrence	<p>Type boolean</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort</p> <p>Description Indicates whether a Salesforce Classic event is scheduled to repeat itself (<code>true</code>) or only occurs one time (<code>false</code>). This field is read-only when updating records, but not when creating them. If this field value is <code>true</code>, then <code>RecurrenceEndDateOnly</code>, <code>RecurrenceStartDateTime</code>, <code>RecurrenceType</code>, and any recurrence fields associated with the given recurrence type must be populated. Label is Create recurring series of events.</p>
IsRecurrence2	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p> <p>Description Read-only. This field is available in API version 44.0 and later. Indicates whether a Lightning Experience event is scheduled to repeat (<code>true</code>) or only occurs one time (<code>false</code>). If this field value is <code>true</code>, then <code>Recurrence2PatternText</code> and <code>Recurrence2PatternVersion</code> must be populated. Label is Repeat.</p>
IsRecurrence2Exception	<p>Type boolean</p> <p>Properties Defaulted on create, Filter, Group, Sort</p>


Field	Details
	<p>Description</p> <p>Read-only. This field is available in API version 44.0 and later. Indicates whether an individual event in a Lightning Experience event series has a recurrence pattern that's different from the rest of the series, making it an exception.</p>
IsRecurrence2Exclusion	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Defaulted on create, Filter, Group, Sort</p> <p>Description</p> <p>Read-only. This field is available in API version 44.0 and later. Indicates when updates to a Lightning Experience event series recurrence pattern have been made, but affect future event occurrences only. For past event occurrences, <code>IsRecurrence2Exclusion</code> is set to <code>true</code>, excluding past occurrences from the series recurrence pattern.</p>
IsReminderSet	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether the activity is a reminder (<code>true</code>) or not (<code>false</code>).</p>
IsVisibleInSelfService	<p>Type</p> <p>boolean</p> <p>Properties</p> <p>Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description</p> <p>Indicates whether an event associated with an object can be viewed in the Customer Portal (<code>true</code>) or not (<code>false</code>). If your org has enabled digital experiences, events marked <code>IsVisibleInSelfService</code> are visible to any external user in the Experience Cloud site, as long as the user has access to the record the event was created on. This field is available when</p> <ul style="list-style-type: none"> Customer Portal or partner portal is enabled <p>OR</p> <ul style="list-style-type: none"> Digital experiences is enabled and you have Customer Portal or partner portal licenses
Location	<p>Type</p> <p>string</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Contains the location of the event.</p>

Field	Details
OwnerId	<p>Type reference</p> <p>Properties Create, Defaulted on create, Filter, Group, Sort, Update</p> <p>Description Contains the ID of the user or public calendar who owns the event. Label is Assigned to ID. This is a polymorphic relationship field.</p> <p>Relationship Name Owner</p> <p>Relationship Type Lookup</p> <p>Refers To Calendar, User</p>
Recurrence2PatternStartDate	<p>Type dateTime</p> <p>Properties Filter, Nillable, Sort</p> <p>Description Read-only. This field is available in API version 44.0 and later. Indicates the date and time when the Lightning Experience event series begins. The time portion of this field is always transferred in the Coordinated Universal Time (UTC) time zone. Translate the time portion to or from a local time zone for the user or the application, as appropriate.</p>
Recurrence2PatternText	<p>Type textarea</p> <p>Properties Create, Nillable</p> <p>Description The RRULE that describes the recurrence pattern for Lightning Experience event series. Supports a subset of the RFC 5545 standard for internet calendaring and scheduling. See the Event Series section in this topic for usage examples. This field has a maximum length of 512 characters. This field is available in API version 44.0 and later, and has the <code>Create</code> property in API version 52.0 and later.</p>
Recurrence2PatternTimeZone	<p>Type string</p> <p>Properties Filter, Group, Nillable, Sort</p>

Field	Details
	<p>Description</p> <p>This field is available in API version 44.0 and later. Indicates the time zone in which the Lightning Experience event series was created or updated. This field uses standard Java TimeZone IDs. For example, America/Los_Angeles.</p>
Recurrence2PatternVersion	<p>Type</p> <p>picklist</p> <p>Properties</p> <p>Filter, Group, Nillable, Restricted picklist, Sort,</p> <p>Description</p> <p>Read-only. This field is available in API version 44.0 and later. Indicates the standard specifications for Lightning Experience event series recurrence patterns. The only possible value is 1 (RFC 5545 v4 RRULE)—RFC 5545 is a standard set of specifications for internet calendaring and scheduling that <code>IsRecurrence2</code> adheres to for series recurrence patterns. RFC 5545 specifications for series recurrence patterns are called RRULES. For examples of RRULE usage, see the Lightning Experience Event Series and Recurring Events section in this topic.</p>
RecurrenceActivityId	<p>Type</p> <p>reference</p> <p>Properties</p> <p>Filter, Group, Nillable, Sort</p> <p>Description</p> <p>Read-only. Not required on create. Contains the ID of the main record of the Salesforce Classic recurring event. Subsequent occurrences have the same value in this field.</p>
RecurrenceDayOfMonth	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Indicates the day of the month on which the event repeats.</p>
RecurrenceDayOfWeekMask	<p>Type</p> <p>int</p> <p>Properties</p> <p>Create, Filter, Group, Nillable, Sort, Update</p> <p>Description</p> <p>Indicates the day or days of the week on which the Salesforce Classic recurring event repeats. This field contains a bitmask. The values are as follows:</p> <ul style="list-style-type: none"> • Sunday = 1 • Monday = 2

Field	Details
	<ul style="list-style-type: none"> Tuesday = 4 Wednesday = 8 Thursday = 16 Friday = 32 Saturday = 64 <p>Multiple days are represented as the sum of their numerical values. For example, Tuesday and Thursday = 4 + 16 = 20.</p>
RecurrenceEndDateOnly	<p>Type date</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Indicates the last date on which the event repeats. For multiday Salesforce Classic recurring events, this date is the day on which the last occurrence starts. This field is a date field with a timestamp that is always set to midnight in the Coordinated Universal Time (UTC) time zone. Don't attempt to alter the timestamp to account for time zone differences.</p>
RecurrenceInstance	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates the frequency of the Salesforce Classic event's recurrence. For example, 2nd or 3rd.</p>
RecurrenceInterval	<p>Type int</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Indicates the interval between Salesforce Classic recurring events.</p>
RecurrenceMonthOfYear	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates the month in which the Salesforce Classic recurring event repeats.</p>
RecurrenceStartDateTime	<p>Type dateTime</p>

Field	Details
	<p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Indicates the date and time when the Salesforce Classic recurring event begins. The value must precede the <code>RecurrenceEndDateOnly</code>. The time portion of this field is always transferred in the Coordinated Universal Time (UTC) time zone. Translate the time portion to or from a local time zone for the user or the application, as appropriate.</p>
<code>RecurrenceTimeZoneSidKey</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates the time zone associated with a Salesforce Classic recurring event. For example, "UTC-8:00" for Pacific Standard Time.</p>
<code>RecurrenceType</code>	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates how often the Salesforce Classic event repeats. For example, daily, weekly, or every nth month (where "nth" is defined in <code>RecurrenceInstance</code>).</p>
<code>ReminderDateTime</code>	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Represents the time when the reminder is scheduled to fire, if <code>IsReminderSet</code> is set to <code>true</code>. If <code>IsReminderSet</code> is set to <code>false</code>, then the user may have deselected the reminder checkbox in the Salesforce user interface, or the reminder has already fired at the time indicated by the value.</p>
<code>ShowAs</code>	<p>Type picklist</p> <p>Properties Create, Defaulted on create, Filter, Group, Nillable, Restricted picklist, Sort, Update</p> <p>Description Indicates how this event appears when another user views the calendar: Busy, Out of Office, or Free. Label is Show Time As.</p>

Field	Details
StartDateTime	<p>Type dateTime</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description Indicates the start date and time of the event. Available in versions 13.0 and later.</p> <p>If the Event <code>IsAllDayEvent</code> flag is set to true (indicating that it's an all-day Event), then the event start date information is contained in the <code>StartDateTime</code> field. The time portion of this field is always transferred in the Coordinated Universal Time (UTC) time zone. Translate the time portion to or from a local time zone for the user or the application, as appropriate.</p> <p>If the Event <code>IsAllDayEvent</code> flag is set to false (indicating that it isn't an all-day event), then the event start date information is contained in the <code>StartDateTime</code> field. The time portion is always transferred in the Coordinated Universal Time (UTC) time zone. You need to translate the time portion to or from a local time zone for the user or the application, as appropriate.</p> <p>If this field has a value, then <code>ActivityDate</code> and <code>ActivityDateTime</code> must either be <code>null</code> or match the value of this field.</p>
Subject	<p>Type combobox</p> <p>Properties Create, Filter, Nillable, Sort, Update</p> <p>Description The subject line of the event, such as Call, Email, or Meeting. Limit: 255 characters.</p>
Type	<p>Type picklist</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description Indicates the event type, such as Call, Email, or Meeting.</p>
UndecidedEventInviteeIds	<p>Type JunctionIdList</p> <p>Properties Create, Update</p> <p>Description A string array of contact, lead, or user IDs who are undecided about this event. This <code>JunctionIdList</code> is linked to the <code>UndecidedEventRelation</code> child relationship.</p> <p> Warning: Adding a <code>JunctionIdList</code> field name to the <code>fieldsToNull</code> property deletes all related junction records. This action can't be undone.</p>

Field	Details
WhatCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Available if your organization has enabled Shared Activities. Represents the count of related EventRelations pertaining to the <code>WhatId</code>. The count of the <code>WhatId</code> must be 1 or less.</p>
WhatId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The <code>WhatId</code> represents nonhuman objects such as accounts, opportunities, campaigns, cases, or custom objects. <code>WhatIds</code> are polymorphic. Polymorphic means a <code>WhatId</code> is equivalent to the ID of a related object. The label is <code>Related To ID</code>. This is a polymorphic relationship field.</p> <p>Relationship Name What</p> <p>Relationship Type Lookup</p> <p>Refers To Account, Accreditation, AssessmentIndicatorDefinition, AssessmentTask, AssessmentTaskContentDocument, AssessmentTaskDefinition, AssessmentTaskOrder, Asset, AssetRelationship, AssignedResource, Award, BoardCertification, BusinessLicense, BusinessMilestone, BusinessProfile, Campaign, CareBarrier, CareBarrierDeterminant, CareBarrierType, CareDeterminant, CareDeterminantType, CareDiagnosis, CareInterventionType, CareMetricTarget, CareObservation, CareObservationComponent, CarePgmProvHealthcareProvider, CarePreauth, CarePreauthItem, CareProgram, CareProgramCampaign, CareProgramEligibilityRule, CareProgramEnrollee, CareProgramEnrolleeProduct, CareProgramEnrollmentCard, CareProgramGoal, CareProgramProduct, CareProgramProvider, CareProgramTeamMember, CareProviderAdverseAction, CareProviderFacilitySpecialty, CareProviderSearchableField, CareRegisteredDevice, CareRequest, CareRequestDrug, CareRequestExtension, CareRequestItem, CareSpecialty, CareSpecialtyTaxonomy, CareTaxonomy, Case, CommSubscriptionConsent, ContactEncounter, ContactEncounterParticipant, ContactRequest, Contract, CoverageBenefit, CoverageBenefitItem, CreditMemo, DelegatedAccount, DocumentChecklistItem, EnrollmentEligibilityCriteria, HealthcareFacility, HealthcareFacilityNetwork, HealthcarePayerNetwork, HealthcarePractitionerFacility, HealthcareProvider, HealthcareProviderNpi, HealthcareProviderSpecialty, HealthcareProviderTaxonomy, IdentityDocument, Image, IndividualApplication, Invoice, ListEmail, Location, MemberPlan, Opportunity, Order, OtherComponentTask, PartyConsent, PersonLifeEvent, PlanBenefit, PlanBenefitItem, ProcessException, Product2, ProductItem, ProductRequest, ProductRequestLineItem, ProductTransfer, PurchaserPlan,</p>

Field	Details
	ReceivedDocument, ResourceAbsence, ReturnOrder, ReturnOrderLineItem, ServiceAppointment, ServiceResource, Shift, Shipment, ShipmentItem, Solution, Visit, VisitedParty, VolunteerProject, WorkOrder, WorkOrderLineItem
WhoCount	<p>Type int</p> <p>Properties Filter, Group, Nillable, Sort</p> <p>Description Available to organizations that have Shared Activities enabled. Represents the count of related EventRelations pertaining to the <code>WhoId</code>.</p>
WhoId	<p>Type reference</p> <p>Properties Create, Filter, Group, Nillable, Sort, Update</p> <p>Description The Whold represents a human such as a lead or a contact. Wholds are polymorphic. Polymorphic means a Whold is equivalent to a contact's ID or a lead's ID. The label is <code>Name ID</code>. If Shared Activities is enabled, the value of this field is the ID of the related lead or primary contact. If you add, update, or remove the Whold field, you might encounter problems with triggers, workflows, and data validation rules that are associated with the record. The label is <code>Name ID</code>. If the <code>JunctionIdList</code> field is used, all <code>WhoIds</code> are included in the relationship list. Beginning in API version 37.0, if the contact or lead ID in the <code>WhoId</code> field isn't in the <code>EventWhoIds</code> list, no error occurs and the ID is added to the <code>EventWhoIds</code> as the primary <code>WhoId</code>. If <code>WhoId</code> is set to null, an arbitrary ID from the existing <code>EventWhoIds</code> list is promoted to the primary position. This is a polymorphic relationship field.</p> <p>Relationship Name Who</p> <p>Relationship Type Lookup</p> <p>Refers To Contact, Lead</p>

Usage

Use Event to manage calendar appointments.

Querying and Filtering Events

Queries on events are denied before they time out if they involve amounts of data that are deemed too large. In such cases, the exception code `OPERATION_TOO_LARGE` is returned. If you receive `OPERATION_TOO_LARGE`, refactor your query to return or scan a smaller amount of data.

When querying for events with a specific due date, you must filter on both the `ActivityDateTime` and `ActivityDate` fields. For example to find all events with a due date of February 14, 2003, you need two filters:

- One filter with the `ActivityDate` field equal to the Coordinated Universal Time (UTC) time zone on February 14, 2003.
- One filter with the `ActivityDate` field greater than or equal to midnight on February 14, 2003 in the user's local time zone AND less than or equal to midnight on February 15, 2003 in the user's local time zone.

Alternatively, in API version 13.0 and later, you can find events with a specific due date by filtering on `StartDateTime`. For example, to find all events with a due date of February 14, 2003, filter with the `StartDateTime` greater than or equal to midnight on February 14, 2003 in the user's local time zone AND less than or equal to midnight on February 15, 2003 in the user's local time zone.

The `EventId` field of an `EventRelation` object always points to the master record. An invitee on a group event can query the `EventRelation` object to view the master record.

Multiday Events

- Multiday events are available in API version 13.0 and later. Also, in earlier versions SOQL queries don't return multiday events.
- Multiday events are enabled through the user interface from Setup by entering *Activity Settings* in the *Quick Find* box, then selecting **Activity Settings**.
- If the multiday event feature is enabled, then API versions 13.0 and later support values greater than 1440 for the `DurationInMinutes` field. API versions 12.0 and earlier can't access event objects whose `DurationInMinutes` is greater than 1440.
- Multiday events can't exceed 14 days.

Event Series and Recurring Events

In Lightning Experience, events with multiple occurrences are called event series, and are indicated when the `IsRecurrence2` field is set to `true`. In Salesforce Classic, events with multiple occurrences are called recurring events, and are indicated when the `IsRecurrence` field is set to `true`. Both fields can't be set to true for the same event.

- Lightning Experience event series are available in API version 44.0 and later as read-only fields. Recurrence patterns, specified by the `Recurrence2PatternText` field, are creatable in API version 52.0 and later. Salesforce Classic recurring events are available in API version 7.0 and later. In earlier versions, SOQL queries don't return any Lightning Experience event series.
- After an event is created, you can't change the values of `IsRecurrence2` or `IsRecurrence` from `true` to `false` or vice versa.
- You can't set fields associated with `IsRecurrence2` for events where `IsRecurrence` is set to `true`, or vice versa.
- For Lightning Experience event series where `IsRecurrence2` is `true`, if you'd like to delete a single or all remaining events, use the REST API call. For Salesforce Classic recurring events where `IsRecurrence` is `true`, all past and future events in the series are removed when you delete the recurring event series through the API. However, when you delete the recurring event series through the user interface, only future occurrences are removed.
- For Lightning Experience event series in API version 58.0 and later, when you change a future event, events in the entire series also change. When you change a past event, `IsRecurrence2Exception` is set to `true` and only that past event changes.
- When creating a Salesforce Classic recurring event series, the duration of the event must be 24 hours or less. When the Salesforce Classic recurring event series is created, you can extend the length of individual occurrences beyond 24 hours if Multiday events are enabled; see **Multiday Events**.
- For Salesforce Classic recurring events, `RecurrenceStartDateTime`, `RecurrenceEndDateOnly`, `RecurrenceType`, and any properties associated with the given recurrence type (see the Recurrence Field Usage for Salesforce Classic Recurring Events table) must be populated.

- When updating a Salesforce Classic recurring event series, it's not possible to update the `EventRelation` for the event series object and the `EventRelation` for the series object occurrences at the same time.
- Lightning Experience event series have no series ID, so it's not possible to locate other occurrences in the series. In Salesforce Classic recurring events, you can use `RecurrenceActivityId` to locate other occurrences.
- For both Lightning Experience event series and Salesforce Classic recurring events, when a series repeats every day, month, or year, you can only schedule occurrences one time per day, month, or year. The week option lets you schedule occurrences multiple days per week.

[Limits for Lightning Experience event series](#) and [limits for Salesforce Classic recurring events](#) also apply.

Lightning Experience Event Series and Recurring Events

Use the `Recurrence2PatternText` field to specify the recurrence pattern for Lightning Experience event series. These recurrence patterns, called reference rules or RRULES, support a subset of the RFC 5545 standards. This table includes common RRULE examples.

Recurrence Pattern	RRULE Example
Every day for five days	<code>RRULE:FREQ=DAILY;INTERVAL=1;COUNT=5</code>
Every Monday, Tuesday, Wednesday, Thursday, and Friday with no end date	<code>RRULE:FREQ=WEEKLY;INTERVAL=1;BYDAY=MO,TU,WE,TH,FR</code>
Every two weeks on Monday and Friday for 10 occurrences	<code>RRULE:FREQ=WEEKLY;INTERVAL=2;BYDAY=MO,FR;COUNT=10</code>
Monthly on the first day of the month until January 1, 2020	<code>RRULE:FREQ=MONTHLY;INTERVAL=1;BYMONTHDAY=1;UNTIL=20200101T100000Z</code>
Yearly on July 4th for three years (in this example, specify the date using <code>StartDateTime</code>)	<code>RRULE:FREQ=YEARLY;INTERVAL=1;BYMONTH=7;BYMONTHDAY=4;COUNT=3</code>
Daily until January 1, 2022 with no end date	<code>RRULE:FREQ=DAILY;UNTIL=20220101T000000Z</code>
Every third Friday of the month with no end date	<code>RRULE:FREQ=MONTHLY;BYSETPOS=3;BYDAY=FR</code>

The RRULE defined by `Recurrence2PatternText` supports a subset of the RFC 5545 standard for internet calendaring and scheduling. Supported RRULE parts include `FREQ`, `BYMONTH`, `BYMONTHDAY`, `BYDAY`, `WKST`, `BYSETPOS`, `INTERVAL`, `UNTIL`, and `COUNT`.

When the event record is saved, the RRULE might be modified to follow the required format:

- The RRULE parts are placed in the following order: `FREQ`, `BYMONTH`, `BYMONTHDAY`, `BYDAY`, `WKST`, `BYSETPOS`, `INTERVAL`, `UNTIL`, and `COUNT`.
- Any missing default values are inserted. For example, if the RRULE doesn't include `INTERVAL`, then `INTERVAL=1` is added.
- The RRULE is prefaced with `RRULE:` if that preface is missing.

RRULE Part	Supported RFC 5545 Implementation
<code>FREQ</code>	<p>Required. Indicates the type of recurrence rule. Allowed values are:</p> <ul style="list-style-type: none"> • <code>DAILY</code>—supported parts include <code>FREQ</code>, <code>INTERVAL</code>, <code>UNTIL</code>, and <code>COUNT</code>. • <code>WEEKLY</code>—supported parts include <code>INTERVAL</code>, <code>UNTIL</code>, <code>COUNT</code>, <code>BYDAY</code>, and <code>WKST</code>. <code>BYDAY</code> is required, but can't be preceded by a number. <p>For example, to indicate weekly on Tuesday and Thursday until September 1, 2023, use <code>RRULE:FREQ=WEEKLY;UNTIL=20230901T000000Z;BYDAY=TU,TH</code></p> <ul style="list-style-type: none"> • <code>MONTHLY</code>—supported patterns include:

RRULE Part	Supported RFC 5545 Implementation
	<ul style="list-style-type: none"> – BYMONTHDAY For example, to indicate monthly on the third day of the month use: <code>RRULE:FREQ=MONTHLY;BYMONTHDAY=3</code> – BYDAY and BYSETPOS For example, to indicate the last weekday of the month, use <code>RRULE:FREQ=MONTHLY;BYDAY=MO,TU,WE,TH,FR;BYSETPOS=-1</code> – BYDAY, where the BYDAY values are specified with a numeric value For example, to indicate monthly on the first Friday for 10 occurrences, use <code>RRULE:FREQ=MONTHLY;COUNT=10;BYDAY=1FR</code> • YEARLY—supported patterns include: <ul style="list-style-type: none"> – BYMONTH, BYDAY, and BYSETPOS For example, to indicate every year on the second Friday of January, use <code>RRULE:FREQ=YEARLY;BYMONTH=1;BYDAY=FR;BYSETPOS=2</code> – BYMONTH and BYMONTHDAY For example, to indicate every year on October 31, use <code>RRULE:FREQ=YEARLY;BYMONTH=10;BYMONTHDAY=31</code> For example, to create a maintenance pattern such as twice in May, and September on 7th and 15th; and one time in June/July/August on the 1st, use two RRULEs: <code>RRULE:FREQ=MONTHLY;BYMONTH=5,9;BYMONTHDAY=7,15</code> <code>RRULE:FREQ=MONTHLY;BYMONTH=6,7,8;BYMONTHDAY=1</code>
BYMONTH	The month. Valid values are 1 to 12.
BYMONTHDAY	The day of the month. Valid values are 1 to 31. If BYMONTHDAY is 31 and the month has fewer than 31 days, the event is created on the last day of the month.
BYDAY	<p>A comma-separated list of days of the week. Valid values are SU, MO, TU, WE, TH, FR, SA. For RRULES with yearly or monthly frequency, BYDAY must be one of:</p> <ul style="list-style-type: none"> • a single day • weekend days • weekdays • every day of the week <p>Each BYDAY value can be preceded by an integer that indicates the nth occurrence of a specific day within the monthly or yearly RRULE. Allowed values are -1, 1, 2, 3, and 4. You can't use different numbers in the BYDAY values. For example, this RRULE isn't supported: <code>RRULE:FREQ=MONTHLY;INTERVAL=2;COUNT=10;BYDAY=1SU,-1SU</code> If BYDAY values are prefaced with a number, the RRULE can't include BYSETPOS.</p>
WKST	Specifies the day on which the workweek starts. Valid values are MO, TU, WE, TH, FR, SA, and SU. Default value is based on the user's locale.

RRULE Part	Supported RFC 5545 Implementation
BYSETPOS	<p>A comma-separated list of values that correspond to the nth occurrence within the set of recurrence instances specified by the rule. Valid values are -1, 1, 2, 3, or 4. Default value is 1.</p> <p>For example, to indicate the last weekday of the month, use: RRULE:FREQ=MONTHLY;BYDAY=MO,TU,WE,TH,FR;BYSETPOS=-1</p>
INTERVAL	<p>The repetition interval. Valid values are:</p> <ul style="list-style-type: none"> an integer between 1 and 999 if FREQ=DAILY an integer between 1 and 99 if FREQ=WEEKLY or FREQ=MONTHLY 1 if FREQ=YEARLY <p>Default value is 1.</p>
UNTIL	<p>Specifies the datetime in UTC format when the recurrence rule stops. The supported format is yyyyMMddTHH:mm:ssZ, for example: 20210419T083000Z.</p> <p>An RRULE can't contain both UNTIL and COUNT. A recurring event without either UNTIL or COUNT repeats indefinitely.</p>
COUNT	<p>The number of occurrences. Allowed values are 1 to 999.</p> <p>An RRULE can't contain both UNTIL and COUNT. A recurring event without either UNTIL or COUNT repeats indefinitely.</p>
BYWEEKNO	<p>Specifies a comma-separated list of values that specify weeks of the year. Valid values are:</p> <ul style="list-style-type: none"> 1 to 53 -53 to -1 <p>For example, to indicate specific weeks in a year, use: RRULE:BYWEEKNO=20,-20.</p> <p>This rule part can't be used when the FREQ rule part is set to anything other than YEARLY. For example, 3 represents the third week of the year.</p> <p>Note: Assuming a Monday week start, week 53 can only occur when Thursday is January 1 or if it's a leap year and Wednesday is January 1.</p>
BYYEARDAY	<p>Specifies a comma-separated list of values that specify days of the year. Valid values are:</p> <ul style="list-style-type: none"> 1 to 366 -366 to -1 <p>For example, to indicate specific days in a year, use: RRULE:BYYEARDAY=1,100,200; or, RRULE:BYYEARDAY=1,-2.</p>

Salesforce Classic Event Series and Recurring Events

This table describes the usage of recurrence fields for Salesforce Classic recurring events. Each recurrence type must have all of its properties set. All unused properties must be set to null.

RecurrenceType Value	Properties	Example Pattern
RecursDaily	RecurrenceInterval	Every second day

RecurrenceType Value	Properties	Example Pattern
RecursEveryWeekday	RecurrenceDayOfWeekMask	Every weekday - can't be Saturday or Sunday
RecursMonthly	RecurrenceDayOfMonth RecurrenceInterval	Every second month, on the third day of the month
RecursMonthlyNth	RecurrenceInterval RecurrenceInstance RecurrenceDayOfWeekMask	Every second month, on the last Friday of the month
RecursWeekly	RecurrenceInterval RecurrenceDayOfWeekMask	Every three weeks on Wednesday and Friday
RecursYearly	RecurrenceDayOfMonth RecurrenceMonthOfYear	Every March on the 26th day of the month
RecursYearlyNth	RecurrenceDayOfWeekMask RecurrenceInstanceRecurrenceMonthOfYear	The first Saturday in every October

Attendees, Invitees, and Resources

The field `GroupEventType` indicates that event participants are included on an event. You can add a resource to an event only when the resource is available. The only attendance status that can be assigned to resources is Accepted. Events can't be saved when resources you've added aren't available.

JunctionIdList

To create an event using `JunctionIdList`, IDs are pulled from the related contacts and both the event and the `EventRelation` records are created in one API call. If the `EventRelation` fails, the event is rolled back because it's all done in a single API call.

```
public void createEventNew(Contact[] contacts) {
    String[] contactIds = new String[contacts.size()];
    for (int i = 0; i < contacts.size(); i++) {
        contactIds[i] = contacts[i].getID();
    }
    Event event = new Event();
    event.setSubject("New Event");
    event.setEventWhoIds(contactIds);
    SaveResult[] results = null;
    try {
        results = connection.create(new Event[] {
            task
        });
    } catch (ConnectionException ce) {
        ce.printStackTrace();
    }
}
```

Syncing Events with Lightning Sync

Attendee statuses (Accepted or Maybe, Declined, or No Response) sync from Microsoft® Exchange or Google to Salesforce, but not from Salesforce to Exchange or Google. Be wary of creating API flows that update attendee status in Salesforce for users set up to sync both ways. Eventually the original Exchange or Google status overrides the update made in Salesforce.

Shared Field-Level Security for Event and Task Objects

Metadata deployments for the Event object must include the field-level security for the Task object. Shared field-level security prevents each object from changing the field-level security of the associated object.

Metadata deployments that include field-level security for only one of either the Event or Task objects can cause field-level security changes to the other object that aren't reflected in the metadata.

- If field-level security is enabled for one object, then field-level security is enabled for both objects.
- If field-level security is disabled for one object, then it's disabled for both objects.



Note: A missing entry in the metadata is treated as field-level security being disabled.

Associated Objects

This object has the following associated objects. If the API version isn't specified, they're available in the same API versions as this object. Otherwise, they're available in the specified API version and later.

EventChangeEvent (API version 44.0)

Change events are available for the object.

EventFeed (API version 20.0)

Feed tracking is available for the object.

SEE ALSO:

[Overview of Salesforce Objects and Fields](#)

EventLogFile

Represents event log files for event monitoring. The event monitoring product gathers information about your Salesforce org's operational events, which you can use to analyze usage trends and user behavior. This object is available in API version 32.0 and later. The `Interval` and `Sequence` fields are available only in API version 37.0 and later.

You can interact with event monitoring data by querying fields on the EventLogFile object (like `EventType` and `LogDate`). `CreatedDate` tracks when the log file was generated. To view the underlying event data, query the `LogFile` field. The `EventType` determines the schema of this field. For more information, see [EventLogFile Supported Event Types](#).



Note: Log data schema for each `EventType` can change. With each new release, use the `LogFileFieldNames` and `LogFileFieldTypes` fields to validate the schema changes. In the unlikely case in which no log files are generated for 24 hours, contact Salesforce Customer Support.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).


Special Access Rules



Accessing this object requires View Event Log Files and API Enabled user permissions. Users with View All Data permission can view event log files.

Supported Calls

`describeObjects()`, `query()`, `retrieve()`

Fields

Field	Details
ApiVersion	<p>Type double</p> <p>Properties Filter, Sort</p> <p>Description The specific API version for this log file. This field is available in API version 30.0 and later.</p>
EventType	<p>Type picklist</p> <p>Properties Filter, Group, Restricted picklist, Sort</p> <p>Description The event type—API, Login, Report, URI, and so forth. Use to determine which files were generated for your org. For the corresponding <code>LogFile</code> schema, see EventLogFile Supported Event Types.</p>
Interval	<p>Type picklist</p> <p>Properties Filter, Group, Nillable, Restricted picklist, Sort</p> <p>Description The generation schedule for the event log file. Possible values are:</p> <ul style="list-style-type: none">• Daily• Hourly <p>This field is available in API version 37.0 and later.</p>
LogDate	<p>Type dateTime</p> <p>Properties Filter, Sort</p> <p>Description The date and time of the log file's creation. For daily event log files, tracks usage activity for a 24-hour period, from 12:00 a.m. to 11:59 p.m. UTC time. For hourly event log files, indicates the hour in which the log file was generated. For example, for events that occur between 11:00 AM and 12:00 PM on 3/7/2016, this field's value is 2016-03-07T11:00:00.000Z.</p> <p> Note: For hourly event log files, we recommend using <code>CreatedDate</code> to query the date and time that an <code>EventLogFile</code> object was created.</p>

Field	Details
LogFile	<p>Type base64</p> <p>Description Encoded file data in . csv format. The EventType field defines the schema for this data.</p>
LogFileContentType	<p>Type string</p> <p>Properties Filter, Group, Sort</p> <p>Description The content type of the log file; always . csv.</p>
LogFileFieldNames	<p>Type string</p> <p>Properties Nillable</p> <p>Description The ordered list of fields in the log file data.</p> <p> Note: LogFileFieldNames and LogFileFieldTypes are specific to each EventType. For example, LogFileFieldNames has a different value for an API EventType and a Login EventType.</p>
LogFileFieldTypes	<p>Type string</p> <p>Properties Nillable</p> <p>Description The ordered list of field types in the log file data (String, Id, and so forth).</p> <p> Note: LogFileFieldNames and LogFileFieldTypes are specific to each EventType. For example, LogFileFieldTypes has a different value for an API EventType and a Login EventType.</p>
LogFileLength	<p>Type double</p> <p>Properties Filter, Sort</p> <p>Description The log file length in bytes. You can use this field to plan storage needs for your log files.</p>
Sequence	<p>Type int</p>

Field	Details
	<p>Properties</p> <p>Filter, Group, Sort</p> <p>Description</p> <p>The number for the portion of the event log file data captured in an hour. For 24-hour event log file generation, the value of this field is 0. For hourly event log files, the initial value is 1. This value increases by 1 when events are added in the same hour after the latest event log file is created. The value resets to 1 in the subsequent hour. For example, you have activity between 2:00 and 3:00 PM. Two-log files are generated that contain the event log data for that hour, with <code>Sequence</code> values of 1 and 2. For event log data that occurs at 3:01 PM, the <code>Sequence</code> value resets to 1. This field is available in API version 37.0 and later.</p>

EventLogFile Supported Event Types

The `EventType` field in the EventLogFile object supports these events. Some common fields, such as `CPU_TIME` and `RUN_TIME`, can have null or zero values depending on how the events are generated for a given feature. Sometimes, three quotation marks appear around event data containing special characters in the CSV file. The third quotation mark is necessary for tools and applications to parse the field data at the correct field value boundary.

EventLogFile Supported Event Types

The `EventType` field in the EventLogFile object supports these events. Some common fields, such as `CPU_TIME` and `RUN_TIME`, can have null or zero values depending on how the events are generated for a given feature. Sometimes, three quotation marks appear around event data containing special characters in the CSV file. The third quotation mark is necessary for tools and applications to parse the field data at the correct field value boundary.

We generate some text messages in quotes, as in "example message". To preserve the original value, we add two more quotes and the final value looks like """"example message"""" in the CSV file.



Note: The API Total Usage, CORS Violation Record, Hostname Redirects, Insecure External Assets, Login, and Logout events are available in supported Salesforce editions at no additional cost. To purchase the remaining event types, contact Salesforce.

Apex Callout Event Type

Apex Callout events contain details about callouts (external requests) during Apex code execution.

Apex Execution Event Type

Apex Execution events contain details about Apex classes that are used.

Apex REST API Event Type

Apex REST API events capture information about every Apex REST API request.

Apex SOAP Event Type

Apex SOAP events contain details about custom SOAP web service calls.

Apex Trigger Event Type

Apex Trigger events contain details about triggers that fire in an organization.

Apex Unexpected Exception Event Type

The Apex Unexpected Exception event type captures information about unexpected exceptions in Apex code execution. This event type is available in the EventLogFile object in API version 45.0 and later.

[API Total Usage](#)

API Total usage events contain details about Platform SOAP API, Platform REST API, and Bulk API requests.

[Asynchronous Report Run Event Type](#)

Asynchronous Report Run events are created for reporting requests that are scheduled. This category includes dashboard refreshes, asynchronous reports, schedule reports, and analytics snapshots.

[Aura Request Event Type](#)

Aura Request events contain details of requests to Apex methods from Aura and Lightning web components. For example, you can benchmark request time or identify the URI of an unsuccessful request.

[Bulk API Event Type](#)

Bulk API events contain details about Bulk API requests.

[Bulk API 2.0 Event Type](#)

BulkApi2 events contain details about Bulk API 2.0 requests.

[Change Set Operation Event Type](#)

Change Set Operation events contain information from change set migrations.

[Concurrent Long-Running Apex Limit Event Type](#)

Concurrent Long-Running Apex Limit events contain information about long-running concurrent Apex requests in your org that Salesforce terminated after reaching your org's concurrency limit. Requests with an established Apex context that execute for 5 seconds are counted towards your org's limit of concurrent long-running requests. (Asynchronous requests don't count towards the limit.) When there are more than 10 long-running requests (org default limit), additional long-running requests are terminated. This event type is available in the EventLogFile object in API version 45.0 and later.

[Console Event Type](#)

Console events contain information about the performance and use of Salesforce Consoles. The Console events are logged whenever a Console tab is opened with a sidebar component. Outside of that, when Console tabs are opened, a regular view record detail event is served just like in Salesforce Classic.

[Content Distribution Event Type](#)

Content Distribution events contain information about content distributions and deliveries to users.

[Content Document Link Event Type](#)

Content Document Link events contain sharing information for content documents.

[Content Transfer Event Type](#)

Content Transfer events contain information about content transfer events, such as downloads, uploads, and previews. This information includes events performed on files and attachments to records.

[Continuation Callout Summary Event Type](#)

Continuation Callout Summary events contain information about all of the asynchronous callouts performed during a transaction, their response status codes, execution times, and URL endpoint destinations. This event type is available in the EventLogFile object in API version 43.0 and later.

[CORS Violation Record Event Type](#)

CORS Violation Record events capture information about Cross-Origin Resource Sharing (CORS) violations. Cross-origin requests to Lightning apps are blocked unless the request comes from a URL listed in your CORS allowlist.

[Dashboard Event Type](#)

Dashboard events contain details about report requests from dashboards. These requests are triggered by dashboard refreshes, subscriptions, and filter changes.

[Document Attachment Downloads Event Type](#)

Document Attachment Downloads events contain details of document and attachment downloads.

External Cross-Org Callout Event Type

External Cross-Org Callout events represent external data callouts via the cross-org adapter for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

External Custom Apex Callout Event Type

External Custom Apex Callout events represent external data callouts via custom adapters for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

External Data Source Callout Event Type

External Data Source Callout events represent external data callouts via the Salesforce Connect adapters for Amazon DynamoDB and Amazon Athena. This event type is available in the EventLogFile object in API version 56.0 and later.

External OData Callout Event Type

External OData Callout events represent external data callouts via the OData 2.0 and OData 4.0 adapters for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

Flow Execution Event Type

Flow Execution events contain information about flows that were executed including details such as total execution time, number of interviews, and number of errors.

Group Membership Event Type

Group Membership events capture details about changes to public group and queue membership, such as when members are added to or removed from the public group or queue.

Hostname Redirects Event Type

Hostname Redirect events contain details about blocked and successful redirections for your previous My Domain hostnames. The Hostname Redirects event type is available in the EventLogFile object in API version 56.0 and later.

Insecure External Assets Event Type

Insecure External Assets events contain information about external assets. External assets include images or videos accessed by users over an insecure HTTP protocol. The event lists all your Salesforce pages that contain assets hosted insecurely on third-party sites that users loaded with a Chrome, Firefox, Microsoft Edge, or Safari browser. The `INSECURE_URI` field contains the URI being used to load the asset insecurely. The Insecure External Assets event type is available in the EventLogFile object in API version 42.0 and later.

Insufficient Access Event Type

Insufficient Access events contain details about errors relating to insufficient record access, so that you can troubleshoot and resolve access issues for your users.

Knowledge Article View Event Type

Knowledge Article View events contain user activity with your knowledge base.

Lightning Error Event Type

Lightning Error events represent errors that occurred during user interactions with Lightning Experience and the Salesforce mobile app. This event type is available in the EventLogFile object in API version 39.0 and later.

Lightning Interaction Event Type

Lightning Interaction events track user actions in Lightning Experience and the Salesforce mobile app, such as the user clicking, tapping, or scrolling on a page. This event type is available in the EventLogFile object in API version 39.0 and later.

Lightning Logger Event Type

Lightning Logger events contain information from observed Lightning component logs. This event type is available in the EventLogFile object in API version 58.0 and later.

[Lightning Page View Event Type](#)

Lightning Page View events represent information about the page on which the event occurred in Lightning Experience and the Salesforce mobile app. A Lightning Page View event tracks the page a user visited, how long the user spent on the page, and the load time for the page. This event type is available in the EventLogFile object in API version 39.0 and later.

[Lightning Performance Event Type](#)

Lightning Performance events track trends in Lightning Experience and Salesforce mobile app performance. This event type is available in the EventLogFile object in API version 39.0 and later.

[Login Event Type](#)

Login events contain details about your org's user login history.

[Login As Event Type](#)

Login As events contain details about what a Salesforce admin did while logged in as another user.

[Logout Event Type](#)

Logout events contain details of user logouts.

[Metadata API Operation Event Type](#)

Metadata API Operation events contain details of Metadata API retrieval and deployment requests.

[Multiblock Report Event Type](#)

Multiblock Report events contain details about Joined Report reports.

[Named Credential Event Type](#)

The Named Credential event type captures information about Apex callouts that use named credentials as their endpoints. Use this event type to audit the installed managed packages that use named credentials. If you don't recognize the package namespace in the named credential event log file, then you can investigate whether a security breach has occurred. This event type is available in the EventLogFile object in API version 53.0 and later.

[One Commerce Usage Event Type](#)

One Commerce Usage events capture information about your Commerce instance. This event type is available in the EventLogFile object in API version 51.0 and later.

[Package Install Event Type](#)

Package Install events contain details about package installation in the organization.

[Platform Encryption Event Type](#)

Platform Encryption event contains information about tenant secret and derived encryption key usage. This event type is available in API versions 41.0 and later.

[Queued Execution Event Type](#)

Queued Execution events contain details about queued executions—for example, batch Apex.

[Report Event Type](#)

Report events contain information about what happened when a user ran a report. This event type includes all activity that's in the Report Export event type, plus more. For example, it has user activity for reports exported as both Formatted Report and Details Only output.

[Report Export Event Type](#)

Report Export events contain details about reports that a user exported. For example, this event type captures when a user exports a report as Details Only output. But it doesn't capture reports that users export as Formatted Report or XLSX Detail output. For that data, see the Report event type.

[REST API Event Type](#)

REST API events contain details about REST-specific requests.

[Sandbox Event Type](#)

Sandbox events contain details about sandbox copies.

[Search Event Type](#)

Search events contain details about the user's search query. All searches within the app, including Experience Cloud sites, are included. However, unauthenticated users won't have a unique Salesforce user ID.

[Search Click Event Type](#)

Search Click events contain details about the user's interaction with the search results. All searches within the app, including Experience Cloud sites, are included. However, unauthenticated users won't have a unique Salesforce user ID.

[Sites Event Type](#)

Sites events contain details of Site.com requests. Requests can originate from the browser (UI).

[SOAP API Event Type](#)

SOAP API events contain details about your org's SOAP API request activity.

[Time-Based Workflow Event Type](#)

Time-Based Workflow events contain details about queue activity monitoring.

[Transaction Security Event Type](#)

Transaction Security events contain details about policy execution. This event type is supported in API version 55.0 and later.

[URI Event Type](#)

URI events contain details about user interaction with the web browser UI.

[Visualforce Request Event Type](#)

Visualforce Request events contain details of Visualforce requests. Requests can originate from the browser (UI).

[Wave Change Event Type](#)

Wave Change events represent route or page changes made in the CRM Analytics user interface. A Wave Change event type is captured every time the user opens a new CRM Analytics asset or tab, switches between tabs, or changes dashboard pages. Wave Change events are logged when opening new tabs and switching back to previously opened tabs.

[Wave Download Event Type](#)

Wave Download events represent downloads made from lens explorations and dashboard widgets in the CRM Analytics user interface. A Wave Download event type is captured when a user downloads images (.png), Microsoft® Excel® data (.xls), or comma-separated values (.csv) files.

[Wave Interaction Event Type](#)

Wave Interaction events represent route or page changes made in the CRM Analytics user interface. A Wave Interaction event type is captured when a tab is closed. It also collates the interaction statistics over the life of the tab, including total open time, read time, and so on. These statistics are aggregated as you go to other tabs and return, and logged only once when the tab is closed.

[Wave Performance Event Type](#)

Wave Performance events help you track trends in your Analytics performance.

SEE ALSO:

[EventLogFile](#)

Apex Callout Event Type

Apex Callout events contain details about callouts (external requests) during Apex code execution.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>ApexCallout</code>.</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code>.</p>
METHOD	<p>Type String</p> <p>Description The HTTP method of the callout.</p> <p>Example For example: <code>GET</code>, <code>POST</code>, <code>PUT</code>, and so on.</p>
ORGANIZATION_ID	<p>Type Id</p> <p>Description The 15-character ID of the organization. For example: <code>00D0000000000123</code>.</p>

Example	
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.</p>
REQUEST_SIZE	<p>Type Number</p> <p>Description The size of the callout request body, in bytes.</p>
RESPONSE_SIZE	<p>Type Number</p> <p>Description The size of the callout response, in bytes.</p>
RUN_TIME	<p>Type Number</p> <p>Description Not used for this event type. Use the TIME field instead.</p>
SESSION_KEY	<p>Type String</p> <p>Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.</p>
STATUS_CODE	<p>Type Number</p> <p>Description The HTTP status code for the response.</p>
SUCCESS	<p>Type Boolean</p> <p>Description Indicates if the HTTP callout was sent and a response was returned (1) or not (0).</p>

TIME	<p>Type Number</p> <p>Description The amount of time that the request took in milliseconds (ms).</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT. For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
TYPE	<p>Type String</p> <p>Description The type of Apex callout. For example: REST or AJAX.</p>
URI	<p>Type String</p> <p>Description The URI of the page that's receiving the request. For example: /home/home.jsp.</p>
URI_ID_DERIVED	<p>Type ID</p> <p>Description The 18-character case insensitive ID of the URI of the page that's receiving the request.</p>
URL	<p>Type String</p> <p>Description The callout endpoint URL.</p> <p>Example www.salesforce.com</p>

USER_ID

Type
Id**Description**

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 005300000009M943

USER_ID_DERIVED

Type
Id**Description**

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Apex Execution Event Type

Apex Execution events contain details about Apex classes that are used.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field**Details**

CALLOUT_TIME

Type
Number**Description**

Time spent waiting on webservice callouts, in milliseconds.


CLIENT_IP

Type
String**Description**

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". If the user's session context isn't available, this field returns a blank value.


CPU_TIME

Type
Number

	Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
DB_TOTAL_TIME	Type Number Description Time (in milliseconds) spent waiting for database processing in aggregate for all operations in the request. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
ENTRY_POINT	Type String Description The entry point for this Apex execution. Example <ul style="list-style-type: none"> • <code>GeneralCloner.cloneAndInsertRecords</code> • <code>VF- /apex/CloneUser</code>
EVENT_TYPE	Type String Description The type of event. The value is always <code>ApexExecution</code> .
EXEC_TIME	Type Number Description The end-to-end Apex execution time (in milliseconds).
IS_LONG_RUNNING_REQUEST	Type Boolean Description Indicates whether the request is counted against your org's concurrent long-running Apex request limit (<code>true</code>) or not (<code>false</code>).  Note: Asynchronous Apex jobs (batch, queueable, scheduled, and future), background processes, and bulk API requests aren't counted against the concurrent long-running limit.
LOGIN_KEY	Type String

	<p>Description</p> <p>The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>For example: GeJCsym5eyvtEK2I.</p>
NUMBER_SOQL_QUERIES	<p>Type</p> <p>Number</p> <p>Description</p> <p>The number of SOQL queries that were executed during the event.</p> <p>This value is the aggregate across all namespaces, and can exceed the per-namespace limits. For test executions, the aggregate total value across all test methods executed in the request is used. If you're using this value to track limit consumption, consider filtering out test execution quiddities (indicated by the QUIDDITY field).</p>
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the organization.</p> <p>For example: 00D000000000123.</p>
QUIDDITY	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of outer execution associated with this event.</p> <p>Example</p> <ul style="list-style-type: none"> • A—ACS Batch Apex • B—Bulk API and Bulk API 2.0 • BA—Start method of a Batch Apex job • C—Scheduled Apex • CI—Commerce Integration • DL—Discoverable Login page • E—Inbound Email Service • F—Future • FC—Function Callback • H—Apex REST • I—Invocable Action • K—Quick Action • L—Lightning

- M–Remote Action
- P–Bulk Apex jobs running in parallel
- PEP–Platform Event Publish Callback
- PI–Post install script for a managed package
- Q–Queueable
- QTXF–Transaction Finalizer for Queueable
- R–Synchronous uncategorized (which is where all transactions not specified elsewhere end up)
- S–QueryLocator Batch Apex (Batch Apex jobs run faster when the start method returns a QueryLocator object that doesn't include related records via a subquery. See Batch Apex Best Practices in [Using Batch Apex](#).)
- TA–Tests Async
- TD–Tests Deployment
- TS–Tests Synchronous
- UD–Undefined is the default when an event hasn't been assigned a more descriptive quiddity.
- V–Visualforce
- W–SOAP Webservices
- X–Execute Anonymous

 **Note:** Implementations of the Process.Plugin interface use the quiddity value **R**.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RUN_TIME


Type

Number

Description

The amount of time that the request took in milliseconds.

Requests with a value over five seconds are considered long-running requests for the purposes of the Concurrent Long-Running Apex Limit.

 **Note:** HTTP callout processing time isn't included when calculating the 5-second limit. We pause the timer for the callout and resume it when the callout completes.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000011SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Apex REST API Event Type

Apex REST API events capture information about every Apex REST API request.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#). For information about Apex REST, see [Introduction to Apex REST](#).

Fields

Field	Details
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
DB_BLOCKS	Type Number Description Indicates how much activity is occurring in the database. A high value for this field suggests that adding indexes or filters on your queries would benefit performance.
DB_CPU_TIME	Type Number

	Description The CPU time in milliseconds to complete the request. Indicates the amount of activity taking place in the database layer during the request.
DB_TOTAL_TIME	Type Number Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
ENTITY_NAME	Type Set Description API objects that are accessed. For example: Account, Opportunity, Contact, and so on.
EVENT_TYPE	Type String Description The type of event. The value is always ApexRestApi.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
MEDIA_TYPE	Type String Description The media type of the response.
METHOD	Type String Description The HTTP method of the request. For example: GET, POST, PUT, and so on.

NUMBER_FIELDS

Type

Number

Description

The number of fields or columns, where applicable.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D0000000000123.

REQUEST_SIZE

Type

Number

Description

The size of the callout request body, in bytes.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RESPONSE_SIZE

Type

Number

Description

The size of the callout response, in bytes.

ROWS_PROCESSED

Type

Number

Description

The number of rows that were processed in the request.

For example: 150.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

STATUS_CODE

Type

Number

Description

The HTTP status code for the response.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_AGENT

Type

Number

Description

The numeric code for the type of client used to make the request (for example, the browser, application, or API).

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- `CsnOnly`—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- `CspLitePortal`—CSP Lite Portal license. Users whose access is limited because they're organization customers

and access the application through a customer portal or an Experience Cloud site.

- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Apex SOAP Event Type

Apex SOAP events contain details about custom SOAP web service calls.
For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLASS_NAME	Type String Description The Apex class name. If the class is part of a managed package, this string includes the package namespace.

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".

For example: 96 . 43 . 144 . 26.

CLIENT_NAME

Type

String

Description

The name of the client that's using Salesforce services. This field is an optional parameter that can be passed in API calls. If blank, the caller didn't specify a client in the CallOptions header.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

DB_TOTAL_TIME

Type

Number

Description

Time (in milliseconds) spent waiting for database processing in aggregate for all operations in the request. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.

EVENT_TYPE

Type

String

Description

The type of event. The value is always ApexSoap.

LIMIT_USAGE_PERCENT

Type

Number

Description

The percentage of Apex SOAP calls that were made against the organization's limit.

LOGIN_KEY

Type

String

	Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
METHOD_NAME	Type String Description The name of the calling Apex method.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
QUERY	Type String Description The SOQL query, if one was performed.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
REQUEST_STATUS	Type String Description The status of the request for a page view or user interface action. Possible values are: <ul style="list-style-type: none">• S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.• F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.• U—Undefined

- **A**—Authorization Error
- **R**—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- **N**—Not Found. 404 error.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

Requests with a value over five seconds are considered long-running requests for the purposes of the Concurrent Long-Running Apex Limit.



Note: HTTP callout processing time isn't included when calculating the 5-second limit. We pause the timer for the callout and resume it when the callout completes.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared

with users below them in the customer portal role hierarchy.

- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Apex Trigger Event Type

Apex Trigger events contain details about triggers that fire in an organization.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type</p> <p>String</p> <p>Description</p> <p>The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96.43.144.26.</p>
CPU_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DB_TOTAL_TIME	<p>Type</p> <p>Number</p>

	<p>Description</p> <p>Time (in milliseconds) spent waiting for database processing in aggregate for all operations in the request. Compare this field to <code>CPU_TIME</code> to determine whether performance issues are occurring in the database layer or in your own code.</p>
ENTITY_NAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The name of the object affected by the trigger.</p>
EVENT_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of event. The value is always <code>ApexTrigger</code>.</p>
EXEC_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The end-to-end Apex execution time (in milliseconds).</p>
LOGIN_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>For example: <code>GeJCsym5eyvtEK2I</code>.</p>
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the organization.</p> <p>For example: <code>00D000000000123</code>.</p>
REQUEST_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code>.</p> <p>For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code>.</p>

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RUN_TIME

Type

Number

Description

This field is always null. To view the end-to-end Apex execution time (in milliseconds), refer to the EXEC_TIME field.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. The timezone is GMT.

TRIGGER_ID

Type

String

Description

The 15-character ID of the trigger that was fired.

TRIGGER_NAME

Type

String

Description

For triggers coming from managed packages, `TRIGGER_NAME` includes a namespace prefix separated with a `.` character. If no namespace prefix is present, the trigger is from an unmanaged trigger.

Examples:

- `examplePackage.managedExampleTrigger` - Managed trigger from the `examplePackage` namespace
 - `unmanagedExampleTrigger` - Unmanaged trigger
-

TRIGGER_TYPE

Type

String

Description

The type of this trigger.

Possible Values

- `AfterInsert`
 - `AfterUpdate`
 - `BeforeInsert`
 - `BeforeUpdate`
-

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: `/home/home.jsp`.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.

- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Apex Unexpected Exception Event Type


The Apex Unexpected Exception event type captures information about unexpected exceptions in Apex code execution. This event type is available in the EventLogFile object in API version 45.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
EVENT__TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>ApexUnexpectedException</code>.</p>
EXCEPTION__CATEGORY	<p>Type String</p> <p>Description The category of the unexpected Apex exception. Provides a breakdown of unhandled exceptions based on the type. For example, the <code>LimitException</code> exception type is split into subcategories that indicate if you exceeded a limit, such as the total heap size or CPU time.</p> <p>Possible values:</p> <ul style="list-style-type: none">• Subcategories of <code>LimitException</code> that indicate the Apex limit you've exceeded. Examples:<ul style="list-style-type: none">– <code>LimitException: CpuTime</code>: Maximum CPU time on the Salesforce servers.– <code>LimitException: HeapSize</code>: Total heap size.– <code>LimitException: Queries</code>: Total number of SOQL queries issued.– <code>LimitException: QueryRows</code>: Total number of records retrieved by SOQL queries.– <code>LimitException: DmlStatements</code>: Total number of DML statements issued.

Field	Details
	<ul style="list-style-type: none"> – <code>LimitException</code>: Callouts: Total number of callouts (HTTP requests or web services calls) in a transaction. <p>See Execution Governors and Limits for other limits.</p> <ul style="list-style-type: none"> • <code>CustomException</code>: Unhandled custom exception. • An Apex exception that isn't limit-related; see Exception Class and Built-In Exceptions <p>This field is available in API version 57.0 and later.</p> <p>Example</p> <pre>LimitException: CpuTime</pre>
EXCEPTION_MESSAGE	<p>Type</p> <p>Text</p> <p>Description</p> <p>The exception's message.</p> <p>Example</p> <p>Divide by 0</p>
EXCEPTION_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The class type of the unexpected exception.</p> <p>Example</p> <pre>System.MathException</pre>
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the org.</p> <p>For example: 00D000000000123.</p>
REQUEST_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code>.</p> <p>For example: 3nWgxWbDKWWDIk0FKfF5DV.</p>
STACK_TRACE	<p>Type</p> <p>Text</p> <p>Description</p> <p>The stack trace for the exception.</p>

Field	Details
	 Note: If the exception is thrown from a managed package, <code>STACK_TRACE</code> is omitted.
	Example <pre>Class.OpportunityUtility.insert: line 22, column 1 AnonymousBlock: line 1, column 1</pre>
TIMESTAMP	Type String
	Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime
	Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

API Total Usage

API Total usage events contain details about Platform SOAP API, Platform REST API, and Bulk API requests.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
API_FAMILY	Type String
	Description The API family. For example, REST, SOAP, or Bulk.
API_RESOURCE	Type String

	Description The API method or resource. For example, <code>describeSObjects</code> for SOAP, or <code>/v21.0/objects/Account/001xx000003DGQW</code> for REST.
API_VERSION	Type Number Description The API version. For example, 21.
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CLIENT_NAME	Type String Description The name of the client making the API request. Includes values passed via the Sforce-Call-Options header.
CONNECTED_APP_ID	Type String Description The ID of the connected app making the API request. If the connected app ID includes the prefix <code>0H4</code> , append it to the connected app ID in the My Domain URL to access app details (<code>https://MyDomainName.my.salesforce.com/0H4xxxxxxxxxx</code>). If, however, the connected app ID uses the prefix <code>888</code> , contact Salesforce Customer Support for app details.
COUNTS_AGAINST_API_LIMIT	Type Boolean Description Whether the request counted against the API limit (<code>true</code>) or not (<code>false</code>).
ENTITY_NAME	Type Set

	Description The name of the object accessed by the API request. For example: Account, Opportunity, Contact, and so on.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ApiTotalUsage</code> .
HTTP_METHOD	Type String Description The HTTP method. For example, <code>GET</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: <code>00D0000000000123</code> .
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code> .
STATUS_CODE	Type Number Description The HTTP response status code for the request.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: <code>20130715233322.670</code> .
TIMESTAMP_DERIVED	Type DateTime

	Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the API. For example: 00530000009M943

Asynchronous Report Run Event Type

Asynchronous Report Run events are created for reporting requests that are scheduled. This category includes dashboard refreshes, asynchronous reports, schedule reports, and analytics snapshots.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
AVERAGE_ROW_SIZE	Type Number Description The average row size of all rows in the Asynchronous Report Run event, in bytes. A large average size, coupled with a high ROW_COUNT, can indicate that a user is downloading information for fraudulent purposes. For example, a salesperson who downloads all sales leads before departing for a competitor. Example 700
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

DASHBOARD_ID

Type

String

Description

The 15-character ID of the dashboard that was run.

DB_TOTAL_TIME

Type

Number

Description

The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.

DB_BLOCKS

Type

Number

Description

Indicates how much activity is occurring in the database. A high value for this field suggests that adding indexes or filters on your queries would benefit performance.

DB_CPU_TIME

Type

Number

Description

The CPU time in milliseconds to complete the request. Indicates the amount of activity taking place in the database layer during the request.

DISPLAY_TYPE

Type

String

Description

The report display type, indicating the run mode of the report.

Possible values are:

- D—Dashboard
- S—Show Details
- H—Hide Details

ENTITY_NAME

Type

String

Description

The name of the object affected by the trigger.

EVENT_TYPE

Type

String

Description

The type of event. The value is always `AsynchronousReportRun`.

LOGIN_KEY

Type

String

Description

The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.

For example: `GeJCsym5eyvtEK2I`.

NUMBER_BUCKETS

Type

Number

Description

The number of buckets that were used in the report.

NUMBER_COLUMNS

Type

Number

Description

The number of columns in the report.

NUMBER_EXCEPTION_FILTERS

Type

Number

Description

The number of exception filters that are used in the report.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: `00D000000000123`.

ORIGIN

Type

String

Description

The context in which the report executed, such as from a UI (Classic, Lightning, Mobile), through an API (synchronous, asynchronous, Apex), or through a dashboard.

Possible Values

- `ReportOpenedFromMobileDashboard`: Report executed when a user clicked a dashboard component on a mobile device and drilled down to a report.
 - `DashboardComponentUpdated`: Report executed when a user refreshed a dashboard component.
 - `DashboardComponentPreviewed`: Report executed from a Lightning dashboard component preview.
 - `ReportRunUsingSynchronousApi`: Report executed from a synchronous API.
 - `ReportRunUsingAsynchronousApi`: Report executed from an asynchronous API.
 - `ReportRunUsingApexSynchronousApi`: Report executed from the synchronous Apex API.
 - `ReportRunUsingApexAsynchronousApi`: Report executed from the asynchronous Apex API.
 - `ReportExported`: Report executed from a printable view or report export that was not asynchronous nor an API export.
 - `ReportRunFromClassic`: Report executed from the Run Report option of Salesforce Classic.
 - `ReportRunFromMobile`: Report executed from the Run Report option of the mobile Salesforce app.
 - `ReportRunFromLightning`: Report executed from the Run option in Lightning Experience from a non-mobile browser.
 - `ReportRunFromRestApi`: Report executed from the REST API.
 - `ReportPreviewed`: Report executed when a user got preview results while using the report builder.
 - `ReportScheduled`: Report was scheduled.
 - `ProbeQuery`: Report executed from a probe query.
 - `ReportRunFromReportingSnapshot`: Report executed through Snapshot Analytics.
 - `ReportExportedAsynchronously`: Report was exported asynchronously.
 - `ReportExportedUsingExcelConnector`: Report was exported using the Excel connector.
-

- **ChartRenderedOnVisualforcePage**: Report executed from a rendered chart on a VisualForce Page.
- **ChartRenderedInEmbeddedAnalyticsApp**: Report executed from a rendered chart in an embedded Analytics app.
- **ReportRunAndNotificationSent**: Report executed through the notifications API.
- **ChartRenderedOnHomePage**: Report executed from a rendered chart on the home page.
- **ReportResultsAddedToWaveTrending**: Report executed when a user trended a report in CRM Analytics.
- **ReportAddedToCampaign**: Report was added from an Add to Campaign action.
- **ReportResultsAddedToEinsteinDiscovery**: Report executed synchronously from Einstein Discovery.
- **Unknown**: Report execution origin is unknown.
- **Test**: Report execution resulted from a test.

RENDERING_TYPE

Type

String

Description

Describes the format of the report output in Salesforce Classic. If the report was exported in Lightning Experience, this field is blank.

Possible Values

- **W**: Web (HTML)
- **E**: Email
- **P**: Printable
- **X**: Excel
- **C**: Comma-separated values (CSV)
- **J**: JavaScript Object Notation (JSON)
- **D**: Dummy data

REPORT_ID

Type

Id

Description

The 15-character ID of the report that was run.

REPORT_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the report that was run.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

ROW_COUNT

Type

Number

Description

The number of rows that were processed in the Asynchronous Report Run event. High row counts, coupled with a high AVERAGE_ROW_SIZE, can indicate that a user is downloading information for fraudulent purposes. For example, a salesperson who downloads all sales leads before departing for a competitor.

Example

150

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nZZVD.

SORT

Type

String

Description

The sort column and order that was used in the report.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

	Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.
USER_TYPE	Type String Description The category of user license. Possible values are: <ul style="list-style-type: none"> • CsnOnly—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users. • CspLitePortal—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site. • CustomerSuccess—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. • Guest—Users whose access is limited so that your customers can view and interact with your site without logging in. • PowerCustomerSuccess—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy. • PowerPartner—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site. • SelfService—Users whose access is limited because they're organization customers and access the application through a self-service portal.

- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Aura Request Event Type

Aura Request events contain details of requests to Apex methods from Aura and Lightning web components. For example, you can benchmark request time or identify the URI of an unsuccessful request.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer’s Guide](#).

Fields

Field	Details
ACTION_MESSAGE	<div>TypeString</div> <div>DescriptionThe action (Apex method) names and times for all the actions in the request in the format:<div>action1Name=action1Time;action2Name=action2Time...</div></div>
CLIENT_IP	<div>TypeString</div> <div>DescriptionThe IP address of the client that’s using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as “Salesforce.com IP”. For example: 96.43.144.26.</div>
CPU_TIME	<div>TypeNumber</div> <div>DescriptionThe CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</div>
DB_TOTAL_TIME	<div>TypeNumber</div>

	Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
EVENT_TYPE	Type String Description The type of event. The value is always <code>AuraRequest</code> .
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: <code>00D000000000123</code> . Example
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code> .
REQUEST_METHOD	Type String Description The HTTP method of the request, such as GET or POST.
REQUEST_STATUS	Type String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the resource that's receiving the request.

For example: /aura.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_AGENT

Type

Number

Description

The numeric code for the type of client used to make the request (for example, the browser, application, or API).

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- `CsnOnly`—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- `CspLitePortal`—CSP Lite Portal license. Users whose access is limited because they're organization customers


and access the application through a customer portal or an Experience Cloud site.

- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Bulk API Event Type

Bulk API events contain details about Bulk API requests.

 **Note:** This event type does not include Bulk API 2.0 requests. For information about the BulkApi2 event type, see [Bulk API 2.0 Event Type](#) on page 1756.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
BATCH_ID	Type String

	Description The 15-character ID of the Bulk API batch.
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
ENTITY_TYPE	Type String Description The type of entity that the Bulk API used.
EVENT_TYPE	Type String Description The type of event. The value is always <code>BulkApi</code> .
JOB_ID	Type String Description The 15-character ID of the Bulk API job.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code> .
MESSAGE	Type EscapedString

	Description Any success or error message that's associated with the request.
NUMBER_FAILURES	Type Number Description The number of failures that were returned with the request.
OPERATION_TYPE	Type String Description The type of Bulk API operation that was performed.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
ROWS_PROCESSED	Type Number Description The number of rows that were processed in the request. For example: 150.
RUN_TIME	Type Number Description The amount of time that the request took in milliseconds.
SESSION_KEY	Type String

	<p>Description</p> <p>The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.</p> <p>For example: d7DEq/ANa7nNZZVD.</p>
SUCCESS	<p>Type</p> <p>Boolean</p> <p>Description</p> <p>Whether the batch was successful.</p>
TIMESTAMP	<p>Type</p> <p>String</p> <p>Description</p> <p>The access time of Salesforce services in GMT.</p> <p>For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type</p> <p>DateTime</p> <p>Description</p> <p>The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p> <p>For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
URI	<p>Type</p> <p>String</p> <p>Description</p> <p>The URI of the page that's receiving the request.</p> <p>For example: /home/home.jsp.</p>
URI_ID_DERIVED	<p>Type</p> <p>ID</p> <p>Description</p> <p>The 18-character case insensitive ID of the URI of the page that's receiving the request.</p>
USER_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the user who's using Salesforce services through the UI or the API.</p> <p>For example: 00530000009M943</p>

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Bulk API 2.0 Event Type

BulkApi2 events contain details about Bulk API 2.0 requests.



Note: This event type does not include Bulk API requests. For information about the BulkApi event type, see [Bulk API Event Type](#) on page 1752.

You can monitor the following Bulk API 2.0 parameters:

- The type of data processed via Bulk API 2.0 operations, and how much of that data was processed.
- Bulk API 2.0 limits.
- For jobs, track how long it takes to complete, database, and CPU usage.
- Understand users and the operations they performed.
- Detailed errors and failures.

BulkApi2 events represent the steps in the Bulk API 2.0 workflow and changes in job state.

For a Bulk API 2.0 **Ingest** job, an event is emitted when a job is marked:

- created
 - Note: For multi-part requests, there is no “created” event emitted, only an uploadComplete event.
- uploadComplete
- inProgress
- with a processing update
- complete
- aborted
- deleted

For a Bulk API 2.0 **Query** job, an event is emitted when a job is marked:

- created
- uploadComplete
- inProgress
- with a processing update
- complete
- aborted

- deleted

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
ENTITY_TYPE	<p>Type String</p> <p>Description The type of entity that Bulk API 2.0 used. For example, <code>Account</code> or <code>Contact</code>.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>BulkApi2</code>.</p>
JOB_ID	<p>Type String</p> <p>Description The 15-character ID of the Bulk API 2.0 job.</p>
JOB_STATUS	<p>Type String</p> <p>Description The job's current status.</p>
LOGIN_KEY	<p>Type String</p>

Description

The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.

For example: GeJCSym5eyvtEK2I.

OPERATION_TYPE

Type

String

Description

The type of Bulk API 2.0 operation that was performed.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D000000000123.

RECORDS_FAILED

Type

Number

Description

The total number of records that failed.

For example: 150.

RECORDS_PROCESSED

Type

Number

Description

Number of records processed for this event.

For example: 980.



Note: The number of records processed is reported differently for ingest and query jobs.

For *ingest* jobs:

- Events with a status of `InProgress` report (if applicable) the number of records processed.

For *query* jobs:

- Events with a status of `JobComplete` or `InProgress` report (if applicable) the number of records processed.

RESULT_SIZE_MB

Type

Number

Description

Number of megabytes returned in query. Empty for ingest jobs.

For example: 670.



Note: RESULT_SIZE_MB currently does not emit events, but is shown here as a placeholder for future enhancement.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

	Description The 18-character case-safe ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case-safe ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.

Change Set Operation Event Type

Change Set Operation events contain information from change set migrations.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CHANGE_SET_NAME	Type String Description The name of the change set.
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number

	Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ChangeSetOperation</code> .
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code> .
OPERATION	Type String Description The operation that's being performed. Possible Values <ul style="list-style-type: none">• DELETE• DEPLOY• UPLOAD• VALIDATE
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: <code>00D000000000123</code> .
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code> .

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nZZVD.

TARGET_ORG_ID

Type

Id

Description

The 15-character ID of the organization that's receiving the change set.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

	Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

Concurrent Long-Running Apex Limit Event Type

Concurrent Long-Running Apex Limit events contain information about long-running concurrent Apex requests in your org that Salesforce terminated after reaching your org's concurrency limit. Requests with an established Apex context that execute for 5 seconds are counted towards your org's limit of concurrent long-running requests. (Asynchronous requests don't count towards the limit.) When there are more than 10 long-running requests (org default limit), additional long-running requests are terminated. This event type is available in the EventLogFile object in API version 45.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
EVENT_TYPE	Type String Description The type of event. The value is always <code>ConcurrentLongRunningApexLimit</code> .
NUMBER_REQUESTS	Type Number

Field	Details
	Description Count of requests with an established Apex context executing for longer than 5 seconds in your org.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
REQUEST_URI	Type String Description URI of the long-running Apex request that Salesforce terminated. Example /apex/ApexClassName
REQUESTS_LIMIT	Type Number Description Maximum count of requests with an established Apex context that can execute for longer than 5 seconds. When NUMBER_REQUESTS reaches this limit, then additional long-running Apex requests are terminated. (Asynchronous requests don't count towards the limit.) The default limit is 10. Example 10
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime

Field	Details
	Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943

Usage

For example, you can monitor Concurrent Long-Running Apex Limit log counts to get a benchmark or plot a count by hour. To identify where the limit was exceeded, see the REQUEST_URI field. Then, cross-reference this data with [Apex Execution event](#) data where the average RUN_TIME exceeds 5 seconds. To identify synchronous requests only, cross-reference event data with the QUIDDITY field in Apex Execution event data. For example, QUIDDITY NOT IN (A,BA,F,Q,S) and CALLOUT_TIME (>5000).

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

[Salesforce Developers Blog: Designing Force.com Applications That Avoid Hitting Concurrent Request Limits](#)

Console Event Type

Console events contain information about the performance and use of Salesforce Consoles. The Console events are logged whenever a Console tab is opened with a sidebar component. Outside of that, when Console tabs are opened, a regular view record detail event is served just like in Salesforce Classic.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.

COMPONENT_ID

Type

Id

Description

The 15-character ID of the component.

COMPONENT_ID_DERIVED

Type

Id

Description

The 18-character, case-insensitive ID of the component.

CONSOLE_ID

Type

Id

Description

The 15-character ID of the console.

CONSOLE_ID_DERIVED

Type

Id

Description

The 18-character, case-insensitive ID of the console.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

DB_TOTAL_TIME

Type

Number

Description

The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.

EVENT_TYPE

Type

String

Description

The type of event. The value is always Console.

LICENSE_CONTEXT

Type

String

	Description The license context in which a user is using a console.
	Example service, salesandservice, sales
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
RECORD_ID	Type Id Description The 15-character ID of the record that's associated with the console.
RECORD_ID_DERIVED	Type Id Description The 18-character, case-insensitive ID of the record that's associated with the console.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
REQUEST_STATUS	Type String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- `CsnOnly`—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- `CspLitePortal`—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- `CustomerSuccess`—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.

- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:[EventLogFile Supported Event Types](#)[EventLogFile](#)

Content Distribution Event Type

Content Distribution events contain information about content distributions and deliveries to users.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
ACTION	Type String
	Description The action that's used when a delivery is viewed.
	Possible Values <ul style="list-style-type: none">• VIEW• INSERT• UPDATE

DELIVERY_ID	Type Id Description The 15-character ID of the content delivery.
DELIVERY_LOCATION	Type String Description The location of the delivery.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ContentDistribution</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
RELATED_ENTITY_ID	Type Id Description The 15-character ID of the record that's associated with the delivery distribution.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: 3nWgxWbDKWWDIk0FKfF5DV.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

VERSION_ID

Type

Id

Description

The 15-character ID of the content version.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Content Document Link Event Type

Content Document Link events contain sharing information for content documents.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field**Details**

DOCUMENT_ID

Type

Id

	Description The 15-character ID of the document that's being shared.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ContentDocumentLink</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: 3nWgxWbDKWWDIk0FKfF5DV.
SHARED_WITH_ENTITY_ID	Type Id Description Who the document was shared with.
SHARING_OPERATION	Type String Description The type of sharing operation on the document. Possible Values <ul style="list-style-type: none">• INSERT• UPDATE• DELETE
SHARING_PERMISSION	Type String Description What permissions the document was shared with.

Possible Values

- V: Viewer
- C: Collaborator
- I: Inferred—that is, the sharing permissions were inferred from a relationship between the viewer and document. For example, a document's owner has a sharing permission to the document itself. Or, a document can be a part of a content collection, and the viewer has sharing permissions to the collection rather than explicit permissions to the document directly.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Content Transfer Event Type

Content Transfer events contain information about content transfer events, such as downloads, uploads, and previews. This information includes events performed on files and attachments to records.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
DOCUMENT_ID	Type Id Description The 15-character ID of the document that's being shared.
DOCUMENT_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the document that's being shared.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ContentTransfer</code> .
FILE_PREVIEW_TYPE	Type String Description The content type of the file preview.
FILE_TYPE	Type String Description The content type of the file version.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String

	<p>Description</p> <p>The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>For example: 3nWgxWbDKWWDIk0FKfF5DV.</p>
SIZE_BYTES	<p>Type</p> <p>Number</p> <p>Description</p> <p>The size of the file transfer, in bytes.</p>
TIMESTAMP	<p>Type</p> <p>String</p> <p>Description</p> <p>The access time of Salesforce services in GMT.</p> <p>For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type</p> <p>DateTime</p> <p>Description</p> <p>The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p> <p>For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
TRANSACTION_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The operation that was performed, including operations on files and attachments to records. For example, you can track operations in the Attachments related list on a case.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • VersionDownloadAction and VersionDownloadApi represent downloads via the user interface and API respectively. • VersionRenditionDownload represents a file preview action. • saveVersion represents a file that's being uploaded.
USER_ID	<p>Type</p> <p>Id</p>

	Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.
VERSION_ID	Type Id Description The 15-character ID of the content version.
VERSION_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the content version.

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

Continuation Callout Summary Event Type

Continuation Callout Summary events contain information about all of the asynchronous callouts performed during a transaction, their response status codes, execution times, and URL endpoint destinations. This event type is available in the EventLogFile object in API version 43.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or the [REST API Developer's Guide](#).

Fields

Field	Details
CONTINUATION_ID	Type String Description A unique ID identifying a sequence of events within a request.

Field	Details
	Example SFDC-Continuation-14e3cg85-961d-389e-7bz1-3d171543162a
DURATION	Type Number Description Total duration of continuation, in milliseconds.
EVENT_TYPE	Type String Description The type of event. The value is always <code>ContinuationCalloutSummary</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
ORIGIN_REQUEST_ID	Type Id Description The ID of the request that initiated a callout. Example TID:5iLoVKlztX_rDDJcp7
REQUEST_FORM_SIZE	Type String Description Continuation request form size, in bytes. Depending on how many HTTP requests were used in a continuation, this field can contain up to three space-separated values.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: 3nWgxWbDKWWDIk0FKfF5DV.
RESPONSE_SIZE	Type String

Field	Details
	<p>Description</p> <p>The size of the callout response, in bytes. Depending on how many HTTP requests were used in a continuation, this field can contain up to three space-separated values.</p>
STATUS_CODE	<p>Type</p> <p>String</p> <p>Description</p> <p>The HTTP status or internal code returned by the remote endpoint. A status code of 200 indicates that the request was successful. Other status code values indicate the type of problem that was encountered. Depending on how many HTTP requests were used in a continuation, this field can contain up to three space-separated values.</p> <p>Examples</p> <ul style="list-style-type: none"> • 2000—The timeout was reached, and the server didn't get a chance to respond. • 2001—There was a connection failure. • 2002—Exceptions occurred. • 2003—The response hasn't arrived (which also means that the Apex asynchronous callout framework hasn't resumed). • 2004—The response size is too large (greater than 1 MB).
SUCCESS	<p>Type</p> <p>Boolean</p> <p>Description</p> <p>Indicates whether the continuation was successful (1) or not (0).</p>
TIMESTAMP	<p>Type</p> <p>String</p> <p>Description</p> <p>The access time of Salesforce services in GMT.</p> <p>For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type</p> <p>DateTime</p> <p>Description</p> <p>The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p> <p>For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
URL	<p>Type</p> <p>String</p> <p>Description</p> <p>The callout endpoint URL. Depending on how many HTTP requests were used in a continuation, this field can contain up to three space-separated values.</p>

Field	Details
	Example http://prod.location.amazonaws.com:1000/orders/order/_search
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 005300000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 005900000000I1SNIA0.
VF_CONTROLLER_SIZE	Type String Description Continuation Visualforce controller size, in bytes. Depending on how many HTTP requests were used in a continuation, this field can contain up to three space-separated values.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

CORS Violation Record Event Type

CORS Violation Record events capture information about Cross-Origin Resource Sharing (CORS) violations. Cross-origin requests to Lightning apps are blocked unless the request comes from a URL listed in your CORS allowlist.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
EVENT_TYPE	Type String Description The type of event. The value is always CorsViolation.

HOST

Type

String

Description

The URL of the requested Salesforce resource.

If JavaScript code at `https://www.example.com` requests a resource from `https://www.salesforce.com`, the origin is `https://www.example.com` and the host is `https://www.salesforce.com`.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D000000000123.

ORIGIN

Type

String

Description

The URL of the site making the cross-origin request to Salesforce.

If JavaScript code at `https://www.example.com` requests a resource from `https://www.salesforce.com`, the origin is `https://www.example.com` and the host is `https://www.salesforce.com`.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.SSSZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

Dashboard Event Type

Dashboard events contain details about report requests from dashboards. These requests are triggered by dashboard refreshes, subscriptions, and filter changes.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
DASHBOARD_COMPONENT_ID	Type Id Description The 15-character ID of the dashboard component.
DASHBOARD_ID	Type String Description The 15-character ID of the dashboard that was run.
DASHBOARD_ID_DERIVED	Type String

	Description The 18-character case insensitive ID of the dashboard that was run.
DASHBOARD_TYPE	Type String Description The type of dashboard. Possible Values <ul style="list-style-type: none">• R: Run as running user• C: Run as context user• S: Run as specific user
EVENT_TYPE	Type String Description The type of event. The value is always Dashboard.
IS_SCHEDULED	Type Boolean Description 1 if the dashboard component ran successfully, 0 if it didn't.
IS_SUCCESS	Type Boolean Description 1 if the dashboard component ran successfully, 0 if it didn't.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.

REPORT_ID

Type
Id**Description**

The 15-character ID of the report that was run.

REPORT_ID_DERIVED

Type
Id**Description**

The 18-character case insensitive ID of the report that was run.

REQUEST_ID

Type
String**Description**

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RUN_TIME

Type
Number**Description**

The amount of time that the request took in milliseconds.

SESSION_KEY

Type
String**Description**

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type
String**Description**

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type
DateTime**Description**

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user the dashboard is running as.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user the dashboard is running as.

For example: 00590000000I1SNIA0.

VIEWING_USER_ID

Type

Id

Description

The ID of the user who's viewing the dashboard.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Document Attachment Downloads Event Type

Document Attachment Downloads events contain details of document and attachment downloads.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
ENTITY_ID	Type Id Description The 15-character ID of the entity that's associated with the document or attachment.
EVENT_TYPE	Type String Description The type of event. The value is always DocumentAttachmentDownloads.
FILE_TYPE	Type String Description The type of the file or attachment.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D0000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime

	Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

External Cross-Org Callout Event Type

External Cross-Org Callout events represent external data callouts via the cross-org adapter for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer Guide](#).



Note: For the cross-org adapter for Salesforce Connect, event monitoring currently doesn't track search callouts.

Fields

Field	Details
ACTION	Type String Description Action performed by the callout. Possible Values <ul style="list-style-type: none"> query

Field	Details
	<ul style="list-style-type: none"> • upsert • delete
ENTITY	<p>Type String</p> <p>Description Name of the external object being accessed.</p> <p>Example Order</p>
EVENT_TYPE	<p>Type String</p> <p>Description Type of event. Value is always <code>ExternalCrossOrgCallout</code>.</p>
EXECUTE_MS	<p>Type Number</p> <p>Description How long it took (in milliseconds) for Salesforce to prepare and execute the query. Available in API version 42.0 and later.</p> <p>Example 1</p>
FETCH_MS	<p>Type Number</p> <p>Description How long it took (in milliseconds) to retrieve the query results from the external system. Available in API version 42.0 and later.</p> <p>Example 452</p>
FILTER	<p>Type Text</p> <p>Description Field expressions to filter which rows to return. Corresponds to <code>WHERE</code> in SOQL queries.</p> <p>Example <code>WHERE CustomerId='123456'</code></p>
HAVING	<p>Type Text</p> <p>Description Reserved for future use.</p>

Field	Details
LIMIT	<p>Type Number</p> <p>Description Maximum number of rows to return for a query. Corresponds to <code>LIMIT</code> in SOQL queries.</p> <p>Example 200</p>
MESSAGE	<p>Type String</p> <p>Description Error or warning message associated with the failed query callout. Value is always empty for upsert and delete callouts.</p> <p>Example System.UnexpectedException: Query is either selecting too many fields or the filter conditions are too complicated</p>
OFFSET	<p>Type Number</p> <p>Description Number of rows to skip when paging through a result set. Corresponds to <code>OFFSET</code> in SOQL queries. If a SOQL query doesn't define an <code>OFFSET</code>, the value is -1.</p> <p>Example 0 (default)</p>
ORDERBY	<p>Type String</p> <p>Description Field or column to use for sorting query results, and whether to sort the results in ascending (default) or descending order. Corresponds to <code>ORDER BY</code> in SOQL queries.</p> <p>Examples</p> <ul style="list-style-type: none">• <code>ORDER BY ShipName</code>• <code>ORDER BY ShipName DESC</code>
ORGANIZATION_ID	<p>Type Id</p> <p>Description 15-character ID of the organization.</p> <p>Example 00D0000000000123</p>

Field	Details
REQUEST_ID	<p>Type String</p> <p>Description Unique ID of a transaction. A transaction can contain one or more events. All events in a transaction have the same REQUEST_ID.</p> <p>Example 4A13-HSKv3CKs-0FKfceaV</p>
ROWS	<p>Type Number</p> <p>Description Total number of records in the result set. Value is always 0 for upsert and delete callouts.</p> <p>Example 200</p>
ROWS_FETCHED	<p>Type Number</p> <p>Description Reserved for future use.</p>
SELECT	<p>Type String</p> <p>Description Comma-separated list of fields being queried. Corresponds to <code>SELECT</code> in SOQL queries.</p> <p>Example SELECT Id,Name,CustomerID,OrderDate</p>
STATUS	<p>Type Boolean</p> <p>Description Whether the query was successful. Value is always empty for upsert and delete callouts.</p> <p>Possible Values</p> <ul style="list-style-type: none">• 1—Success• 0—Failed
SUBQUERIES	<p>Type Number</p> <p>Description The number of subqueries that the query is split into.</p>

Field	Details
THROUGHPUT	Type Number Description Reserved for future use.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
TOTAL_MS	Type Number Description How long it took (in milliseconds) to prepare and execute the query and to retrieve the query results. Example 453
USER_ID	Type Id Description 15-character ID of the user accessing the external system. Example 00530000009M943
USING_MRU	Type Boolean

Field	Details
	Description Reserved for future use.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

External Custom Apex Callout Event Type

External Custom Apex Callout events represent external data callouts via custom adapters for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer Guide](#).

Fields

Field	Details
ACTION	Type String Description Action performed by the callout. Possible Values <ul style="list-style-type: none"> • query • upsert • delete
ENTITY	Type String Description Name of the external object being accessed. Example Order
EVENT_TYPE	Type String Description Type of event. Value is always ExternalCustomApexCallout.
EXECUTE_MS	Type Number

Field	Details
	<p>Description How long it took (in milliseconds) for Salesforce to prepare and execute the query. Available in API version 42.0 and later.</p> <p>Example 102</p>
FETCH_MS	<p>Type Number</p> <p>Description How long it took (in milliseconds) to retrieve the query results from the external system. Available in API version 42.0 and later.</p> <p>Example 607</p>
FILTER	<p>Type Text</p> <p>Description Field expressions to filter which rows to return. Corresponds to <code>WHERE</code> in SOQL queries.</p> <p>Example Filter:[columnName=CustomerID, columnValue=537, subfilters=null, tableName=Order, type=EQUALS]</p>
LIMIT	<p>Type Number</p> <p>Description Maximum number of rows to return for a query. Corresponds to <code>LIMIT</code> in SOQL queries.</p> <p>Example 200</p>
MESSAGE	<p>Type String</p> <p>Description Error or warning message associated with the failed call.</p> <p>Example System.UnexpectedException: Query is either selecting too many fields or the filter conditions are too complicated</p>
OFFSET	<p>Type Number</p> <p>Description Number of rows to skip when paging through a result set. Corresponds to <code>OFFSET</code> in SOQL queries.</p>

Field	Details
	Example 0 (default)
ORDERBY	Type String Description Field or column to use for sorting query results, and whether to sort the results in ascending (default) or descending order. Corresponds to <code>ORDER BY</code> in SQL queries. Examples (Order:[columnName=OrderDate, direction=ASCENDING, tableName=Order])
ORGANIZATION_ID	Type Id Description 15-character ID of the organization. Example 00D000000000123
REQUEST_ID	Type String Description Unique ID of a transaction. A transaction can contain one or more events. All events in a transaction have the same REQUEST_ID. Example 4A13-HSKv3CKs-0FKfceaV
ROWS	Type Number Description Total number of records in the result set. The value is always -1 if the custom adapter's <code>DataSource.Provider</code> class doesn't declare the <code>QUERY_TOTAL_SIZE</code> capability. Example 200
ROWS_FETCHED	Type Number Description Number of rows fetched by the callout. Available in API version 42.0 and later. Example 200

Field	Details
SELECT	<p>Type String</p> <p>Description Comma-separated list of fields being queried. Corresponds to <code>SELECT</code> in SOQL queries.</p> <p>Example (ColumnSelection:[aggregation=NONE, columnName=Name, tableName=Order], ColumnSelection:[aggregation=NONE, columnName=CustomerID, tableName=Order], ColumnSelection:[aggregation=NONE, columnName=OrderDate, tableName=Order])</p>
STATUS	<p>Type Boolean</p> <p>Description Whether the query was successful.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • 1—Success • 0—Failed • Empty—Failed with no logged status or message
THROUGHPUT	<p>Type Number</p> <p>Description Number of records retrieved in one second.</p> <p>Example 302.57</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT. For example: 20130715233322.670.</p>
SUBQUERIES	<p>Type Number</p> <p>Description Reserved for future use.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p>

Field	Details
	For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
TOTAL_MS	Type Number Description How long it took (in milliseconds) to prepare and execute the query and to retrieve the query results. Example 709
USER_ID	Type Id Description 15-character ID of the user accessing the external system. Example 00530000009M943

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

External Data Source Callout Event Type

External Data Source Callout events represent external data callouts via the Salesforce Connect adapters for Amazon DynamoDB and Amazon Athena. This event type is available in the EventLogFile object in API version 56.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer Guide](#).

Fields

Field	Details
ACTION	Type String Description Action performed by the callout. Possible Values For Amazon DynamoDB data source: <ul style="list-style-type: none">• query• insert• delete• update

Field	Details
	<ul style="list-style-type: none"> • upsert <p>For Amazon Athena data source:</p> <ul style="list-style-type: none"> • query
DATA_SOURCE_NAME	<p>Type String</p> <p>Description Name of the external data source being accessed.</p>
EVENT_TYPE	<p>Type String</p> <p>Description Type of event. Value is always <code>ExternalDataSourceCallout</code>.</p>
EXTERNAL_OBJECT	<p>Type String</p> <p>Description Name of the external object being accessed.</p>
FETCH_MS	<p>Type Number</p> <p>Description How long it took (in milliseconds) to retrieve the query results from the external data source.</p> <p>Example 127</p>
FILTER	<p>Type Text</p> <p>Description Field expressions to filter which rows to return. Corresponds to <code>WHERE</code> in queries.</p>
LIMIT	<p>Type Number</p> <p>Description Maximum number of rows to return for a query. Corresponds to Limit parameter in ExecuteStatement operation for an Amazon DynamoDB data source.</p>
MESSAGE	<p>Type String</p> <p>Description Error or warning message associated with the failed call.</p>

Field	Details
NEXT_LINK	<p>Type String</p> <p>Description Next link that the callout used to request a subsequent page of rows. A next link is provided in a previous response when the response includes only part of the result set.</p> <p>For requests to AWS data sources, this field stores the <code>nextToken</code> parameter that contains a unique hash string.</p>
OFFSET	<p>Type Number</p> <p>Description Number of rows to skip when paging through a result set. Corresponds to <code>OFFSET</code> in queries to Amazon Athena. This field is not supported by queries to Amazon DynamoDB.</p>
OPERATION	<p>Type String</p> <p>Description The operation that's being performed.</p>
ORDERBY	<p>Type String</p> <p>Description Field or column to use for sorting query results, and whether to sort the results in ascending (default) or descending order. Corresponds to <code>ORDER BY</code> in queries.</p> <p>Example</p> <ul style="list-style-type: none">• Country ASC• CustomerName DESC
ORGANIZATION_ID	<p>Type Id</p> <p>Description 15-character ID of the organization.</p> <p>Example 00D000000000123</p>
PARENT_CALLOUT	<p>Type String</p> <p>Description If the callout requested a subsequent page of rows, this field identifies the initial callout whose request resulted in the multi-page result set.</p> <p>Example 4EoZtuBzzRIXSk-ysRdf1F-1</p>

Field	Details
PROVIDER_TYPE	<p>Type String</p> <p>Description Whether the callout was made by Salesforce Connect adapter for Amazon DynamoDB or Amazon Athena.</p> <p>Possible Values</p> <ul style="list-style-type: none">amazonDynamodbamazonAthena
REQUEST_ID	<p>Type String</p> <p>Description Unique ID of a transaction. A transaction can contain one or more events. All events in a transaction have the same REQUEST_ID.</p> <p>Example 4A13-HSKv3CKs-0FKfceaV</p>
RESPONSE_SIZE	<p>Type Number</p> <p>Description The size of the callout response, in bytes.</p>
ROWS_FETCHED	<p>Type Number</p> <p>Description Number of records fetched by the callout. The records fetched by a callout can be a subset of a large result set.</p> <p>Example 200</p>
SEARCH	<p>Type String</p> <p>Description Search query string.</p>
SELECT	<p>Type String</p> <p>Description Comma-separated list of fields being queried. Corresponds to <code>SELECT</code> in queries. To query, Salesforce Connect adapter uses PartiQL with Amazon DynamoDB and SQL with Amazon Athena.</p>

Field	Details
	Example CustomerID,OrderDate,OrderID,ShipCity,ShipCountry
STATUS	Type Boolean Description Whether the query was successful. Possible Values <ul style="list-style-type: none"> 1—Success 0—Failed
STATUS_CODE	Type Number Description The HTTP response status code for the request.
TABLE_NAME	Type String Description Name of the table being queried in the AWS data source.
THROUGHPUT	Type Number Description Number of records retrieved in one second. Example 3025.67
TIMESTAMP	Type DateTime Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

Field	Details
TOTAL_MS	Type Number Description How long it took (in milliseconds) to prepare and execute the query and to retrieve the query results.
USER_ID	Type Id Description 15-character ID of the user accessing the external data source. Example 00530000009M943

External OData Callout Event Type

External OData Callout events represent external data callouts via the OData 2.0 and OData 4.0 adapters for Salesforce Connect. This event type is available in the EventLogFile object in API version 40.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer Guide](#).

Fields

Field	Details
ACTION	Type String Description Action performed by the callout. Possible Values <ul style="list-style-type: none">• query• upsert• delete
BYTES	Type Number Description Size of the result set in bytes.
ENTITY	Type String Description Name of the external object being accessed.

Field	Details
	Example Order
EVENT_TYPE	Type String Description Type of event. Value is always ExternalODataCallout.
EXECUTE_MS	Type Number Description How long it took (in milliseconds) for Salesforce to prepare and execute the query. Available in API version 42.0 and later. Example 21
EXPAND	Type String Description Reserved for future use.
FETCH_MS	Type Number Description How long it took (in milliseconds) to retrieve the query results from the external system. Available in API version 42.0 and later. Example 127
FILTER	Type Text Description Field expressions to filter which rows to return. Corresponds to <code>WHERE</code> in SOQL queries and <code>\$filter</code> in OData queries. Example CustomerID eq 12345
LIBRARY	Type String Description Reserved for future use.

Field	Details
LIMIT	<p>Type Number</p> <p>Description Maximum number of rows to return for a query. Corresponds to <code>LIMIT</code> in SOQL queries and <code>\$top</code> in OData queries.</p> <p>Example 200</p>
MESSAGE	<p>Type String</p> <p>Description Error or warning message associated with the failed call.</p> <p>Example The OData query result was too large, so the external data didn't load.</p>
NEXT_LINK	<p>Type String</p> <p>Description OData next link that the callout used to request a subsequent page of rows. A next link is provided in a previous response from the OData producer when the response includes only part of the result set. Available in API version 42.0 and later. However, this field isn't supported for the OData 2.0 adapter on orgs created before Spring '18.</p> <p>Example <code>http://services.example.org/Warehouse.svc/Orders?\$count=true&\$select=CustomerID,OrderID,RequiredDate,ShippedDate&\$top=301&\$skiptoken=10447</code></p>
OFFSET	<p>Type Number</p> <p>Description Number of rows to skip when paging through a result set. Corresponds to <code>OFFSET</code> in SOQL queries and <code>\$skip</code> in OData queries.</p> <p>Example 10</p>
ORDERBY	<p>Type String</p> <p>Description Field or column to use for sorting query results, and whether to sort the results in ascending (default) or descending order. Corresponds to <code>ORDER BY</code> in SOQL queries and <code>\$orderby</code> in OData queries.</p>

Field	Details
	Examples <ul style="list-style-type: none"> • ShipName • ShipName desc
ORGANIZATION_ID	Type Id Description 15-character ID of the organization. Example 00D000000000123
PARENT_CALLOUT	Type String Description If the callout requested a subsequent page of rows, this field identifies the initial callout whose request resulted in the multi-page result set. Available in API version 42.0 and later. However, this field isn't supported for the OData 2.0 adapter on orgs created before Spring '18. Example 4EoZtuBzzRIXSk-ysRdf1F-1
PROVIDER_TYPE	Type String Description Whether the OData 2.0 or OData 4.0 adapter made the callout. Possible Values <ul style="list-style-type: none"> • OData—OData 2.0 adapter • OData4—OData 4.0 adapter
RATE_LIMIT_USAGE_PERCENT	Type Number Description Consumed percentage of the org's limit of OData callouts per hour. Example 2.5—2.5% of the hourly callout limit has been consumed
REQUEST_ID	Type String Description Unique ID of a transaction. A transaction can contain one or more events. All events in a transaction have the same REQUEST_ID.

Field	Details
	Example 4A13-HSKv3CKs-0FKfceaV
REQUESTS	Type Number Description Reserved for future use.
ROWS	Type Number Description Total number of records in the result set. Available in API version 42.0 and later. Example 830
ROWS_FETCHED	Type Number Description Number of records fetched by the callout. The records fetched by a callout can be a subset of a large result set. Available in API version 42.0 and later. However, this field isn't supported for the OData 2.0 adapter on orgs created before Spring '18. Example 200
SEARCH	Type String Description Search query string. Corresponds to condition expressions in SOSL. Example contains(CustomerID,'10248') eq true or contains(ShipName,'10248') eq true
SELECT	Type String Description Comma-separated list of fields being queried. Corresponds to <code>SELECT</code> in SOQL queries and <code>\$select</code> in OData queries. Example CustomerID,OrderDate,OrderID,ShipCity,ShipCountry
STATUS	Type Boolean

Field	Details
	<p>Description Whether the query was successful.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • 1—Success • 0—Failed
THROUGHPUT	<p>Type Number</p> <p>Description Number of records retrieved in one second.</p> <p>Available in API version 42.0 and later. However, this field isn't supported for the OData 2.0 adapter on orgs created before Spring '18.</p> <p>Example 3025.67</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT.</p> <p>For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p> <p>For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
TOTAL_MS	<p>Type Number</p> <p>Description How long it took (in milliseconds) to prepare and execute the query and to retrieve the query results.</p>
USER_ID	<p>Type Id</p> <p>Description 15-character ID of the user accessing the external system.</p>

Field	Details
	Example 00530000009M943

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Flow Execution Event Type

Flow Execution events contain information about flows that were executed including details such as total execution time, number of interviews, and number of errors.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
EVENT_TYPE	Type String Description The type of event. The value is always <code>FlowExecution</code> .
TIMESTAMP	Type String Description The time that the flow was executed in GMT. For example: 20210606032436.520.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: <code>TID:000000000000c00fff</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.

Field	Details
USER_ID	<p>Type Id</p> <p>Description The 15-character ID of the user who executed the flow through the UI or the API. For example: 00530000009M943</p>
PROCESS_TYPE	<p>Type String</p> <p>Description The type of the flow. Valid values are:</p> <ul style="list-style-type: none"> • ActionCadenceAutoLaunchedFlow—A flow executed when a user completes a cadence step. This value is available in API version 56.0 and later. • ActionCadenceStepFlow—A screen flow used as a cadence step. This value is available in API version 56.0 and later. • Appointments—A flow for Lightning Scheduler. This value is available in API version 44.0 and later. • AutoLaunchedFlow—A flow that doesn't require user interaction. • CheckoutFlow—A flow used in Lightning B2B Commerce to create a checkout in a store. This value is available in API version 48.0 and later. • ContactRequestFlow—A flow that lets customers request that customer support gets back to them. This flow is used to create contact request records. This value is available in API version 45.0 and later. • CustomerLifecycle—A Salesforce Surveys flow that lets you associate survey questions with different stages in customer lifecycles. This value is available in API version 49.0 and later and only when the Customer Lifecycle Designer license is enabled. • CustomEvent—A process that is invoked when it receives a platform event message. In the UI, it's an event process. This value is available in API version 41.0 and later. • EvaluationFlow—A flow for evaluating custom entry and exit conditions in an orchestration. Uses the <code>isOrchestrationConditionMet</code> output variable and discards values from any other output variables. This value is available in API version 54.0 and later. • FieldServiceMobile—A flow for the Field Service mobile app. This value is available in API version 39.0 and later. • FieldServiceWeb—A flow for embedded Appointment Booking. Its UI label is Field Service Embedded Flow. This value is available in API version 41.0 and later. • Flow—A flow that requires user interaction because it contains one or more screens or local actions, choices, or dynamic choices. In the UI and Salesforce Help, it's a screen flow. Screen flows can be launched from the UI, such as with a flow action, Lightning page, or web tab. • FSClending—A flow for Financial Services Cloud Mortgage. This value is available in API version 46.0 and later.

Field	Details
	<ul style="list-style-type: none"> • <code>IndicatorResultFlow</code>—A flow for Outcome Management that calculates and creates indicator results for a selected indicator performance period. This value is available with the Outcome Management license in API version 60.0 and later. • <code>IndividualObjectLinkingFlow</code>—A flow that associates individuals with interactions such as voice calls, messaging sessions, or case-related emails. This value is available in API version 58.0 and later. • <code>InvocableProcess</code>—A process that can be invoked by another process or the Invocable Actions resource in REST API. This value is available in API version 38.0 and later. • <code>Journey</code>—An audience-driven flow for Marketing Cloud. This value is available in API version 57.0 and later. • <code>LoginFlow</code>—A flow for login. This value is available in API version 51.0 and later. • <code>LoyaltyManagementFlow</code>—A flow for the Loyalty Management app and can be invoked by loyalty program processes. This value is available in API version 54.0 and later. • <code>Orchestrator</code>—An orchestration that organizes flows into groups of steps contained in a series of stages. This value is available in API version 53.0 and later. • <code>RecommendationStrategy</code>—Build recommendations for your users. A recommendation launches its assigned flow. This value is available in API version 54.0 and later. See Flow Builder Strategies. • <code>RoutingFlow</code>—A flow for Salesforce Omni-Channel routing and other business logic. This value is available in API version 52.0 and later. • <code>Survey</code>—A flow for Salesforce Surveys. From the UI, this type of flow is created in Survey Builder. This value is available in API version 42.0 and later. • <code>SurveyEnrich</code>—A Salesforce Surveys flow that uses the Survey Data Mapper. From the UI, this type of flow is created in the Survey Builder and requires an associated survey flow type. This value is available in API version 49.0 or later and only when the Customer Lifecycle Designer license is enabled. • <code>Workflow</code>—A process that is invoked when a record is created or edited. In the UI and Salesforce Help, it's a record change process. <p>These values are reserved for future use.</p> <ul style="list-style-type: none"> • <code>ActionCadenceFlow</code> • <code>ActionPlan</code> • <code>AppProcess</code> • <code>CartAsyncFlow</code> • <code>DigitalForm</code> • <code>JourneyBuilderIntegration</code> • <code>LoginFlow</code> • <code>ManagedContentFlow</code> • <code>OrchestrationFlow</code> • <code>SalesEntryExperienceFlow</code> • <code>TransactionSecurityFlow</code>

Field	Details
	<ul style="list-style-type: none"> UserProvisioningFlow
FLOW_VERSION_ID	<p>Type Id</p> <p>Description The ID of the flow version that was executed.</p>
FLOW_LOAD_TIME	<p>Type Number</p> <p>Description The time in milliseconds to load the flow's metadata.</p>
TOTAL_EXECUTION_TIME	<p>Type Number</p> <p>Description The total time in milliseconds to start and finish all flow interviews.</p>
NUMBER_OF_INTERVIEWS	<p>Type Number</p> <p>Description The number of flow interviews that started after the flow version was executed.</p>
NUMBER_OF_ERRORS	<p>Type Number</p> <p>Description The number of errors for all flow interviews after the flow version was executed.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The time that the flow was executed in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.SSSZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>

Group Membership Event Type

Group Membership events capture details about changes to public group and queue membership, such as when members are added to or removed from the public group or queue.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services.</p> <p>Example 96.43.144.26</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity that took place in the app server layer.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>GroupMembership</code>.</p>
GROUP_ID	<p>Type Id</p> <p>Description ID of the group whose membership changed.</p> <p>Example 00GXXXXXXXXXXXXX</p>
GROUP_TYPE	<p>Type String</p> <p>Description The type of group. Valid values are:</p> <ul style="list-style-type: none"> • R—Public group • Q—Queue <p>Example R</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p>

Field	Details
	Example GeJCsym5eyvtEK2I
MEMBER_ID	Type Id <p>Description</p> The ID of the member added to or removed from the group. Public groups can contain individual users, other groups, or users in a specified role or territory. Queues can contain individual users, roles, public groups, territories, connections, or partner users. <p>Example</p> 005XXXXXXXXXXXXX or 00GXXXXXXXXXXXXX
OPERATION	Type String <p>Description</p> The operation that occurred, such as a member being added to or removed from a group. Valid values are: <ul style="list-style-type: none"> AddedGroupMember DeletedGroupMember <p>Example</p> DeletedGroupMember
ORGANIZATION_ID	Type Id <p>Description</p> The 15-character ID of the organization. <p>Example</p> 00DXXXXXXXXXXXXX
REQUEST_ID	Type String <p>Description</p> The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. <p>Example</p> 3nWgxWbDKWWDIk0FKfF5DV
RUN_TIME	Type Number <p>Description</p> The amount of time that the request took in milliseconds.

Field	Details
	Example 115
SESSION_KEY	Type String Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. Example d7DEq/ANa7nNZZVD
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. Example 20130715233322.670
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). Example 2015-07-27T11:32:59.555Z
URI	Type String Description The URI of the page that's receiving the request. Example /home/home.jsp
URI_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the URI of the page that's receiving the request. Example 005XXXXXXXXXXYAY
USER_ID	Type Id

Field	Details
	<p>Description</p> <p>The 15-character ID of the user who's using Salesforce services through the UI or the API.</p> <p>Example</p> <p>005XXXXXXXXXXXXXX</p>
USER_ID_DERIVED	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.</p> <p>Example</p> <p>005XXXXXXXXXXXXXXIA0</p>

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Hostname Redirects Event Type

Hostname Redirect events contain details about blocked and successful redirections for your previous My Domain hostnames. The Hostname Redirects event type is available in the EventLogFile object in API version 56.0 and later.



Note: The HostnameRedirects event type is disabled by default. To enable this event type, use the `logRedirections` field on the MyDomainSettings Metadata API type or enable the **Log Redirections** setting in the Routing section of the My Domain Setup page.

This event is free for all customers with a 24-hour data retention period. The hostname redirections event is available in the API but not in the Event Monitoring Analytics app. You can also download the latest hostname redirections event log file through a button on the My Domain page.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or the [REST API Developer's Guide](#).

Fields

Field	Details
EVENT_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of event. The value is always <code>HostnameRedirects</code>.</p>
TIMESTAMP	<p>Type</p> <p>String</p>

Field	Details
	<p>Description The access time of Salesforce services in GMT.</p> <p>Example 20220715233322.670</p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>Example 0000000062_0000x8Lz-</p>
ORGANIZATION_ID	<p>Type ID</p> <p>Description The 15-character ID of the org.</p> <p>Example 00D0000000000345</p>
USER_ID	<p>Type ID</p> <p>Description This field is unused in the HostnameRedirects event type. The value is always null.</p>
RUN_TIME	<p>Type Number</p> <p>Description This field is unused in the HostnameRedirects event type. The value is always 0.</p>
CPU_TIME	<p>Type Number</p> <p>Description This field is unused in the HostnameRedirects event type. The value is always null.</p>
URI	<p>Type String</p> <p>Description This field is unused in the HostnameRedirects event type. The value is always null.</p>
SESSION_KEY	<p>Type String</p>

Field	Details
	<p>Description</p> <p>This field is unused in the HostnameRedirects event type. The value is always null.</p>
LOGIN_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>This field is unused in the HostnameRedirects event type. The value is always null.</p>
MESSAGE	<p>Type</p> <p>String</p> <p>Description</p> <p>This field is unused in the HostnameRedirects event type. The value is always null.</p>
DOMAIN	<p>Type</p> <p>Url</p> <p>Properties</p> <p>Filter, Sort</p> <p>Description</p> <p>This field is unused in the HostnameRedirects event type. The value is always null.</p>
SOURCE_HOSTNAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The hostname of the URL from which the redirection originated.</p> <p>Example</p> <p>If <code>https://<i>oldMyDomainName</i>.my.salesforce.com</code> is redirected to <code>https://<i>newMyDomainName</i>.my.salesforce.com</code>, the value of this field is <i>oldMyDomainName</i>.my.salesforce.com</p>
TARGET_HOSTNAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The hostname of the URL to which the user or API was redirected.</p> <p>Example</p> <p>If <code>https://<i>oldMyDomainName</i>.my.salesforce.com</code> is redirected to <code>https://<i>newMyDomainName</i>.my.salesforce.com</code>, the value of this field is <i>newMyDomainName</i>.my.salesforce.com</p>
PATH	<p>Type</p> <p>String</p>

Field	Details
	<p>Description</p> <p>The path of the originating URL request. This path is also used in the redirection target URL. The path includes query-string parameters up to the first hash (#), if present. Any hash fragments aren't included. A hash fragment is the part of the URL that includes a hash (#) and the text that follows it.</p> <p>Example</p> <p>If user is redirected from <code>https://MyOldCompany.my.site.com/shop?q=sneakers</code> to <code>https://MyNewCompany.my.site.com/shop?q=sneakers</code>, the value of this field is <code>/shop?q=sneakers</code>.</p>
REDIRECT_REASON	<p>Type</p> <p>String</p> <p>Description</p> <p>The reason for the hostname redirect event.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • Redirected due to a hostname mismatch.—The referring hostname was redirected to the current My Domain equivalent. • Redirection suppressed to prevent Lightning Out integration failure.—The *.force.com site URL can't be redirected for use with Lightning Out. To prevent issues, the original URL was processed as-is. To avoid issues after *.force.com site hostname redirections are stopped, update hard-coded references to the hostname in your Lightning Out integrations. For a Lightning Out code example that uses a site hostname, see Share Lightning Out Apps with Unauthenticated Users in the Salesforce Lightning Component Library. For more information on redirections that stop in a future release, see Prepare for the End of Redirections for Non-Enhanced Domains • Redirection was blocked because redirections for this hostname are disabled.—For legacy *.force.com site hostnames, redirections are blocked when the Redirect previous Site Hostnames to your current My Domain site URLs Routing option is deselected on the My Domain Setup page. For other previous My Domain hostnames, only your last set of My Domain login hostnames is redirected. Those redirections are blocked when the My Domain Routing option Redirect previous My Domain URLs to your current My Domain is deselected or when you remove your previous My Domain.
IS_BLOCKED_REDIRECTION	<p>Type</p> <p>Boolean</p> <p>Description</p> <p>Indicates whether the redirection was blocked.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • 1—The redirection was blocked and returned an HTTP 404 response. • 0—The redirection proceeded and returned an HTTP 301 or 307 response.

Field	Details
REFERRER	<p>Type String</p> <p>Description The absolute or partial address from which the request to the <code>SOURCE_HOSTNAME</code> came. The <code>Referrer-Policy</code> HTTP Header of the request determines how much of the URL is shared.</p> <p>For example, if a user clicked a link to the <code>SOURCE_HOSTNAME</code> from a web page, and that web page is on a different domain:</p> <ul style="list-style-type: none"> if the <code>Referrer-Policy</code> HTTP Header is <code>no-referrer-when-downgrade</code>, <code>REFERRER</code> includes the origin, path, and query-string parameters up to the first hash (<code>#</code>), if present. if the <code>Referrer-Policy</code> HTTP Header is <code>strict-origin-when-cross-origin</code>, <code>REFERRER</code> includes the origin only. if the <code>Referrer-Policy</code> HTTP Header is <code>same-origin</code>, <code>REFERRER</code> is null. <p>Examples</p> <ul style="list-style-type: none"> <code>https://www.example.com</code> <code>https://www.example.com/page/page/index.htm</code> <code>https://www.example.com/page/index.htm?q="Salesforce"</code>
ORIGIN	<p>Type String</p> <p>Description The origin (protocol, hostname, and port) that caused the request to the <code>SOURCE_HOSTNAME</code>. For example, if a website on a different domain makes an XMLHttpRequest (XHR) to <code>SOURCE_HOSTNAME</code>, <code>ORIGIN</code> contains the base URL of that website.</p> <p>The port isn't included in the origin information with all requests. <code>ORIGIN</code> can be null in a number of situations, including but not limited to cross-origin requests and origins with a restrictive <code>Referrer-Policy</code> header. For example, if the request to the <code>SOURCE_HOSTNAME</code> is sent from a site external to Salesforce with a <code>RequestMode</code> of <code>no-cors</code>, <code>ORIGIN</code> is null.</p> <p>Examples</p> <ul style="list-style-type: none"> <code>https://www.example.com</code> <code>https://www.example.com:443</code>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (<code>YYYY-MM-DDTHH:MM:SS.sssZ</code>). The time zone is always GMT.</p>

Field	Details
	Example 2022-07-27T11:32:59.555Z.
USER_ID_DERIVED	Type String Description This field is unused in the HostnameRedirects event type. The value is always null.
CLIENT_IP	Type String Description The IP address of the client that made this request. Possible Values/Example 111.43.144.26
URI_ID_DERIVED	Type String Description This field is unused in the HostnameRedirects event type. The value is always null.

Usage

Use the information in the Hostname Redirects event log to determine the hostnames to update in your org after you deploy a change to your My Domain name. You can also use the log to develop communications to your customers and users about the changed hostnames. For example, you can encourage users to use the new hostnames and update their bookmarks.

To access the log, use the HostnameRedirects event type from the EventLogFile object. Alternatively, you can download the current hostname redirections event log by clicking **Download Redirections Log** on the My Domain Setup page.

Each row in the event log represents a redirection for a specific requested URL. Subsequent requests to the same URL within the hour following that request, however, aren't logged. If your last My Domain change included enabling enhanced domains, the log includes redirections for the old hostnames listed on [My Domain URL Format Changes When You Enable Enhanced Domains](#) in Salesforce Help. The log doesn't include redirections for generic instanced hostnames, such as `na87.salesforce.com`.



Note: To keep the size of the log file manageable, the log includes one entry for each redirected hostname and path combination within an hour. As a result, the log includes all redirected hostname and path combinations, but only includes the first redirection within each hour.

For example, if `https://MyCompany.my.site.com/shop` is redirected at 02:01 PM and `https://MyCompany.my.site.com/shop?q=sneakers` is redirected for another user at 02:02 PM, only the redirection that occurred at 02:01 PM is captured for `MyCompany.my.site.com/shop` for that hour. But if `https://MyCompany.my.site.com/help` is redirected at 2:05 PM, that redirection is captured on a new line because the `MyCompany.my.site.com/help` hostname and path combination differs from `MyCompany.my.site.com/shop`.

Similarly, if the redirection of `https://MyCompany.my.site.com/contactUs` is blocked at 07:02 AM and `https://MyCompany.my.site.com/contactUs` is redirected at 07:11 AM, only the blocked redirection for `MyCompany.my.site.com/contactUs` is captured in the log for that hour.

Only one hostname redirection log file is available at a time. When the daily incremental event log file is generated during the daily background process, the new file replaces the existing file. When you download the redirections log from the My Domain Setup page, you get the latest daily log file in CSV format.

If the log file doesn't exist, either the log generation process hasn't run yet or there's no redirection data to report for that 24-hour window. The log file is generated only when at least one redirection occurred for the day.

To collect hostname redirection logs for multiple days, schedule a daily query of the Hostname Redirects event type via REST API. For example, you can configure a cron job in Unix or a scheduled task in Windows to run the query.

Salesforce CLI Example

To use Salesforce CLI to query the Hostname redirects log, use the `sf data query` command to query the HostnameRedirects EventType.

First, download and install [Salesforce CLI](#).

Example

This Unix example authorizes Salesforce CLI to access your org and sets `orgAlias` to your org login URL. This method prompts you to log in to your org via a browser to grant Salesforce CLI access. To query event log files, log in as a user with the View Event Log Files and API Enabled permissions.

```
sf org web login --alias orgAlias --instance-url https://MyDomainName.my.salesforce.com
```

Example response

After you authenticate with a user via a browser, this response confirms that Salesforce CLI is authorized for use in your org.

```
Successfully authorized admin@mycompany.com with org ID 00D00000000000aIW
```

Then export the HostnameRedirects log to a CSV file.

Example

This example exports the HostnameRedirects EventType to a CSV file in your org, where `orgAlias` is your org's alias within Salesforce CLI.

```
ORGALIAS=orgAlias; QUERYRESULT=$(sf data query --target-org "$ORGALIAS" --query "SELECT
LogDate, LogFile FROM EventLogFile WHERE EventType='HostnameRedirects' ORDER BY
CreatedDate DESC LIMIT 1" --json); QUERYSTATUS=$(echo "$QUERYRESULT"|grep "\"status\"|cut
-d : -f 2|cut -d , -f 1); if [[ "$QUERYSTATUS" -eq 0 ]]; then LOGDATE=$(echo
"$QUERYRESULT"|grep LogDate|cut -d \" -f 4|cut -d T -f 1); if [[ "$LOGDATE" == "" ]];
then echo "No daily event log file exists for hostname redirects."; else
DOWNLOADPATH=$(echo "$QUERYRESULT"|grep "\"url\"|cut -d \" -f 4); ORGDISPLAY=$(sf org
display --target-org "$ORGALIAS" --json 2> /dev/null); SESSION=$(echo "$ORGDISPLAY"|grep
accessToken|cut -d \" -f 4); ORGURL=$(echo "$ORGDISPLAY"|grep instanceUrl|cut -d \" -f
4); curl -H "Authorization: Bearer ${SESSION}" --silent ${ORGURL}${DOWNLOADPATH}/LogFile
> HostnameRedirectEvent-${LOGDATE}.csv; fi; else echo "$QUERYRESULT"; fi
```

Example CSV formatted response

```
"EVENT_TYPE","TIMESTAMP","REQUEST_ID","ORGANIZATION_ID","USER_ID","RUN_TIME",
"CPU_TIME","URI","SESSION_KEY","LOGIN_KEY","MESSAGE","DOMAIN","SOURCE_HOSTNAME",
"TARGET_HOSTNAME","PATH","REDIRECT_REASON","IS_BLOCKED_REDIRECTION","REFERRER",
"ORIGIN","TIMESTAMP_DERIVED","USER_ID_DERIVED","CLIENT_IP","URI_ID_DERIVED"
"HostnameRedirects","20220803011210","4kTkZZ1PzwSSHDkCagbl7-","00D000000000aIW",
"", "0", "", "", "", "", "Redirection prevented due to a hostname mismatch.", "",
"ExperienceCloudSubdomain.force.com", "currentMyDomainName.my.site.com", "",
"", "0", "https://partner.example.com/pageName.html", "",
```



```
"2022-08-03T01:12:10.015Z", "", "198.51.100.0", " "
"HostnameRedirects", "20220803022225", "4kTksZ1PzwSTHDkCagbl9-", "00D000000000aIW",
"", "0", "", "", "", "", "Redirection prevented due to a hostname mismatch.", "",
"SalesforceSitesSubdomain.secure.force.com",
"currentMyDomainName.my.salesforce-sites.com", "", "", "0", "",
"https://partner2.example.com", "2022-08-03T02:22:25.015Z", "", "2001:DB8:", ""
"HostnameRedirects", "20220803025230", "4kNP4KyC_ddbI0GxqZ8Lz-", "00D000000000aIW",
"", "0", "", "", "", "", "Redirection prevented due to a hostname mismatch.", "",
"oldMyDomainName.my.salesforce.com", "currentMyDomainName.my.salesforce.com", "",
"", "0", "https://www.example.com/login_hub.htm", "https://www.example.com",
"2022-08-03T02:52:30.015Z", "", "203.0.113.0", ""
"HostnameRedirects", "20220803081241", "4kTksZ1PzwSTHDkCagbl9-", "00D000000000aIW",
"", "0", "", "", "", "", "Redirection prevented due to a hostname mismatch.", "",
"SalesforceSitesSubdomain.secure.force.com",
"currentMyDomainName.my.salesforce-sites.com", "", "", "0",
"https://ExperienceCloudSubdomain.force.com/store/Page1", "",
"2022-08-03T08:12:41.015Z", "", "Salesforce.com IP", ""
"HostnameRedirects", "20220803113801", "4kNQs7BYKbSbIWGxqZ8Lz-", "00D000000000aIW",
"", "0", "", "", "", "", "Redirection prevented due to a hostname mismatch.", "",
"oldMyDomainName.lightning.force.com", "currentMyDomainName.lightning.force.com",
"", "", "0",
"https://sandboxMyDomainName--SandboxName.sandbox.lightning.force.com/r/product__c/a0000000000000IAI/view",
"https://sandboxMyDomainName--SandboxName.sandbox.lightning.force.com",
"2022-08-03T11:38:01.015Z", "", "Salesforce.com IP", ""
```

For more information on Salesforce CLI, see the [Salesforce CLI Setup Guide](#), [Salesforce CLI Command Reference](#), and the [Salesforce DX Developer Guide](#).

REST API Example

To use REST API to query the Hostname Redirects event log, use the [Query](#) resource to retrieve field values from a record. Specify the fields you want to retrieve in the `fields` parameter and use the GET method of the resource.

Example

This example retrieves the HostnameRedirects event log based on `Field` and `EventType` via a GET request. Replace `token` with your access token. In a production org, replace `MyDomainName` with your My Domain name. In a sandbox, replace `MyDomainName.my.salesforce.com` with your org's My Domain login hostname.

```
curl https://MyDomainName.my.salesforce.com/services/data/v60.0/query?q=SELECT+
LogDate%2C+LogFile+FROM+EventLogFile+WHERE+EventType%3D%27HostnameRedirects%27
+ORDER+BY+CreatedDate+DESC+LIMIT+1 -H "Authorization: Bearer token"
```

Example raw response

```
{ "totalSize": 1, "done": true, "records": [ { "attributes":
{ "type": "EventLogFile", "url": "/services/data/v56.0/objects/EventLogFile/
0AT00000003KxUSWA0" }, "LogDate": "2022-08-03T00:00:00.000+0000", "LogFile": "
/services/data/v56.0/objects/EventLogFile/0AT00000003KxUSWA0/LogFile" } ] }
```

The log file can be downloaded by using curl with the same Authorization header while setting the URL path to the `LogFile` value from the output.

For more information on accessing event log files via REST API, see [Using Event Monitoring](#) in the REST API Developer Guide.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Insecure External Assets Event Type

Insecure External Assets events contain information about external assets. External assets include images or videos accessed by users over an insecure HTTP protocol. The event lists all your Salesforce pages that contain assets hosted insecurely on third-party sites that users loaded with a Chrome, Firefox, Microsoft Edge, or Safari browser. The `INSECURE_URI` field contains the URI being used to load the asset insecurely. The Insecure External Assets event type is available in the EventLogFile object in API version 42.0 and later.

Assets over HTTP can be manipulated through man-in-the-middle and other types of attacks. These attacks can trick users into sending their Salesforce credentials to malicious sites. Always use HTTPS in your custom code and templates for any asset you're loading from external sites.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or the [REST API Developer's Guide](#).

Fields

Field	Details
ASSET_TYPE	<p>Type String</p> <p>Description Type of insecure asset.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • Base URI • Connect • Font • Frame Ancestor: External page that embeds the Salesforce page in an iframe • Frame • Image • Media • Object • Other • Plugin Types • Script • Style
CLIENT_IP	<p>Type String</p>

Field	Details
	<p>Description</p> <p>The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96.43.144.26.</p>
CPU_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DOCUMENT_URI	<p>Type</p> <p>String</p> <p>Description</p> <p>URL of the page that contains the insecure asset, excluding the query parameter.</p> <p>Example</p> <p>https://company.my.salesforce.com/00XXXXXXXXX</p>
EVENT_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of event. The value is always <code>InsecureExternalAssets</code>.</p>
INSECURE_URI	<p>Type</p> <p>String</p> <p>Description</p> <p>Insecure external asset URL being used to load an asset insecurely. For example, loading Javascript libraries using <code>http://ajax.googleapis.com/</code> in your custom code will log an Insecure External Asset Event with the <code>INSECURE_URI</code> field set to this URL. Find this reference in your code and update it to use <code>https://ajax.googleapis.com/</code> instead.</p> <p>Example</p> <p>http://pbs.twimg.com/profile_images/5699091412070816/Z4Stwts_normal.jpeg</p>
LOGIN_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>For example: GeJCSym5eyvtEK2I.</p>

Field	Details
ORGANIZATION_ID	<p>Type String</p> <p>Description The 15-character ID of the org.</p> <p>Example 00D000000000123</p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.</p>
RUN_TIME	<p>Type Number</p> <p>Description The amount of time that the request took in milliseconds.</p>
SESSION_KEY	<p>Type String</p> <p>Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT. For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
TYPE	<p>Type String</p>

Field	Details
	<p>Description Type of Salesforce page.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • Appserver: Page without My Domain subdomain (for example, https://na44.salesforce.com) • Communities: Customer Experience Cloud site • Email: Email preview • Login: Login page (for example, https://login.salesforce.com) • Mydomain: Page on My Domain subdomain (for example, https://mycompany.my.salesforce.com) • Sites: Customer site • Static: Static content (for example, https://sfdcstatic.com) • Unknown: other type of page
UNIQUE_ID	<p>Type String</p> <p>Description The 32-character ID of the event log file in which the insecure external asset event data is found.</p> <p>Example 44e128a5-ac7a-4c9a-be4c-224b6bf81b20</p>
URI	<p>Type String</p> <p>Description The URI of the page that's receiving the request. For example: <code>/home/home.jsp</code>.</p>
URI_ID_DERIVED	<p>Type ID</p> <p>Description The 18-character case insensitive ID of the URI of the page that's receiving the request.</p>
USER_ID	<p>Type Id</p> <p>Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: <code>00530000009M943</code></p>
USER_ID_DERIVED	<p>Type Id</p>

Field	Details
	Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 005900000000I1SNIA0.

Usage

UNIQUE_ID is used by Salesforce Customer Support to troubleshoot any issues that occur.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Insufficient Access Event Type

Insufficient Access events contain details about errors relating to insufficient record access, so that you can troubleshoot and resolve access issues for your users.



Note: Insufficient access errors resulting from bulk operations involving two or more records aren't logged.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

For more information on interpreting Insufficient Access events, see this [knowledge article](#).

Fields

Field	Details
ACCESS_ERROR	Type String Description The type of insufficient access error that the user received. Valid values are: <ul style="list-style-type: none"> DATA_NOT_AVAILABLE—The record is no longer accessible. For example, a record was deleted and moved to the Recycle Bin. INVALID_TYPE—The record type doesn't exist. NO_ACCESS—The user doesn't have the required access level to complete the attempted action on the record. Example NO_ACCESS
ACTUAL_LOGGED_IN_USER_ID	Type Id

Field	Details
	<p>Description</p> <p>The 15-character ID of the user who initiated the action that caused the insufficient access error. For example, a user attempts to transfer ownership of a record to a teammate, but the operation fails because the teammate doesn't have the required access. In this scenario, the <code>ACTUAL_LOGGED_IN_USER_ID</code> is the user who attempted to transfer access, and the <code>USER_ID</code> is their teammate.</p> <p>Example</p> <p>005XXXXXXXXXXXXX</p>
ENTITY_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The object for which the user received the insufficient access error. Access errors for the account, case, contact, and opportunity objects are supported.</p> <p>Example</p> <p>Account</p>
ERROR_DESCRIPTION	<p>Type</p> <p>String</p> <p>Description</p> <p>Description of the insufficient access error that the user received.</p> <p>Example</p> <p>User 005XXXXXXXXXXXXX doesn't have full access for the record 001XXXXXXXXXXXXX.</p>
ERROR_TIMESTAMP	<p>Type</p> <p>String</p> <p>Description</p> <p>The time in GMT that the insufficient access error occurred.</p> <p>Example</p> <p>20130715233322.670</p>
EVENT_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of event. The value is always <code>InsufficientAccess</code>.</p>
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the organization.</p> <p>Example</p> <p>00DXXXXXXXXXXXXX</p>

Field	Details
RECORD_ID	<p>Type String</p> <p>Description The ID of the record that the user doesn't have access to.</p> <p>Example 001XXXXXXXXXXXX</p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>Example 3nWgxWbDKWWDIk0FKfF5DV</p>
REQUESTED_ACCESS_LEVEL	<p>Type String</p> <p>Description The access level required by the user's attempted action on the record. Valid values are:</p> <ul style="list-style-type: none"> • DELETE • FULL • READ • TRANSFER • WRITE <p>Example FULL</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT.</p> <p>Example 20130715233322.670</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p> <p>Example 2015-07-27T11:32:59.555Z</p>

Field	Details
USER_ID	<p>Type Id</p> <p>Description The 15-character ID of the user for whom the insufficient access error occurred, either when the user couldn't access a record, the user couldn't complete an operation, or the user was the intended recipient of a record transfer that failed because the user didn't have the required access.</p> <p>Example 005XXXXXXXXXXXXX</p>
USER_ID_DERIVED	<p>Type Id</p> <p>Description The 18-character case-insensitive ID of the user for whom the insufficient access error occurred, either when the user couldn't access a record or the user was the intended recipient of a record transfer that wasn't completed.</p> <p>Example 005XXXXXXXXXXXXXIA0</p>

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

[Knowledge Article: Interpret Insufficient Access Event Logs](#)

Knowledge Article View Event Type

Knowledge Article View events contain user activity with your knowledge base.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
ARTICLE_ID	<p>Type Id</p> <p>Description The 15-character ID of the article. For example: 00Dxx0000001gEb.</p>
ARTICLE_STATUS	<p>Type Character</p>

	Description Possible values are: <ul style="list-style-type: none">• D—Draft• O—Online• A—Archived
ARTICLE_VERSION	Type Number Description Article version number. For example: 2.
ARTICLE_VERSION_ID	Type Id Description The 15-character ID of the article version. For example: ka0R000000005rt6.
CONTEXT	Type String Description Context of the request. Description Possible values are: <ul style="list-style-type: none">• Apex• API• empty string
ENTITY	Type String Description Entity requested. For example: Knowledge__kav.
EVENT_TYPE	Type String Description The type of event. The value is always KnowledgeArticleView.
LANGUAGE	Type String

	Description iso-code of the language. For example: en_US/ Example
LARGE_LANGUAGE_MODEL	Type String Description The name of the large language model (LLM) that generated the knowledge article version.
LAST_VERSION	Type Boolean Description True if it is the last version. Possible values are: <ul style="list-style-type: none">• True• False
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
SESSION_ID	Type String Description Session ID of the request. For example: gV7pCSW2vGaaJNFi3GSpuPIjNbKVbSxRvx34LJsIvuc= Example

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. The timezone is GMT.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

Character

Description

User type of the request.

Possible values are:

- A—App
- C—Customer Portal
- P—Partner Portal
- G—guest
-

Lightning Error Event Type

Lightning Error events represent errors that occurred during user interactions with Lightning Experience and the Salesforce mobile app. This event type is available in the EventLogFile object in API version 39.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
APP_NAME	Type String Description The name of the application that the user accessed.
BROWSER_NAME	Type String Description The name of the browser that the user accessed. Example Chrome, IE, Safari, Gecko
BROWSER_VERSION	Type String Description The version of the browser that the user accessed in <code>major.minor version</code> format. Some browsers don't provide a minor version.
CLIENT_GEO	Type String Description The geolocation of the client in the form of <Country>/<State Province>. Example United States/California
CLIENT_ID	Type String Description The API client ID.
CLIENT_IP	Type String

Field	Details
	<p>Description</p> <p>The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96.43.144.26.</p>
COMPONENT_NAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The internal name of the standard component that generated the error. The Salesforce developer assigned the name when the standard component was created.</p> <p>Examples</p> <ul style="list-style-type: none"> • SaveEdit • Lead.CCPM_sendSMS • ChangeOwnerOne
CONNECTION_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of connection.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • CDMA1x • CDMA • EDGE • EVDO0 • EVDOA • EVDOB • GPRS • HRPD • HSDPA • HSUPA • LTE • WIFI
DEVICE_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The unique identifier used to identify a device when tracking events. DEVICE_ID is a generated value that's created when the mobile app is initially run after installation.</p>

Field	Details
DEVICE_MODEL	<p>Type String</p> <p>Description The name of the device model.</p> <p>Example iPad, iPhone</p>
DEVICE_PLATFORM	<p>Type String</p> <p>Description The type of application experience in <code>name:experience:form</code> format.</p> <p>Possible Values Name</p> <ul style="list-style-type: none">• APP_BUILDER• CUSTOM• S1• SFX <p>Experience</p> <ul style="list-style-type: none">• BROWSER• HYBRID <p>Form</p> <ul style="list-style-type: none">• DESKTOP• PHONE• TABLET
DEVICE_SESSION_ID	<p>Type Id</p> <p>Description The unique identifier of the user's session based on page load time. If the user reloads a page, it starts a new session.</p> <p>Example 321a1ddfaf924803a075f1e69fc87bc06f53ccd0</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>LightningError</code>.</p>
LOGIN_KEY	<p>Type String</p>

Field	Details
	<p>Description</p> <p>The string that ties together all events in a user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>Example</p> <p>GeJCsym5eyvtEK2l</p>
MESSAGE	<p>Type</p> <p>String</p> <p>Description</p> <p>The error message generated.</p>
ORGANIZATION_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The 15-character ID of the org.</p> <p>Example</p> <p>00D000000000123</p>
OS_NAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The operating system name, derived from USER_AGENT.</p> <p>Example</p> <p>Android, iOS, OSX, Windows</p>
OS_VERSION	<p>Type</p> <p>String</p> <p>Description</p> <p>The operating system version, derived from USER_AGENT.</p>
PAGE_APP_NAME	<p>Type</p> <p>String</p> <p>Description</p> <p>The internal name of the application that the user accessed from the App Launcher.</p> <p>Example</p> <p>LightningSales</p>
PAGE_CONTEXT	<p>Type</p> <p>String</p> <p>Description</p> <p>Context of the page where the event occurred.</p>

Field	Details
	Example clients:cardsContainer
PAGE_ENTITY_ID	Type Id Description The unique entity identifier of the event. Example 0013000000I3zJAAAZ
PAGE_ENTITY_TYPE	Type String Description The entity type of the event. Example Task, Account
PAGE_START_TIME	Type Number Description The time when the page was initially loaded, measured in milliseconds. Example 1471564788642
PAGE_URL	Type String Description Relative URL of the top-level Lightning Experience or Salesforce mobile app page that the user opened. The page can contain one or more Lightning components. Multiple record IDs can be associated with PAGE_URL. Example /sObject/0064100000JXITSAA5/view
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. Example 3nWgxWbDKWWWDik0FKfF5DV

Field	Details
SDK_APP_TYPE	<p>Type String</p> <p>Description The mobile SDK application type.</p> <p>Possible Values</p> <ul style="list-style-type: none">• HYBRID• HYBRIDLOCAL• HYBRIDREMOTE• NATIVE• REACTNATIVE
SDK_APP_VERSION	<p>Type String</p> <p>Description The mobile SDK application version number.</p> <p>Example 5.0</p>
SDK_VERSION	<p>Type String</p> <p>Description The mobile SDK version number.</p> <p>Example 2.1.0</p>
SESSION_KEY	<p>Type String</p> <p>Description The user's unique session ID. You can use this value to identify all events in Lightning Experience within a session. When a user logs out and logs in again, a new session is started.</p> <p>Example cdd09305cb6babf34059e27f70e47f1b11dec868</p>
STACK_TRACE	<p>Type String</p> <p>Description The stack trace contains the location in the code where the error occurred along with the calling frames that led to the error.</p>
TIMESTAMP	<p>Type String</p>

Field	Details
	Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
UI_EVENT_ID	Type String Description ID of the Lightning event type. Possible Values <ul style="list-style-type: none"> • ltng:error • ltng:interaction • ltng:pageView • ltng:performance
UI_EVENT_SEQUENCE_NUM	Type Number Description An auto-incremented sequence number of the current event since the session started.
UI_EVENT_SOURCE	Type String Description The source of the error event. Examples Here are some examples of error flags returned in this field. <ul style="list-style-type: none"> • AuraError • Error • InvalidStateError • RangeError • ReferenceError • SecurityError • SyntaxError • TypeError

Field	Details
	<ul style="list-style-type: none"> unknown
UI_EVENT_TIMESTAMP	<p>Type Number</p> <p>Description The time at which this event occurred, measured in milliseconds.</p> <p>Example 1479769912796</p>
UI_EVENT_TYPE	<p>Type String</p> <p>Description The type of interaction.</p> <p>Examples</p> <ul style="list-style-type: none"> crud — Created, read, updated, or deleted the record. reads — Read multiple records.
USER_AGENT	<p>Type String</p> <p>Description The numeric code for the type of client used to make the request (for example, browser, application, or API) as a string.</p>
USER_ID	<p>Type String</p> <p>Description The 15-character ID of the user accessing Salesforce services through the UI or API.</p> <p>Example 005300000009M943</p>
USER_ID_DERIVED	<p>Type Id</p> <p>Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or the API.</p> <p>Example 005900000000I1SNIA0</p>
USER_TYPE	<p>Type String</p> <p>Description The category of user license of the user accessing Salesforce services through the UI or API.</p>

Field	Details
	Possible Values <ul style="list-style-type: none">• A: Automated Process• b: High Volume Portal• C: Customer Portal User• D: External Who• E: Self Service• G: Guest• L: Package License Manager• N: Salesforce to Salesforce• n: CSN Only• O: Power Custom• o: Custom• P: Partner• p: Customer Portal Manager• S: Standard• X: Salesforce Administrator

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Lightning Interaction Event Type

Lightning Interaction events track user actions in Lightning Experience and the Salesforce mobile app, such as the user clicking, tapping, or scrolling on a page. This event type is available in the EventLogFile object in API version 39.0 and later.



Warning: The Lightning Interaction Event type is a best effort logging of user interactions but is not intended to meet privacy and security audit requirements. Not all interactions or CRUD operations are tracked and data loss may occur.


For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).


Fields



Field	Details
APP_NAME	Type String
	Description The name of the application that the user accessed.

Field	Details
BROWSER_NAME	<p>Type String</p> <p>Description The name of the browser that the user accessed.</p> <p>Example Chrome, IE, Safari, Gecko</p>
BROWSER_VERSION	<p>Type String</p> <p>Description The version of the browser that the user accessed in <code>major.minor version</code> format. Some browsers don't provide a minor version.</p>
CLIENT_GEO	<p>Type String</p> <p>Description The geolocation of the client in the form of <Country>/<State Province>.</p> <p>Example United States/California</p>
CLIENT_ID	<p>Type String</p> <p>Description The API client ID.</p>
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
COMPONENT_NAME	<p>Type String</p> <p>Description The internal name of the standard component that the user interacted with. The Salesforce developer assigned the name when the standard component was created.</p> <p>Examples</p> <ul style="list-style-type: none">• SaveEdit• Lead.CCPM_sendSMS• ChangeOwnerOne

Field	Details
CONNECTION_TYPE	<p>Type String</p> <p>Description The type of connection.</p> <p>Possible Values</p> <ul style="list-style-type: none">• CDMA1x• CDMA• EDGE• EVDO0• EVDOA• EVDOB• GPRS• HRPD• HSDPA• HSUPA• LTE• WIFI
DEVICE_ID	<p>Type String</p> <p>Description The unique identifier used to identify a device when tracking events. <code>DEVICE_ID</code> is a generated value that's created when the mobile app is initially run after installation.</p>
DEVICE_MODEL	<p>Type String</p> <p>Description The name of the device model.</p> <p>Example iPad, iPhone</p>
DEVICE_PLATFORM	<p>Type String</p> <p>Description The type of application experience in <code>name:experience:form</code> format.</p> <p>Possible Values Name</p> <ul style="list-style-type: none">• APP_BUILDER• CUSTOM• S1

Field	Details
	<ul style="list-style-type: none"> SFX <p>Experience</p> <ul style="list-style-type: none"> BROWSER HYBRID <p>Form</p> <ul style="list-style-type: none"> DESKTOP PHONE TABLET
DEVICE_SESSION_ID	<p>Type Id</p> <p>Description The unique identifier of the user's session based on page load time. When the user reloads a page, a new session is started.</p> <p>Example 321a1ddfaf924803a075f1e69fc87bc06f53ccd0</p>
DURATION	<p>Type Number</p> <p>Description The duration in milliseconds since the page start time.</p> <p> Warning: This field is being deprecated.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>LightningInteraction</code>.</p>
GRANDPARENT_UI_ELEMENT	<p>Type String</p> <p>Description Grandparent scope of the page element where the event occurred.</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>Example GeJCsym5eyvtEK2l</p>

Field	Details
ORGANIZATION_ID	<p>Type String</p> <p>Description The 15-character ID of the org.</p> <p>Example 00D000000000123</p>
OS_NAME	<p>Type String</p> <p>Description The operating system name, derived from USER_AGENT.</p> <p>Example Android, iOS, OSX, Windows</p>
OS_VERSION	<p>Type String</p> <p>Description The operating system version, derived from USER_AGENT.</p>
PAGE_APP_NAME	<p>Type String</p> <p>Description The internal name of the application that the user accessed from the App Launcher.</p> <p>Example LightningSales</p>
PAGE_CONTEXT	<p>Type String</p> <p>Description Context of the page where the event occurred.</p> <p>Example clients:cardsContainer</p> <p> Note: A value of UNKNOWN means that the page hasn't finished loading, so the context can't be identified.</p>
PAGE_ENTITY_ID	<p>Type Id</p> <p>Description The unique entity identifier of the event.</p> <p>Example 0013000000I3zJAAAZ</p>

Field	Details
PAGE_ENTITY_TYPE	<p>Type String</p> <p>Description The entity type of the event.</p> <p>Example Task, contacts</p> <p> Note: A value of UNKNOWN means that the page hasn't finished loading or the page isn't displaying a record, so the entity type can't be identified.</p>
PAGE_START_TIME	<p>Type Number</p> <p>Description The time when the page was initially loaded, measured in milliseconds.</p> <p>Example 1471564788642</p>
PAGE_URL	<p>Type String</p> <p>Description Relative URL of the top-level Lightning Experience or Salesforce mobile app page that the user opened. The page can contain one or more Lightning components. Multiple record IDs can be associated with PAGE_URL.</p> <p>Example /sObject/0064100000JXITSAA5/view</p> <p> Note: A value of UNKNOWN means that the page hasn't finished loading, so the URL can't be identified.</p>
PARENT_UI_ELEMENT	<p>Type String</p> <p>Description Parent scope of the page element where the event occurred.</p>
RECORD_ID	<p>Type String array</p> <p>Description The IDs of one or more records that the user interacted with. For more information on the user interaction, see UI_EVENT_TYPE and UI_EVENT_SOURCE fields.</p> <p>Example ["5004100000JaGGLAA3", "5004100000Dn79CAAR", "50041000007KeugAAC"]</p>

Field	Details
RECORD_TYPE	<p>Type String</p> <p>Description The type of record object that the user interacted with.</p> <p>Examples</p> <ul style="list-style-type: none">• Account• Opportunity
RELATED_LIST	<p>Type String</p> <p>Description The type of related list that the user clicked.</p> <p>Example Opportunity</p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>Example 3nWgxWbDKWWDiK0FKfF5DV</p>
SDK_APP_TYPE	<p>Type String</p> <p>Description The mobile SDK application type.</p> <p>Possible Values</p> <ul style="list-style-type: none">• HYBRID• HYBRIDLOCAL• HYBRIDREMOTE• NATIVE• REACTNATIVE
SDK_APP_VERSION	<p>Type String</p> <p>Description The mobile SDK application version number.</p> <p>Example 5.0</p>

Field	Details
SDK_VERSION	<p>Type String</p> <p>Description The mobile SDK version number.</p> <p>Example 2.1.0</p>
SESSION_KEY	<p>Type String</p> <p>Description The user's unique session ID. You can use this value to identify all events in Lightning Experience within a session. When the user logs out and logs in again, a new session is started.</p> <p>Example cdd09305cb6babf34059e27f70e47f1b11dec868</p>
TARGET_UI_ELEMENT	<p>Type String</p> <p>Description The target page element where the event occurred.</p> <p>Example label bBody truncate, tabitem-link</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT. For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
UI_EVENT_ID	<p>Type String</p> <p>Description Id of the Lightning event type.</p>

Field	Details
	Possible Values <ul style="list-style-type: none"> • <code>ltng:error</code> • <code>ltng:interaction</code> • <code>ltng:pageView</code> • <code>ltng:performance</code>
UI_EVENT_SEQUENCE_NUM	Type Number Description An auto-incremented sequence number of the current event since the session started.
UI_EVENT_SOURCE	Type String Description The user action on the record or records in <code>RECORD_ID</code> . This field's value indicates whether the user's action was on a single record or multiple records. For example, <code>read</code> indicates that one record was read (such as on a record detail page); <code>reads</code> indicates that multiple records were read (such as in a list view). Examples <ul style="list-style-type: none"> • <code>click</code> • <code>create</code> • <code>delete</code> • <code>hover</code> • <code>read</code> • <code>update</code>
UI_EVENT_TIMESTAMP	Type Number Description The time at which this event occurred, measured in milliseconds. Example 1479769912796
UI_EVENT_TYPE	Type String Description The type of interaction with the records in <code>RECORD_ID</code> . Examples <ul style="list-style-type: none"> • <code>crud</code> — Created, read, updated, or deleted the record. • <code>reads</code> — Read multiple records.

Field	Details
USER_AGENT	<p>Type String</p> <p>Description The numeric code for the type of client used to make the request (for example, the browser, application, or API) as a string.</p>
USER_ID	<p>Type String</p> <p>Description The 15-character ID of the user accessing Salesforce services through the UI or API.</p> <p>Example 005300000009M943</p>
USER_ID_DERIVED	<p>Type Id</p> <p>Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or the API.</p> <p>Example 005900000000I1SNIA0</p>
USER_TYPE	<p>Type String</p> <p>Description The category of user license of the user accessing Salesforce services through the UI or API.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • A: Automated Process • b: High Volume Portal • C: Customer Portal User • D: External Who • F: Self Service • G: Guest • L: Package License Manager • N: Salesforce to Salesforce • n: CSN Only • O: Power Custom • o: Custom • P: Partner • p: Customer Portal Manager • S: Standard

Field	Details
	<ul style="list-style-type: none">x: Salesforce Administrator

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Lightning Logger Event Type

Lightning Logger events contain information from observed Lightning component logs. This event type is available in the EventLogFile object in API version 58.0 and later.

To enable Lightning Logger events, from Setup, in the Quick Find box, enter *event*, and then select **Event Monitoring Settings**. Turn on Lightning Logger Events.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
APP_NAME	Type String Description The name of the application the user accessed.
BROWSER_NAME	Type String Description The name of the browser that the user accessed. Example Chrome, IE, Safari, Gecko
BROWSER_VERSION	Type String Description The user's browser version in <code>major.minor</code> format. Some browsers don't provide a minor version.
CLIENT_GEO	Type String Description The geolocation of the client in the form of <code><Country>/<State Province></code> .

	Example United States/California
CLIENT_ID	Type String Description The API client ID.
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP, such as a login from AppExchange, is shown as "Salesforce.com IP". Example 96.43.144.26
CONNECTION_TYPE	Type String Description The type of connection. Possible Values <ul style="list-style-type: none">• CDMA1x• CDMA• EDGE• EVDO0• EVDOA• EVDOB• GPRS• HRPD• HSDPA• HSUPA• LTE• WIFI
DEVICE_MODEL	Type String Description The name of the device model. Example iPad, iPhone

DEVICE_PLATFORM

Type

String

Description

The type of application experience in `name:experience:form` format.

Possible Values

Name

- APP_BUILDER
- CUSTOM
- S1
- SFX

Experience

- BROWSER
- HYBRID

Form

- DESKTOP
- PHONE
- TABLET

DEVICE_SESSION_ID

Type

Id

Description

The unique identifier of the user's session based on page load time. When the user reloads a page, a new session is started.

Example

321a1ddfaf924803a075f1e69fc87bc06f53ccd0

EVENT_TYPE

Type

String

Description

The type of event. The value is always `LightningLogger`.

LOGIN_KEY

Type

String

Description

The string that ties together all events in a user's login session. It starts with a login event and ends with either a logout event or the user session expiring.

Example

GeJCsym5eyvtEK2l

MESSAGE

Type

String

Description

The message passed to the `lightning/logger log()` method. The message can be a JSON object or a string. String length is limited to 4 KB (4096 characters).

ORGANIZATION_ID

Type

String

Description

The 15-character ID of the org.

Example

00D000000000123

OS_NAME

Type

String

Description

The operating system name, derived from the User Agent.

Example

Android, iOS, OSX, Windows

OS_VERSION

Type

String

Description

The operating system version, derived from the User Agent.

PAGE_CONTEXT

Type

String

Description

The name of the component hosting the main page content.

Example

clients:cardsContainer

PAGE_ENTITY_ID

Type

Id

Description

The entity ID (if any) of the record being displayed.

Example

001300000013zJAAAZ

PAGE_ENTITY_TYPE

Type

String

	Description The entity type of the page being displayed.
	Example Task, contacts
PAGE_URL	Type String
	Description Relative URL of the top-level Lightning Experience or Salesforce mobile app page that the user opened. The page can contain one or more Lightning components. Multiple record IDs can be associated with PAGE_URL.
	Example /sObject/0064100000JXITSAA5/view
REQUEST_ID	Type String
	Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.
	Example 3nWgxWbDKWWDik0FKfF5DV
SDK_APP_TYPE	Type String
	Description The mobile SDK application type.
	Possible Values <ul style="list-style-type: none">• HYBRID• HYBRIDLOCAL• HYBRIDREMOTE• NATIVE• REACTNATIVE
SDK_APP_VERSION	Type String
	Description The mobile SDK application version number.
	Example 5.0

SDK_VERSION

Type

String

Description

The mobile SDK version number.

Example

2.1.0

SEQUENCE

Type

Number

Description

An auto-incremented sequence number of the current event since the session started.

SESSION_KEY

Type

String

Description

The user's unique session ID. Use this value to identify all events in Lightning Experience within a session. When the user logs out and logs in again, a new session is started.

Example

cdd09305cb6babf34059e27f70e47f1b11dec868

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

Example

20130715233322.670

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

Example

2015-07-27T11:32:59.555Z. The timezone is GMT.

UI_EVENT_RELATIVE_TIMESTAMP

Type

Number

Description

Difference in milliseconds between when the message was logged and when the browser tab was opened.

	Example 29322.23
UI_EVENT_TIMESTAMP	Type Number Description The time at which this event occurred, measured in milliseconds. Example 1479769912796
USER_ID	Type String Description The 15-character ID of the user accessing Salesforce services through the UI or API. Example 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or the API. Example 0059000000001SNIA0
USER_TYPE	Type String Description The category of user license of the user accessing Salesforce services through the UI or API. Possible Values <ul style="list-style-type: none">• A: Automated Process• b: High Volume Portal• C: Customer Portal User• D: External Who• F: Self-Service• G: Guest• L: Package License Manager• N: Salesforce to Salesforce• n: CSN Only

- O: Power Custom
- o: Custom
- P: Partner
- p: Customer Portal Manager
- S: Standard
- x: Salesforce Administrator

Lightning Page View Event Type

Lightning Page View events represent information about the page on which the event occurred in Lightning Experience and the Salesforce mobile app. A Lightning Page View event tracks the page a user visited, how long the user spent on the page, and the load time for the page. This event type is available in the EventLogFile object in API version 39.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
APP_NAME	Type String Description The name of the application that the user accessed.
BROWSER_NAME	Type String Description The name of the browser that the user accessed. Example Chrome, IE, Safari, Gecko
BROWSER_VERSION	Type String Description The version of the browser that the user accessed in <code>major.minor version</code> format. Some browsers don't provide a minor version.
CLIENT_GEO	Type String Description The geolocation of the client in the form of <code><Country>/<State Province></code> . Example United States/California

Field	Details
CLIENT_ID	<p>Type String</p> <p>Description The API client ID.</p>
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
CONNECTION_TYPE	<p>Type String</p> <p>Description The type of connection.</p> <p>Possible Values</p> <ul style="list-style-type: none">• CDMA1x• CDMA• EDGE• EVDO0• EVDOA• EVDOB• GPRS• HRPD• HSDPA• HSUPA• LTE• WIFI
DEVICE_ID	<p>Type String</p> <p>Description The unique identifier used to identify a device when tracking events. <code>DEVICE_ID</code> is a generated value that's created when the mobile app is initially run after installation.</p>
DEVICE_MODEL	<p>Type String</p> <p>Description The name of the device model.</p>

Field	Details
	Example iPad, iPhone
DEVICE_PLATFORM	Type String Description The type of application experience in <code>name:experience:form</code> format. Possible Values Name <ul style="list-style-type: none"> • APP_BUILDER • CUSTOM • S1 • SFX Experience <ul style="list-style-type: none"> • BROWSER • HYBRID Form <ul style="list-style-type: none"> • DESKTOP • PHONE • TABLET
DEVICE_SESSION_ID	Type Id Description The unique identifier of the user's session based on page load time. When the user reloads a page, a new session is started. Example 321a1ddfaf924803a075f1e69fc87bc06f53ccd0
DURATION	Type Number Description The duration in milliseconds since the page start time.
EFFECTIVE_PAGE_TIME	Type Double Description Indicates how many milliseconds it took for the page to load before a user could interact with the page's functionality. Multiple factors can affect effective page time, such as network speed, hardware performance, or page complexity.

Field	Details
EFFECTIVE_PAGE_TIME_DEVIATION	<p>Type Boolean</p> <p>Description When a deviation is detected, <code>EFFECTIVE_PAGE_TIME_DEVIATION</code> records <code>true</code>. The default value is <code>false</code>.</p>
EFFECTIVE_PAGE_TIME_DEVIATION_ERROR_TYPE	<p>Type String</p> <p>Description Indicates the origin of an error. This field is populated when <code>EFFECTIVE_PAGE_TIME_DEVIATION_REASON</code> contains the <code>PAGE_HAS_ERROR</code> value.</p> <p>Possible Values</p> <ul style="list-style-type: none"> <code>CUSTOM</code>—An error originating from the customer's system or network. <code>SYSTEM</code>—An error originating in Salesforce.
EFFECTIVE_PAGE_TIME_DEVIATION_REASON	<p>Type String</p> <p>Description The reason for deviation in page loading time.</p> <p>Possible Values</p> <ul style="list-style-type: none"> <code>PageInDom</code>—The page was loaded from a cache. <code>PageHasError</code>—An undefined page loading error occurred. <code>PageNotLoaded</code>—If a customer navigates away from a page while loading processes are in progress, the page doesn't finish loading. <code>PreviousPageNotLoaded</code>—When navigating to a new page, and the previous page hasn't completed loading, the next page is considered to have a deviation. Incomplete loading processes on a previous page can affect how the next page loads. <code>InteractionsBeforePageLoaded</code>—A user interacts with a page element before the page is fully loaded. <code>PageInBackgroundBeforeLoaded</code>—A background loading process runs on a page. Background processes run when a user navigates away from a page to another browser tab. The browser de-prioritizes the page in the background until the user activates the page's tab. Because a user can leave a page in the background for a long time, the page is expected to have a high Effective Page Time (EPT).
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>LightningPageView</code>.</p>
GRANDPARENT_UI_ELEMENT	<p>Type String</p>

Field	Details
	Description The grandparent scope of the page element where the event occurred.
LOGIN_KEY	Type String Description The string that ties together all events in a user's login session. It starts with a login event and ends with either a logout event or the user session expiring. Example GeJCsym5eyvtEK2l
ORGANIZATION_ID	Type String Description The 15-character ID of the org. Example 00D000000000123
OS_NAME	Type String Description The operating system name, derived from USER_AGENT. Example Android, iOS, OSX, Windows
OS_VERSION	Type String Description The operating system version, derived from USER_AGENT.
PAGE_APP_NAME	Type String Description The internal name of the application that the user accessed from the App Launcher. Example LightningSales
PAGE_CONTEXT	Type String Description The name of the component hosting the main content of the page.

Field	Details
	Example clients:cardsContainer
PAGE_ENTITY_ID	Type Id Description The unique entity identifier of the event. Example 0013000000I3zJAAAZ
PAGE_ENTITY_TYPE	Type String Description The entity type of the event. Example Task, contacts
PAGE_START_TIME	Type Number Description The time when the page was initially loaded, measured in milliseconds. Example 1471564788642
PAGE_URL	Type String Description Relative URL of the top-level Lightning Experience or Salesforce mobile app page that the user opened. The page can contain one or more Lightning components. Multiple record IDs can be associated with PAGE_URL. Example /sObject/0064100000JXITSAA5/view
PARENT_UI_ELEMENT	Type String Description The parent scope of the page element where the event occurred.
PREVPAGE_APP_NAME	Type String Description The internal name of the previous application that the user accessed from the App Launcher.

Field	Details
	Example LightningSales
PREVPAGE_CONTEXT	Type String Description The context of the previous page where the event occurred. Example clients:cardsContainer
PREVPAGE_ENTITY_ID	Type Id Description The unique previous page entity identifier of the event.
PREVPAGE_ENTITY_TYPE	Type String Description The previous page entity type of the event. Example Task, contacts
PREVPAGE_URL	Type String Description The relative URL of the previous Lightning Experience or Salesforce mobile app page that the user opened. Example /sObject/006410000
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. Example 3nWgxWbDKWWDIk0FKfF5DV
SDK_APP_TYPE	Type String Description The mobile SDK application type.

Field	Details
	Possible Values <ul style="list-style-type: none">• HYBRID• HYBRIDLOCAL• HYBRIDREMOTE• NATIVE• REACTNATIVE
SDK_APP_VERSION	Type String Description The mobile SDK application version number. Example 5.0
SDK_VERSION	Type String Description The mobile SDK version number. Example 2.1.0
SESSION_KEY	Type String Description The user's unique session ID. You can use this value to identify all events in Lightning Experience within a session. When the user logs out and logs in again, a new session is started. Example cdd09305cb6babf34059e27f70e47f1b11dec868
TARGET_UI_ELEMENT	Type String Description The target page element where the event occurred. Example label bBody truncate, tabitem-link
TIMESTAMP	Type String Description The access time of Salesforce services in GMT.

Field	Details
	For example: 20130715233322.670.
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. The timezone is GMT.</p>
UI_EVENT_ID	<p>Type String</p> <p>Description Id of the Lightning event type.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • ltng:error • ltng:interaction • ltng:pageView • ltng:performance
UI_EVENT_SEQUENCE_NUM	<p>Type Number</p> <p>Description An auto-incremented sequence number of the current event since the session started.</p>
UI_EVENT_SOURCE	<p>Type String</p> <p>Description This field is being deprecated and is mostly null, except in mobile app views where it indicates the page type of views where the context is "native."</p>
UI_EVENT_TIMESTAMP	<p>Type Number</p> <p>Description The time at which this event occurred, measured in milliseconds.</p> <p>Example 1479769912796</p>
USER_AGENT	<p>Type String</p>

Field	Details
	Description The type of client used to make the request (for example, the browser, application, or API) as a string.
USER_ID	Type String Description The 15-character ID of the user accessing Salesforce services through the UI or API. Example 005300000009M943
USER_ID_DERIVED	Type Id Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or the API. Example 005900000000I1SNIA0
USER_TYPE	Type String Description The category of user license of the user accessing Salesforce services through the UI or API. Possible Values <ul style="list-style-type: none"> • A: Automated Process • b: High Volume Portal • C: Customer Portal User • D: External Who • F: Self-Service • G: Guest • L: Package License Manager • N: Salesforce to Salesforce • n: CSN Only • O: Power Custom • o: Custom • P: Partner • p: Customer Portal Manager • S: Standard

Field	Details
	<ul style="list-style-type: none">• x: Salesforce Administrator

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Lightning Performance Event Type

Lightning Performance events track trends in Lightning Experience and Salesforce mobile app performance. This event type is available in the EventLogFile object in API version 39.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields


Field	Details
APP_NAME	Type String Description The name of the application that the user accessed.
BROWSER_NAME	Type String Description The name of the browser that the user accessed. Example Chrome, IE, Safari, Gecko
BROWSER_VERSION	Type String Description The version of the browser that the user accessed in <code>major.minor version</code> format. Some browsers don't provide a minor version.
CLIENT_GEO	Type String Description The geolocation of the client in the form of <Country>/<State Province>. Example United States/California

Field	Details
CLIENT_ID	<p>Type String</p> <p>Description The API client ID.</p>
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
CONNECTION_TYPE	<p>Type String</p> <p>Description The type of connection.</p> <p>Possible Values</p> <ul style="list-style-type: none">• CDMA1x• CDMA• EDGE• EVDO0• EVDOA• EVDOB• GPRS• HRPD• HSDPA• HSUPA• LTE• WIFI
DEVICE_ID	<p>Type String</p> <p>Description The unique identifier used to identify a device when tracking events. <code>DEVICE_ID</code> is a generated value that's created when the mobile app is initially run after installation.</p>
DEVICE_MODEL	<p>Type String</p> <p>Description The name of the device model.</p>

Field	Details
	Example iPad, iPhone
DEVICE_PLATFORM	Type String Description The type of application experience in <code>name:experience:form</code> format. Possible Values Name <ul style="list-style-type: none">• APP_BUILDER• CUSTOM• S1• SFX Experience <ul style="list-style-type: none">• BROWSER• HYBRID Form <ul style="list-style-type: none">• DESKTOP• PHONE• TABLET
DEVICE_SESSION_ID	Type Id Description The unique identifier of the user's session based on page load time. When the user reloads a page, a new session is started. Example 321a1ddfaf924803a075f1e69fc87bc06f53ccd0
DURATION	Type Number Description The duration in milliseconds since the page start time.
EVENT_TYPE	Type String Description The type of event. The value is always <code>LightningPerformance</code> .

Field	Details
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>Example GeJCsym5eyvtEK2l</p>
ORGANIZATION_ID	<p>Type String</p> <p>Description The 15-character ID of the org.</p> <p>Example 00D000000000123</p>
OS_NAME	<p>Type String</p> <p>Description The operating system name, derived from USER_AGENT.</p> <p>Example Android, iOS, OSX, Windows</p>
OS_VERSION	<p>Type String</p> <p>Description The operating system version, derived from USER_AGENT.</p>
PAGE_START_TIME	<p>Type Number</p> <p>Description The time when the page was initially loaded, measured in milliseconds.</p> <p>Example 1471564788642</p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>Example 3nWgxWbDKWWDIk0FKf5DV</p>

Field	Details
SDK_APP_TYPE	<p>Type String</p> <p>Description The mobile SDK application type.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • HYBRID • HYBRIDLOCAL • HYBRIDREMOTE • NATIVE • REACTNATIVE
SDK_APP_VERSION	<p>Type String</p> <p>Description The mobile SDK application version number.</p> <p>Example 5.0</p>
SDK_VERSION	<p>Type String</p> <p>Description The mobile SDK version number.</p> <p>Example 2.1.0</p>
SESSION_KEY	<p>Type String</p> <p>Description The user's unique session ID. You can use this value to identify all events in Lightning Experience within a session. When the user logs out and logs in again, a new session is started.</p> <p>Example cdd09305cb6babf34059e27f70e47f1b11dec868</p>
TIMESTAMP	<p>Type String</p> <p>Description The access time of Salesforce services in GMT. For example: 20130715233322.670.</p>

Field	Details
TIMESTAMP_DERIVED	<p>Type DateTime</p> <p>Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.</p>
UI_EVENT_ID	<p>Type String</p> <p>Description Id of the Lightning event type.</p> <p>Possible Values</p> <ul style="list-style-type: none">• ltng:error• ltng:interaction• ltng:pageView• ltng:performance <p> Note: Any other value, such as ltng:bootstrap, is for internal usage only.</p>
UI_EVENT_SOURCE	<p>Type String</p> <p>Description The user action on the record or records. This field's value indicates whether the user's action was on a single record or multiple records. For example, <code>read</code> indicates that one record was read (such as on a record detail page); <code>reads</code> indicates that multiple records were read (such as in a list view).</p> <p>Examples</p> <ul style="list-style-type: none">• click• create• delete• hover• read• update
UI_EVENT_TIMESTAMP	<p>Type Number</p> <p>Description The time at which this event occurred, measured in milliseconds.</p> <p>Example 1479769912796</p>

Field	Details
UI_EVENT_TYPE	<p>Type String</p> <p>Description The type of interaction.</p> <p>Examples</p> <ul style="list-style-type: none"> • crud — Created, read, updated, or deleted the record. • reads — Read multiple records.
USER_AGENT	<p>Type String</p> <p>Description The numeric code for the type of client used to make the request (for example, browser, application, or API) as a string.</p>
USER_ID	<p>Type String</p> <p>Description The 15-character ID of the user accessing Salesforce services through the UI or API.</p> <p>Example 005300000009M943</p>
USER_ID_DERIVED	<p>Type Id</p> <p>Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or the API.</p> <p>Example 00590000000011SNIA0</p>
USER_TYPE	<p>Type String</p> <p>Description The category of user license of the user accessing Salesforce services through the UI or API.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • A: Automated Process • b: High Volume Portal • C: Customer Portal User • D: External Who • F: Self Service • G: Guest

Field	Details
	<ul style="list-style-type: none">• L: Package License Manager• N: Salesforce to Salesforce• n: CSN Only• O: Power Custom• o: Custom• P: Partner• p: Customer Portal Manager• S: Standard• X: Salesforce Administrator

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Login Event Type

Login events contain details about your org’s user login history.

 **Note:** Login Event Type is used by EventLogFile (ELF). It isn’t a real-time event. For the LoginEvent real-time event, which is part of Real-Time Event Monitoring (RTEM), see [LoginEvent](#) in the *Platform Events Developer Guide*.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer’s Guide](#).

Fields

Field	Details
API_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of API request.</p> <p>Possible values are:</p> <ul style="list-style-type: none">• D—Apex Class• E—SOAP Enterprise• M—SOAP Metadata• P—SOAP Partner• S—SOAP Apex• T—SOAP Tooling• F—Feed• L—Live Agent• P—SOAP ClientSync

API_VERSION

Type

String

Description

The version of the API that's being used.

For example: 36.0.

AUTHENTICATION_METHOD_REFERENCE

Type

String

Description

The authentication method used by a third-party identification provider for an OpenID Connect single sign-on protocol. This field is available in API version 51.0 and later.

BROWSER_TYPE

Type

String

Description

The identifier string returned by the browser used at login.

Example values are:

- Go-http-client/1.1
- Mozilla/5.0 (Macintosh; Intel Mac OS X 10.12; rv%3A50.0) Gecko/20100101 Firefox/50.0
- Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.84 Safari/537.36

CIPHER_SUITE

Type

String

Description

The TLS cipher suite used for the login. Values are OpenSSL-style cipher suite names, with hyphen delimiters. For more information, see [OpenSSL Cryptography and SSL/TLS Toolkit](#).

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

CLIENT_IP

Type

String

	Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
DB_TOTAL_TIME	Type Number Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
EVENT_TYPE	Type String Description The type of event. The value is always Login.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
LOGIN_STATUS	Type String Description The status of the login attempt. For successful logins, the value is LOGIN_NO_ERROR. All other values indicate errors or authentication issues. For details, see Login Event Type — LOGIN_STATUS Values on page 1882.
LOGIN_SUB_TYPE	Type String Description The type of login flow used. Possible values are: <ul style="list-style-type: none"> • uiup—UI Username-Password • oauthpassword—OAuth Username-Password

- `oauthtoken`—OAuth User-Agent
- `oauthhybridtoken`—OAuth User-Agent for Hybrid Apps
- `oauthtokenidtoken`—OAuth User-Agent with ID Token
- `oauthclientcredential`—OAuth Client Credential
- `oauthcode`—OAuth Web Server
- `oauthhybridauthcode`—OAuth Web Server for Hybrid Apps

LOGIN_TYPE**Type**

String

Description

The type of login used to access the session.

Possible values are:

- 7—AppExchange
 - A—Application
 - s—Certificate-based login
 - k—Chatter Communities External User
 - n—Chatter Communities External User Third Party SSO
 - r—Employee Login to Community
 - z—Lightning Login
 - 1—Networks Portal API Only
 - 6—Remote Access Client
 - i—Remote Access 2.0
 - I—Other Apex API
 - R—Partner Product
 - w—Passwordless Login
 - 3—Customer Service Portal
 - q—Partner Portal Third-Party SSO
 - 9—Partner Portal
 - 5—SAML Idp Initiated SSO
 - m—SAML Chatter Communities External User SSO
 - b—SAML Customer Service Portal SSO
 - c—SAML Partner Portal SSO
 - h—SAML Site SSO
 - 8—SAML Sfdc Initiated SSO
 - E—SelfService
 - j—Third Party SSO
-

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D000000000123.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For Login Event Type, this

field is usually null because the event is captured before a session is created.

Example

d7DEq/ANa7nNZZVD

SOURCE_IP

Type

IP

Description

The source IP of the login request.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

TLS_PROTOCOL

Type

String

Description

The TLS protocol used for the login.

Example

There are 3 possible values.

- 1.0
- 1.1
- 1.2

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

	Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.
USER_NAME	Type String Description The username that's used for login.
USER_TYPE	Type String Description The category of user license. Possible values are: <ul style="list-style-type: none"> • <code>CsnOnly</code>—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users. • <code>CspLitePortal</code>—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site. • <code>CustomerSuccess</code>—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. • <code>Guest</code>—Users whose access is limited so that your customers can view and interact with your site without logging in. • <code>PowerCustomerSuccess</code>—Power Customer Success license. Users whose access is limited because they're

organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.

- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

Login Event Type — LOGIN_STATUS Values

When users attempt to log in to your org, the success or failure of their login attempts is tracked in event log file data. Specifically, the LOGIN_STATUS field in the Login event type contains the result of these login attempts. The data in LOGIN_STATUS can help you determine whether your users' login attempts were successful. This field is available in the Login event type in the EventLogFile object in API version 39.0 and later.

SEE ALSO:

[Login Event Type — LOGIN_STATUS Values](#)

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Login Event Type — LOGIN_STATUS Values

When users attempt to log in to your org, the success or failure of their login attempts is tracked in event log file data. Specifically, the LOGIN_STATUS field in the Login event type contains the result of these login attempts. The data in LOGIN_STATUS can help you determine whether your users' login attempts were successful. This field is available in the Login event type in the EventLogFile object in API version 39.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

API Error Code	Details (If Available)
LOGIN_CHALLENGE_ISSUED	Failed: Computer activation required
LOGIN_CHALLENGE_PENDING	Failed: Computer activation pending
LOGIN_DATA_DOWNLOAD_ONLY	
LOGIN_END_SESSION_TXN_SECURITY_POLICY	
LOGIN_ERROR_API_TOO_OLD	Failed: API Version Removed. The API version specified for login is below the minimum supported value, and has been removed. Update to a newer, supported API version.

API Error Code	Details (If Available)
LOGIN_ERROR_APPEXCHANGE_DOWN	Unable to process your login request
LOGIN_ERROR_ASYNC_USER_CREATE	
LOGIN_ERROR_AVANTGO_DISABLED	
LOGIN_ERROR_AVANTGO_TRIAL_EXP	
LOGIN_ERROR_CLIENT_NO_ACCESS	
LOGIN_ERROR_CLIENT_REQ_UPDATE	Failed: Client update required
LOGIN_ERROR_CSS_FROZEN	
LOGIN_ERROR_CSS_PW_LOCKOUT	
LOGIN_ERROR_DUPLICATE_USERNAME	
LOGIN_ERROR_EXPORT_RESTRICTED	Restricted country
LOGIN_ERROR_GLOBAL_BLOCK_DOMAIN	Restricted domain
LOGIN_ERROR_HT_DOWN	
LOGIN_ERROR_HTTP_METHOD_INVALID	Failed: Invalid HTTP method
LOGIN_ERROR_INSECURE_LOGIN	Failed: Login over insecure channel
LOGIN_ERROR_INVALID_GATEWAY	Invalid gateway
LOGIN_ERROR_INVALID_ID_FIELD	
LOGIN_ERROR_INVALID_PASSWORD	Invalid password
LOGIN_ERROR_LOGINS_EXCEEDED	Maximum logins exceeded
LOGIN_ERROR_MUST_USE_API_TOKEN	Failed: API security token required
LOGIN_ERROR_MUTUAL_AUTHENTICATION	Mutual authentication failed
LOGIN_ERROR_NETWORK_INACTIVE	Invalid - Experience Cloud site offline
LOGIN_ERROR_NO_HT_ACCESS	
LOGIN_ERROR_NO_NETWORK_ACCESS	No Experience Cloud site access
LOGIN_ERROR_NO_NETWORK_INFO	
LOGIN_ERROR_NO_PORTAL_ACCESS	Invalid profile association
LOGIN_ERROR_NO_SET_COOKIES	
LOGIN_ERROR_OFFLINE_DISABLED	Offline disabled
LOGIN_ERROR_OFFLINE_TRIAL_EXP	Offline trial expired
LOGIN_ERROR_ORG_CLOSED	Organization closed
LOGIN_ERROR_ORG_DOMAIN_ONLY	Restricted domain

API Error Code	Details (If Available)
LOGIN_ERROR_ORG_IN_MAINTENANCE	Organization is in maintenance
LOGIN_ERROR_ORG_INACTIVE	Organization is inactive
LOGIN_ERROR_ORG_IS_DOT_ORG	Organization is a DOT
LOGIN_ERROR_ORG_LOCKOUT	Organization locked
LOGIN_ERROR_ORG_SIGNING_UP	
LOGIN_ERROR_ORG_SUSPENDED	Organization suspended
LOGIN_ERROR_OUTLOOK_DISABLED	Outlook integration disabled
LOGIN_ERROR_PAGE_REQUIRES_LOGIN	
LOGIN_ERROR_PASSWORD_EMPTY	
LOGIN_ERROR_PASSWORD_LOCKOUT	Password lockout
LOGIN_ERROR_PORTAL_INACTIVE	Invalid - Portal disabled
LOGIN_ERROR_RATE_EXCEEDED	Login rate exceeded
LOGIN_ERROR_RESTRICTED_DOMAIN	Restricted IP
LOGIN_ERROR_RESTRICTED_TIME	Restricted time
LOGIN_ERROR_SESSION_TIMEOUT	
LOGIN_ERROR_SSO_PWD_INVALID	Invalid password
LOGIN_ERROR_SSO_SVC_DOWN	Your company's authentication service is down
LOGIN_ERROR_SSO_URL_INVALID	The Single Sign-On Gateway URL is invalid
LOGIN_ERROR_STORE	
LOGIN_ERROR_STORE_DOWN	
LOGIN_ERROR_SWITCH_SFDC_INSTANCE	
LOGIN_ERROR_SWITCH_SFDC_LOGIN	
LOGIN_ERROR_SYNOFFLINE_DISBLD	Failed: Mobile disabled
LOGIN_ERROR_SYSTEM_DOWN	
LOGIN_ERROR_UNKNOWN_ERROR	Login invalid
LOGIN_ERROR_USER_API_ONLY	Failed: API-only user
LOGIN_ERROR_USER_FROZEN	User is frozen
LOGIN_ERROR_USER_INACTIVE	User is inactive
LOGIN_ERROR_USER_NON_MOBILE	Failed: Mobile license required
LOGIN_ERROR_USER_STORE_ACCESS	

API Error Code	Details (If Available)
LOGIN_ERROR_USERNAME_EMPTY	
LOGIN_ERROR_WIRELESS_DISABLED	Wireless disabled
LOGIN_ERROR_WIRELESS_TRIAL_EXP	Wireless trial expired
LOGIN_LIGHTNING_LOGIN	Lightning Login required
LOGIN_NO_ERROR	
LOGIN_OAUTH_API_DISABLED	Failed: OAuth API access disabled
LOGIN_OAUTH_CONSUMER_DELETED	Failed: Consumer Deleted
LOGIN_OAUTH_DS_NOT_EXPECTED	Failed: Activation secret not expected
LOGIN_OAUTH_EXCEED_GET_AT_LMT	Failed: Get Access Token Limit Exceeded
LOGIN_OAUTH_INVALID_CODE_CHALLENGE	Failed: Invalid Code Challenge
LOGIN_OAUTH_INVALID_CODE_VERIFIER	Failed: Invalid Code Verifier
LOGIN_OAUTH_INVALID_DEVICE	Failed: Device Id missing or not registered
LOGIN_OAUTH_INVALID_DS	Failed: Activation secret invalid
LOGIN_OAUTH_INVALID_DSIG	Failed: Signature Invalid
LOGIN_OAUTH_INVALID_IP	Failed: IP Address Not Allowed
LOGIN_OAUTH_INVALID_NONCE	Failed: Invalid Nonce
LOGIN_OAUTH_INVALID_SIG_METHOD	Failed: Invalid Signature Method
LOGIN_OAUTH_INVALID_TIMESTAMP	Failed: Invalid Timestamp
LOGIN_OAUTH_INVALID_TOKEN	Failed: Invalid Token
LOGIN_OAUTH_INVALID_VERIFIER	Failed: Invalid Verifier
LOGIN_OAUTH_INVALID_VERSION	Failed: Version Not Supported
LOGIN_OAUTH_MISSING_DS	Activation secret missing
LOGIN_OAUTH_NO_CALLBACK_URL	Failed: Invalid Callback URL
LOGIN_OAUTH_NO_CONSUMER	Missing Consumer Key Parameter
LOGIN_OAUTH_NO_TOKEN	Missing OAuth Token Parameter
LOGIN_OAUTH_NONCE_REPLAY	Failed: Nonce Replay Detected
LOGIN_OAUTH_PACKAGE_MISSING	Package for this consumer is not installed in your organization
LOGIN_OAUTH_PACKAGE_OLD	Installed package for this consumer is out of date
LOGIN_OAUTH_UNEXPECTED_PARAM	Failed: Unexpected parameter
LOGIN_ORG_TRIAL_EXP	Trial Expired

API Error Code	Details (If Available)
LOGIN_READONLY_CANNOT_VALIDATE	
LOGIN_SAML_INVALID_AUDIENCE	Failed: Audience Invalid
LOGIN_SAML_INVALID_CONFIG	Failed: Configuration Error/Perm Disabled
LOGIN_SAML_INVALID_FORMAT	Failed: Assertion Invalid
LOGIN_SAML_INVALID_IN_RES_TO	Failed: InResponseTo Invalid
LOGIN_SAML_INVALID_ISSUER	Failed: Issuer Mismatched
LOGIN_SAML_INVALID_ORG_ID	Failed: Invalid Organization Id
LOGIN_SAML_INVALID_PORTAL_ID	Failed: Invalid Portal Id
LOGIN_SAML_INVALID_RECIPIENT	Failed: Recipient Mismatched
LOGIN_SAML_INVALID_SESSION_LEVEL	
LOGIN_SAML_INVALID_SIGNATURE	Failed: Signature Invalid
LOGIN_SAML_INVALID_SITE_URL	Failed: Invalid Site URL
LOGIN_SAML_INVALID_STATUS	Failed: Status Invalid
LOGIN_SAML_INVALID_SUB_CONFIRM	Failed: Subject Confirmation Error
LOGIN_SAML_INVALID_TIMESTAMP	Failed: Assertion Expired
LOGIN_SAML_INVALID_USERNAME	Failed: Username Or SSO Id Invalid
LOGIN_SAML_INVALID_VERSION	
LOGIN_SAML_MISMATCH_CERT	Failed: Signature Invalid/Configured Certificate Mismatch
LOGIN_SAML_MISSING_ORG_ID	Failed: Missing Organization Id for Portal login
LOGIN_SAML_MISSING_PORTAL_ID	Failed: Missing Portal Id
LOGIN_SAML_PROVISION_ERROR	Failed: SAML Provision Error
LOGIN_SAML_REPLAY_ATTEMPTED	Failed: Replay Detected
LOGIN_SAML_SITE_INACTIVE	Failed: Specified Site is Inactive
LOGIN_TWOFACOR_REQ	Multi-factor (formerly called two-factor) is required

Usage

Use LOGIN_STATUS to determine whether your users' login attempts were successful. For example, you can determine whether a departed employee attempted to log in successfully or unsuccessfully.

A	B	C	D	E	F	G	H	I	J	K
EVENT_TYPE	CLIENT_IP	URI	SESSION_KEY	LOGIN_KEY	REQUEST_STATUS	USER_NAME	TIMESTAMP_DERIVED	USER_ID_DERIVED	URI_ID_DERIVED	LOGIN_STATUS
Login	1.2.3.4	/my/uri/path/005B0000000GSwO	sidHash_basic	loginHash_basic	requestStatus_common	userName_L	2015-01-01T00:00:00.000	001xx0000000useAAA	005B0000000GSwOIAW	LOGIN_NO_ERROR

SEE ALSO:

[Login Event Type](#)

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Login As Event Type

Login As events contain details about what a Salesforce admin did while logged in as another user.



Note: Login As Event Type is used by EventLogFile (ELF). It isn't a real-time event. For the LoginAsEvent real-time event, which is part of Real-Time Event Monitoring (RTEM), see [LoginAsEvent](#) in the *Platform Events Developer Guide*.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96 . 43 . 144 . 26.</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DELEGATED_USER_ID	<p>Type Id</p> <p>Description The 15-character ID of the user who's using Salesforce services through the UI or API. In this case, the user who's doing the impersonation.</p>
DELEGATED_USER_ID_DERIVED	<p>Type Id</p>

	Description The 18-character case-insensitive ID of the user who's using Salesforce services through the UI or API. In this case, the user who's doing the impersonation.
DELEGATED_USER_NAME	Type String Description The username of the user who's using Salesforce services through the UI or API. In this case, the user who's doing the impersonation.
EVENT_TYPE	Type String Description The type of event. The value is always <code>LoginAs</code> .
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCSym5eyvtEK2I</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: <code>00D000000000123</code> .
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code> .
RUN_TIME	Type Number Description The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.
For example: 005900000000I1SNIA0.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Logout Event Type

Logout events contain details of user logouts.

 **Note:** Login Event Type is used by EventLogFile (ELF). It is not a real-time event. For the LoginEvent real-time event, which is part of Real-Time Event Monitoring (RTEM), see [LoginEvent](#) in the *Platform Events Developer Guide*.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
API_TYPE	<p>Type String</p> <p>Description The type of API request. Possible values are:</p> <ul style="list-style-type: none">• D—Apex Class• E—SOAP Enterprise• M—SOAP Metadata• P—SOAP Partner• S—SOAP Apex• T—SOAP Tooling• F—Feed• L—Live Agent• P—SOAP ClientSync
API_VERSION	<p>Type String</p> <p>Description The version of the API that's being used. For example: 36.0.</p>

APP_TYPE

Type

Number

Description

The application type that was in use upon logging out.

Example Values

- 1000: Application
- 1007: SFDC Application
- 1014: Chat
- 2501: CTI
- 2514: OAuth
- 3475: SFDC Partner Portal

BROWSER_TYPE

Type

String

Description

The identifier string returned by the browser used at login.

Example values are:

- Go-http-client/1.1
- Mozilla/5.0 (Macintosh; Intel Mac OS X 10.12; rv%3A50.0) Gecko/20100101 Firefox/50.0
- Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.84 Safari/537.36

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".

For example: 96.43.144.26.

CLIENT_VERSION

Type

Number

Description

The version of the client that was in use upon logging out.

EVENT_TYPE

Type

String

	Description The type of event. The value is always Logout.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
PLATFORM_TYPE	Type Number Description The code for the client platform. If a timeout caused the logout, this field is null. Example Values <ul style="list-style-type: none">• 1000: Windows• 1008: Windows 2003• 1013: Windows 8.1• 1015: Windows 10• 2003: Macintosh/Apple OSX• 4000: Linux• 5005: Android• 5006: iPhone• 5007: iPad• 5200: Android 10.0
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.

RESOLUTION_TYPE

Type

Number

Description

The screen resolution of the client. If a timeout caused the logout, this field is null.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nZZVD.

SESSION_LEVEL

Type

String

Description

The security level of the session that was used when logging out.

Possible Values

- 1: Standard Session
- 2: High-Assurance Session

SESSION_TYPE

Type

String

Description

The session type that was used when logging out.

Possible Values

- A: API
- I: APIOnlyUser
- N: ChatterNetworks
- Z: ChatterNetworksAPIOnly
- C: Content
- P: OAuthApprovalUI
- O: OAuth2
- T: SiteStudio
- R: SitePreview
- S: SubstituteUser
- B: TempContentExchange
- G: TempOAuthAccessTokenFrontdoor
- Y: TempVisualforceExchange

- F: TempUIFrontdoor
- U: UI
- E: UserSite
- V: Visualforce
- W: WDC_API

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

When a customer logs out by using the **Logout** button, the `TIMESTAMP` field records the actual logout time. However, when a customer is logged out automatically, Salesforce detects the event by using a process that runs every 15 minutes. `TIMESTAMP` values can reflect a logout time up to 15 minutes later than the actual automatic logout time.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_INITIATED_LOGOUT

Type

Boolean

Description

The value is 1 if the user intentionally logged out of the organization by clicking the **Logout** button. If the user's session timed out due to inactivity or another implicit logout action, the value is 0.

USER__TYPE

Type

String

Description

The category of user license of the user that logged out.

Possible Values

- A: Automated Process
- b: High Volume Portal
- C: Customer Portal User
- D: External Who
- F: Self-Service
- G: Guest
- L: Package License Manager
- N: Salesforce to Salesforce
- n: CSN Only
- O: Power Custom
- o: Custom
- P: Partner
- p: Customer Portal Manager
- S: Standard
- x: Salesforce Administrator

SEE ALSO:

- [EventLogFile Supported Event Types](#)
- [EventLogFile](#)

Metadata API Operation Event Type

Metadata API Operation events contain details of Metadata API retrieval and deployment requests. For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
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API_VERSION

Type

String

Description

The version of the API that's being used.

For example: 36.0.

CLIENT_ID

Type

String

Description

The API client ID.

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".

For example: 96.43.144.26.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

EVENT_TYPE

Type

String

Description

The type of event. The value is always `MetadataApiOperation`.

LOGIN_KEY

Type

String

Description

The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.

For example: GeJCsym5eyvtEK2I.

OPERATION

Type

String

	Description The operation that's being performed.
	Possible Values <ul style="list-style-type: none">• meta_deploy• meta_list• meta_retrieve• meta_synchronous_create• meta_synchronous_read• meta_synchronous_upsert
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
RUN_TIME	Type Number Description The amount of time that the request took in milliseconds.
SESSION_KEY	Type String Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

Multiblock Report Event Type

Multiblock Report events contain details about Joined Report reports.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DB_TOTAL_TIME	<p>Type Number</p> <p>Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>MultiblockReport</code>.</p>
HAS_CHART	<p>Type Boolean</p> <p>Description True if the report has a chart.</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCSym5eyvtEK2I</code>.</p>

MASTER_REPORT_ID

Type

String

Description

The 15-character ID of the master report.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D000000000123.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.

- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Named Credential Event Type

The Named Credential event type captures information about Apex callouts that use named credentials as their endpoints. Use this event type to audit the installed managed packages that use named credentials. If you don’t recognize the package namespace in the named credential event log file, then you can investigate whether a security breach has occurred. This event type is available in the EventLogFile object in API version 53.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer’s Guide](#).

Fields

Field	Details
CALLER_PACKAGE_NAMESPACE	<p>Type</p> <p>String</p> <p>Description</p> <p>If an Apex callout using a Named Credential endpoint is initiated from a package, then this field contains the package’s namespace. If the callout isn’t initiated from a package, then this field is empty.</p> <p>Example</p> <p>Acme</p>
CLIENT_IP	<p>Type</p> <p>String</p> <p>Description</p> <p>The IP address of the client that’s using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as “Salesforce.com IP”.</p> <p>For example: 96.43.144.26.</p>
CPU_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>

Field	Details
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>NamedCredential</code>.</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code>.</p>
NAMED_CREDENTIAL_NAME	<p>Type String</p> <p>Description The name of the named credential that's the endpoint of the Apex callout.</p> <p>Example <code>My_Named_Credential</code></p>
ORGANIZATION_ID	<p>Type Id</p> <p>Description The 15-character ID of the org.</p> <p>Example <code>00D0000000000123</code></p>
REQUEST_ID	<p>Type String</p> <p>Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code>. For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code>.</p>
RUN_TIME	<p>Type Number</p> <p>Description The amount of time that the request took in milliseconds.</p>
SESSION_KEY	<p>Type String</p>

Field	Details
	Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
URI	Type String Description The URI of the page that's receiving the request. For example: /home/home.jsp.
URI_ID_DERIVED	Type ID Description The 18-character case-safe ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case-safe ID of the user who's using Salesforce services through the UI or the API.

Field	Details
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	For example: 00590000000I1SNIA0.
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SEE ALSO:

[Salesforce Help: Named Credentials](#)[EventLogFile Supported Event Types](#)[EventLogFile](#)

One Commerce Usage Event Type

One Commerce Usage events capture information about your Commerce instance. This event type is available in the EventLogFile object in API version 51.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields


Field	Details
BROWSER_DEVICE_TYPE	<p>Type Number</p> <p>Description A code used to identify the browser and device type. The code is in the format "BBVVXYZ," with the following signification:</p> <ul style="list-style-type: none"> BB — Two digits that indicate the browser type. <ul style="list-style-type: none"> IE: "10" CHROME: "13" FIREFOX: "11" SAFARI: "14" OPERA: "15" ANDROID_WEBKIT: "16" NETSCAPE: "17" OTHER_WEBKIT: "18" OTHER_GECKO: "19" OTHER_KHTML: "20" OTHER_MOBILE: "21" SALESFORCE_DESKTOP: "22" BLACKBERRY: "23" GOOD_ACCESS: "24" EDGE: "25"

Field	Details
	<ul style="list-style-type: none"> — SALESFORCE_MOBILE: "26" • WV—Three digits that indicate version, leading zeroes. • XYZ—Browser-type specific flags or options. Each digit in XYZ represents a different flag depending on the BrowserType: <ul style="list-style-type: none"> — X=1: If the parser recognizes a "touch" browser. Here, touch means the older touch native client, not that the device supports touch. — Y=1: If the parser recognizes a browser in compatibility mode. Only for IE. — Z=1: If the browser is recognized as MOBILE. — Z=2: If the browser is recognized as PHONE. — Z=3: If the browser is recognized as TABLET. — Z=4: If the browser is a recognized as MEDIA PLAYER. — Z=6: Only for Opera Mini.
B2B_EDITION	<p>Type String</p> <p>Description Edition of B2B Commerce. Edition can include Lightning (LB2B), CCRZ, or future flavors.</p>
B2B_VERSION	<p>Type String</p> <p>Description This field is optional. For the managed package, then B2B_VERSION includes Major, Minor, Patch revision numbers. For Lightning B2B_VERSION includes the optional service version.</p>
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". If the user's session context isn't available, this field returns a blank value.</p>
CONTEXT_ID	<p>Type String</p>

Field	Details
	Description The <code>contextId</code> (Key Business Domain Value) in which the operation is done. For example, for Cart, the <code>contextId</code> is <code>cartId</code> .
CONTEXT_MAP	Type String Description This field is optional. It holds a JSON string with additional operational context.
CORRELATION_ID	Type String Description This field holds correlations, such as client to server and other asynchronous calls to B2B subsystems.
COUNT	Type String Description The number of records impacted by this operation.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
DB_TOTAL_TIME	Type Number Description Time (in milliseconds) spent waiting for database processing in aggregate for all operations in the request. Compare this field to <code>CPU_TIME</code> to determine whether performance issues are occurring in the database layer or in your own code.
EFFECTIVE_ACCOUNT_ID	Type String Description The B2B Effective Account ID in context of the operation.

Field	Details
ERROR_CODE	<p>Type String</p> <p>Description The API error code that appears when an operation fails. If there is no error the value is <code>null</code>.</p>
ERROR_MESSAGE	<p>Type String</p> <p>Description Error message that appears when an operation fails. If there is no error the value is <code>null</code>.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>OneCommerceUsage</code>.</p>
IS_RETRY	<p>Type String</p> <p>Description The field is <code>True</code> if the operation resulted in a retry, otherwise it's <code>False</code>. Understanding the frequency of operation retries helps determine the health of a service. The default value is <code>False</code>.</p>
LOGIN_KEY	<p>Type String</p> <p>Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code>.</p>
ORGANIZATION_ID	<p>Type Id</p> <p>Description The 15-character ID of the organization. For example: <code>00D000000000123</code>.</p>
OPERATION	<p>Type String</p>

Field	Details
	Description The name of the B2B service. For example: CreateCart or KeywordSearch.
OPERATION_STAGE	Type String Description This field is optional. Used to capture more granular operation level stages.
OPERATION_STATE	Type String Description This field is optional. An enum for the state of the operation. For example: CartLocked, OrderCancelled, InProgress, New, Update, and Pending.
OPERATION_STATUS	Type String Description Enum with the outcome of the operation. For example: Success or Fail.
OPERATION_TIME	Type String Description Total time of the operation in milliseconds.
OS_VERSION	Type String Description Code used to identify the operating system and version. The value is equal to 9999 for an unknown platform.
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.

Field	Details
REQUEST_STATUS	<p>Type String</p> <p>Description The status of the request for a page view or user interface action.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned. • F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only. • U—Undefined • A—Authorization Error • R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page. • N—Not Found. 404 error.
RUN_TIME	<p>Type Number</p> <p>Description The amount of time that the request took in milliseconds.</p> <p>Requests with a value over five seconds are considered long-running requests for the purposes of the Concurrent Long-Running Apex Limit.</p> <p> Note: HTTP callout processing time isn't included when calculating the 5-second limit. We pause the timer for the callout and resume it when the callout completes.</p>
SERVICE_NAME	<p>Type String</p> <p>Description Enum of B2B Services.</p> <p>For example: Cart, Pricing, Products, Order, Search, and so on.</p>
SESSION_KEY	<p>Type String</p>

Field	Details
	Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
URI	Type String Description The URI of the page that's receiving the request. For example: /home/home.jsp.
URI_ID_DERIVED	Type ID Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id

Field	Details
	<p>Description</p> <p>The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.</p> <p>For example: 005900000000I1SNIA0.</p>
USER_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The category of user license.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • CsnOnly—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users. • CspLitePortal—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site. • CustomerSuccess—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. • Guest—Users whose access is limited so that your customers can view and interact with your site without logging in. • PowerCustomerSuccess—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy. • PowerPartner—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site. • SelfService—Users whose access is limited because they're organization customers and access the application through a self-service portal. • Standard—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.
WEBSTORE_ID	<p>Type</p> <p>String</p>

Field	Details
	Description This field is optional. The ID of the webstore associated with the store (site).
WEBSTORE_TYPE	Type String Description The type of webstore. For example: B2B, B2C, and OMS.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Package Install Event Type

Package Install events contain details about package installation in the organization.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
EVENT_TYPE	Type String

	Description The type of event. The value is always <code>PackageInstall</code> .
FAILURE_TYPE	Type String Description A general categorization of any error that's encountered.
IS_MANAGED	Type Boolean Description True if the operation is performed on a managed package.
IS_PUSH	Type Boolean Description True if the package was installed as a result of a push upgrade.
IS_RELEASED	Type Boolean Description True if the operation is performed on a released package.
IS_SUCCESSFUL	Type Boolean Description True if the package was successfully installed.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code> .
OPERATION_TYPE	Type String Description The type of package operation. Possible Values <ul style="list-style-type: none">• <code>INSTALL</code>• <code>UPGRADE</code>

- EXPORT
- UNINSTALL
- VALIDATE_PACKAGE
- INIT_EXPORT_PKG_CONTROLLER

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D000000000123.

PACKAGE_NAME

Type

String

Description

The name of the package that's being installed.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Platform Encryption Event Type

Platform Encryption event contains information about tenant secret and derived encryption key usage. This event type is available in API versions 41.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
ACTION	<p>Type String</p> <p>Description The name and type of the event.</p> <p>Possible Values</p> <ul style="list-style-type: none"> • TS Imported: A tenant secret generated by the Shield Key Management Service (KMS), or customer-supplied key material, imported by a customer. • TS Generated: A tenant secret generated by the Shield Key Management Service (KMS). • Key Derived: An encryption key derived from a tenant secret for encryption or decryption. • TS Wrapped: A tenant secret generated by the Shield Key Management Service (KMS), or customer-supplied key material, encrypted for storage. • Key Delivered: A data encryption key delivered for encryption or decryption. • TS Stored: A tenant secret generated by the Shield Key Management Service (KMS), or customer-supplied key material, stored encrypted in the database. • TS Read: An encrypted tenant secret generated by the Shield Key Management Service (KMS), or encrypted customer-supplied key material, that is loaded for encryption or decryption. • TS Unwrapped: An encrypted tenant secret generated by the Shield Key Management Service (KMS), or encrypted customer-supplied key material, unwrapped for use by the KMS. • TS Exported: An encrypted tenant secret exported by a customer. • TS Destroyed: A tenant secret and related data encryption key destroyed by a customer.
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p>

For example: 96.43.144.26.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request.
This field indicates the amount of activity taking place in the app server layer.

EVENT_TYPE

Type

String

Description

The type of event. The value is always PlatformEncryption.

KEY_ID

Type

String

Description

The 15-character ID of the tenant secret.

Example

02GD000000096Cb

KEY_ID_DERIVED

Type

String

Description

The 18-character ID of the derived encryption key.

Example

02GD000000096CbMAI

KEY_TYPE

Type

String

Description

The type of tenant secret.

Possible Values

- Data
- DeterministicData
- EinsteinAnalytics
- SearchIndex

LOGIN_KEY

Type

String

	<p>Description</p> <p>The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>For example: GeJCsym5eyvtEK2I.</p>
METHOD	<p>Type</p> <p>String</p> <p>Description</p> <p>The string that identifies a change in tenant secret Active state. For example, tenant secrets become active when they are created, and are made inactive when they are exported.</p> <p>Examples</p> <ul style="list-style-type: none"> • TS Exported: User ID • TS Generated: HSM or BYOK • TS Unwrapped: Tenant Secret or BYOK
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the organization.</p> <p>For example: 00D000000000123.</p>
REQUEST_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.</p> <p>For example: 3nWgxWbDKWWDIk0FKfF5DV.</p>
RUN_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The amount of time that the request took in milliseconds.</p>
SESSION_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.</p> <p>For example: d7DEq/ANa7nNZZVD.</p>

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000011SNIA0.

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Queued Execution Event Type

Queued Execution events contain details about queued executions—for example, batch Apex.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type</p> <p>String</p> <p>Description</p> <p>The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96.43.144.26.</p>
CPU_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The CPU time in milliseconds that it took to complete the batch apex request. This field indicates the amount of activity taking place in the app server layer, allowing you to identify pieces of Apex or Visualforce code that need refactoring.</p>
DB_TOTAL_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.</p>
ENTRY_POINT	<p>Type</p> <p>String</p>

Field	Details
	<p>Description</p> <p>The name of the Apex class that serves as the execution point for the batch job.</p> <p>Example</p> <p>TaskPhoneExtensionBatchUpdate</p>
EVENT_TYPE	<p>Type</p> <p>String</p> <p>Description</p> <p>The type of event. The value is always <code>QueuedExecution</code>.</p>
JOB_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The ID of the batch Apex job.</p> <p>Example</p> <p>7073000000IDquo</p>
LOGIN_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.</p> <p>For example: <code>GeJCSym5eyvtEK2I</code>.</p>
ORGANIZATION_ID	<p>Type</p> <p>Id</p> <p>Description</p> <p>The 15-character ID of the organization.</p> <p>For example: <code>00D000000000123</code>.</p>
REQUEST_ID	<p>Type</p> <p>String</p> <p>Description</p> <p>The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code>.</p> <p>For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code>.</p>
REQUEST_STATUS	<p>Type</p> <p>String</p>

Field	Details
	<p>Description</p> <p>The status of the request for a page view or user interface action.</p> <p>Possible values are:</p> <ul style="list-style-type: none"> • S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned. • F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only. • U—Undefined • A—Authorization Error • R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page. • N—Not Found. 404 error.
RUN_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The amount of time that the request took in milliseconds.</p>
SESSION_KEY	<p>Type</p> <p>String</p> <p>Description</p> <p>The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.</p> <p>For example: d7DEq/ANa7nNZZVD.</p>
TIMESTAMP	<p>Type</p> <p>String</p> <p>Description</p> <p>The access time of Salesforce services in GMT.</p> <p>For example: 20130715233322.670.</p>
TIMESTAMP_DERIVED	<p>Type</p> <p>DateTime</p> <p>Description</p> <p>The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).</p>

Field	Details
	For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
URI	Type String Description The URI of the page that's receiving the request. For example: /home/home.jsp.
URI_ID_DERIVED	Type ID Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.
USER_TYPE	Type String Description The category of user license. Possible values are: <ul style="list-style-type: none"> • <code>CsnOnly</code>—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users. • <code>CspLitePortal</code>—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.

Field	Details
	<ul style="list-style-type: none"> • CustomerSuccess—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. • Guest—Users whose access is limited so that your customers can view and interact with your site without logging in. • PowerCustomerSuccess—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy. • PowerPartner—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site. • SelfService—Users whose access is limited because they're organization customers and access the application through a self-service portal. • Standard—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.


SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Report Event Type

Report events contain information about what happened when a user ran a report. This event type includes all activity that's in the Report Export event type, plus more. For example, it has user activity for reports exported as both Formatted Report and Details Only output.

 **Note:** Exporting a report directly from the report result captures the event in both the Report and Report Export logs.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
AVERAGE_ROW_SIZE	Type Number

Description

The average row size of all rows in the Report event, in bytes. A large average size, coupled with a high `ROW_COUNT`, can indicate that a user is downloading information for fraudulent purposes. For example, a salesperson who downloads all sales leads before departing for a competitor.

Example

700

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".

For example: 96 . 43 . 144 . 26.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

DB_BLOCKS

Type

Number

Description

Indicates how much activity is occurring in the database. A high value for this field suggests that adding indexes or filters on your queries would benefit performance.

DB_CPU_TIME

Type

Number

Description

The CPU time in milliseconds to complete the request. Indicates the amount of activity taking place in the database layer during the request.

DB_TOTAL_TIME

Type

Number

Description

The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and `DB_CPU_TIME`. Compare this field to `CPU_TIME` to

determine whether performance issues are occurring in the database layer or in your own code.

DISPLAY_TYPE

Type

String

Description

The report display type, indicating the run mode of the report.

Possible values are:

- D—Dashboard
- S—Show Details
- H—Hide Details

ENTITY_NAME

Type

String

Description

The name of the object affected by the trigger.

EVENT_TYPE

Type

String

Description

The type of event. The value is always Report.

LOGIN_KEY

Type

String

Description

The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring.

For example: GeJCsym5eyvtEK2I.

NUMBER_BUCKETS

Type

Number

Description

The number of buckets that were used in the report.

NUMBER_COLUMNS

Type

Number

Description

The number of columns in the report.

NUMBER_EXCEPTION_FILTERS

Type

Number

	Description The number of exception filters that are used in the report.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
ORIGIN	Type String Description The context in which the report executed, such as from a UI (Classic, Lightning, Mobile), through an API (synchronous, asynchronous, Apex), or through a dashboard. Possible Values <ul style="list-style-type: none"> • ReportOpenedFromMobileDashboard: Report executed when a user clicked a dashboard component on a mobile device and drilled down to a report. • DashboardComponentUpdated: Report executed when a user refreshed a dashboard component. • DashboardComponentPreviewed: Report executed from a Lightning dashboard component preview. • ReportRunUsingSynchronousApi: Report executed from a synchronous API. • ReportRunUsingAsynchronousApi: Report executed from an asynchronous API. • ReportRunUsingApexSynchronousApi: Report executed from the synchronous Apex API. • ReportRunUsingApexAsynchronousApi: Report executed from the asynchronous Apex API. • ReportExported: Report executed from a printable view or report export that was not asynchronous nor an API export. • ReportRunFromClassic: Report executed from the Run Report option of Salesforce Classic. • ReportRunFromMobile: Report executed from the Run Report option of the mobile Salesforce app. • ReportRunFromLightning: Report executed from the Run option in Lightning Experience from a non-mobile browser. • ReportRunFromRestApi: Report executed from REST API.

- **ReportPreviewed**: Report executed when a user got preview results while using the report builder.
- **ReportScheduled**: Report was scheduled.
- **ProbeQuery**: Report executed from a probe query.
- **ReportRunFromReportingSnapshot**: Report executed through Snapshot Analytics.
- **ReportExportedAsynchronously**: Report was exported asynchronously.
- **ReportExportedUsingExcelConnector**: Report was exported using the Excel connector.
- **ChartRenderedOnVisualforcePage**: Report executed from a rendered chart on a VisualForce Page.
- **ChartRenderedInEmbeddedAnalyticsApp**: Report executed from a rendered chart in an embedded Analytics app.
- **ReportRunAndNotificationSent**: Report executed through the notifications API.
- **ChartRenderedOnHomePage**: Report executed from a rendered chart on the home page.
- **ReportResultsAddedToWaveTrending**: Report executed when a user trended a report in CRM Analytics.
- **ReportAddedToCampaign**: Report was added from an Add to Campaign action.
- **ReportResultsAddedToEinsteinDiscovery**: Report executed synchronously from Einstein Discovery.
- **Unknown**: Report execution origin is unknown.
- **Test**: Report execution resulted from a test.

RENDERING_TYPE**Type**

String

Description

Describes the format of the report output in Salesforce Classic. If the report was exported in Lightning Experience, this field is blank.

Possible Values

- **W**: Web (HTML)
 - **E**: Email
 - **P**: Printable
 - **X**: Excel
 - **C**: Comma-separated values (CSV)
 - **J**: JavaScript Object Notation (JSON)
 - **D**: Dummy data
-

REPORT_ID

Type

Id

Description

The 15-character ID of the report that was run.

REPORT_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the report that was run.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

ROW_COUNT

Type

Number

Description

The number of rows that were processed in the Report event. High row counts, coupled with a high

AVERAGE_ROW_SIZE, can indicate that a user is downloading information for fraudulent purposes. For example,

a salesperson who downloads all sales leads before departing for a competitor.

Example

150

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

SORT

Type

String

Description

The sort column and order that was used in the report.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared

- with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
 - **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
 - **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

Usage

Example: Identify Large Report Exports by User

Get Report event type data from the EventLogFile object using REST:

```
/services/data/v40.0/query?q=SELECT+Id+,+EventType+,+LogFile+,+LogDate+,+LogFileLength+FROM+EventLogFile+WHERE+LogDate+>+Yesterday+AND+EventType+=+'Report '
```

After you download the report data to a ReportData database table, query it and filter on reports that were exported with high row counts and size:

```
SELECT USER_ID FROM ReportData WHERE (RENDERING_TYPE=C OR RENDERING_TYPE=X OR RENDERING_TYPE=P) AND ROW_COUNT>150000 AND AVERAGE_ROW_SIZE>1500
```

SEE ALSO:

- [EventLogFile Supported Event Types](#)
- [EventLogFile](#)

Report Export Event Type

Report Export events contain details about reports that a user exported. For example, this event type captures when a user exports a report as Details Only output. But it doesn't capture reports that users export as Formatted Report or XLSX Detail output. For that data, see the Report event type.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	Type String

	Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CLIENT_INFO	Type String Description Information about the client that's using Salesforce services.
CPU_TIME	Type Number Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
EVENT_TYPE	Type String Description The type of event. The value is always ReportExport.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REPORT_DESCRIPTION	Type String Description Information about the report that was run.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxBbDKWWDIk0FKfF5DV.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

	Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)
[EventLogFile](#)

REST API Event Type

REST API events contain details about REST-specific requests.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	Type String Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP". For example: 96.43.144.26.
CPU_TIME	Type Number

	Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.
DB_BLOCKS	Type Number Description Indicates how much activity is occurring in the database. A high value for this field suggests that adding indexes or filters on your queries would benefit performance.
DB_CPU_TIME	Type Number Description The CPU time in milliseconds to complete the request. Indicates the amount of activity taking place in the database layer during the request.
DB_TOTAL_TIME	Type Number Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
ENTITY_NAME	Type Set Description The name of the object accessed by the API request. For example: Account, Opportunity, Contact, and so on.
EVENT_TYPE	Type String Description The type of event. The value is always RestApi.
LOGIN_KEY	Type String

	Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
MEDIA_TYPE	Type String Description The media type of the response.
METHOD	Type String Description The HTTP method of the request. For example: GET, POST, PUT, and so on.
NUMBER_FIELDS	Type Number Description The number of fields or columns, where applicable.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
REQUEST_SIZE	Type Number Description The size of the callout request body, in bytes.
REQUEST_STATUS	Type String Description The status of the request for a page view or user interface action. Possible values are: <ul style="list-style-type: none"> • S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.

- **F**—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- **U**—Undefined
- **A**—Authorization Error
- **R**—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- **N**—Not Found. 404 error.

REQUEST_ID**Type**

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same `REQUEST_ID`.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

RESPONSE_SIZE**Type**

Number

Description

The size of the callout response, in bytes.

ROWS_PROCESSED**Type**

Number

Description

The number of rows that were processed in the request.

For example: 150.

RUN_TIME**Type**

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY**Type**

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

STATUS_CODE**Type**Number

	Description The HTTP response status code for the request.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
URI	Type String Description The URI of the page that's receiving the request. For example: /home/home.jsp.
URI_ID_DERIVED	Type ID Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_AGENT	Type Number Description The numeric code for the type of client used to make the request (for example, the browser, application, or API).
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.

- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Sandbox Event Type

Sandbox events contain details about sandbox copies.
For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer’s Guide](#).

Fields

Field	Details
CURRENT_SANDBOX_ORG_ID	Type Id Description The 15-character ID of the current sandbox organization.
EVENT_TYPE	Type String Description The type of event. The value is always <code>Sandbox</code> .
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D000000000123.
PENDING_SANDBOX_ORG_ID	Type Id Description The 15-character ID of the target sandbox org.
REQUEST_ID	Type String

	Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID. For example: 3nWgxWbDKWWDIk0FKfF5DV.
SANDBOX_ID	Type Id Description The 15-character ID of the sandbox organization.
STATUS	Type String Description The status of the sandbox copy.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:
[EventLogFile Supported Event Types](#)
[EventLogFile](#)

Search Event Type

Search events contain details about the user’s search query. All searches within the app, including Experience Cloud sites, are included. However, unauthenticated users won’t have a unique Salesforce user ID.
For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer’s Guide](#).

Fields

Field	Details
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>Search</code>.</p>
NUM_RESULTS	<p>Type Number</p> <p>Description Number of results returned by the search query.</p> <p>Possible Values</p> <ul style="list-style-type: none">• 0• 25• 1000
ORGANIZATION_ID	<p>Type Id</p> <p>Description The 15-character ID of the organization. For example: 00D000000000123.</p>
PREFIXES_SEARCHED	<p>Type String</p> <p>Description Space-separated list of key prefixes that were searched.</p> <p>Example 001 006 ka0</p>

QUERY_ID

Type

String

Description

Unique ID of the search query.

Example

-2vx8relit08r

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

SEARCH_QUERY

Type

String

Description

The first 100 characters of the search query.

Example

Salesforce

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

USER_ID

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Search Click Event Type

Search Click events contain details about the user's interaction with the search results. All searches within the app, including Experience Cloud sites, are included. However, unauthenticated users won't have a unique Salesforce user ID.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLICKED_RECORD_ID	<p>Type String</p> <p>Description The 15-character ID of the result the user clicked in the search results page.</p> <p>Example a07B00000031pRV</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>SearchClick</code>.</p>
ORGANIZATION_ID	<p>Type Id</p> <p>Description The 15-character ID of the organization. For example: 00D000000000123.</p>
QUERY_ID	<p>Type String</p> <p>Description Unique ID of the search query.</p> <p>Example -2vx8reIit08r</p>

RANK

Type

Number

Description

Ranking of the result clicked in the search results page.

Example

2

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

USER_ID

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 005900000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Sites Event Type

Sites events contain details of Site.com requests. Requests can originate from the browser (UI).

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type String</p> <p>Description The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96.43.144.26.</p>
CPU_TIME	<p>Type Number</p> <p>Description The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DB_TOTAL_TIME	<p>Type Number</p> <p>Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.</p>
EVENT_TYPE	<p>Type String</p> <p>Description The type of event. The value is always <code>Sites</code>.</p>
HTTP_HEADERS	<p>Type String</p> <p>Description The HTTP headers that were sent in the request.</p>
HTTP_METHOD	<p>Type String</p>

	Description The HTTP method of the request. For example: GET, POST, PUT, and so on.
IS_API	Type Boolean Description True if this page was an API or Web Services request.
IS_ERROR	Type Boolean Description True if this page was an error page.
IS_FIRST_REQUEST	Type Boolean Description 1 if this page is the first Visualforce transaction in the request, or 0 if it isn't.
IS_GUEST	Type Boolean Description True if this page was a guest (unauthenticated) request.
IS_SECURE	Type Boolean Description True if this request is secure.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: 00D0000000000123.

PAGE_NAME

Type

String

Description

The name of the Visualforce page that was requested.

QUERY

Type

String

Description

The SOQL query, if one was performed.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

REQUEST_TYPE

Type

String

Description

The request type.

Possible values are:

- page—a normal request for a page

- `content_UI`—a content request for a page that originated in the user interface
- `content_apex`—a content request initiated by an Apex call
- `PDF_UI`—a request for a page in PDF format through the user interface
- `PDF_apex`—a request for PDF format by an Apex call (usually a Web Service call)

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: `d7DEq/ANa7nNZZVD`.

SITE_ID

Type

Id

Description

The 15-character ID of the Site.com site.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: `20130715233322.670`.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (`YYYY-MM-DDTHH:MM:SS.sssZ`).

For example: `2015-07-27T11:32:59.555Z`. Timezone is GMT.

URI

Type

String

	Description The URI of the page that's receiving the request. For example: /home/home.jsp.
URI_ID_DERIVED	Type ID Description The 18-character case insensitive ID of the URI of the page that's receiving the request.
USER_ID	Type Id Description The 15-character ID of the user who's using Salesforce services through the UI or the API. For example: 00530000009M943
USER_ID_DERIVED	Type Id Description The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API. For example: 00590000000I1SNIA0.
USER_TYPE	Type String Description The category of user license. Possible values are: <ul style="list-style-type: none"> • CsnOnly—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users. • CspLitePortal—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site. • CustomerSuccess—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. • Guest—Users whose access is limited so that your customers can view and interact with your site without logging in.

- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared with users below them in the customer portal role hierarchy.
- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

SOAP API Event Type

SOAP API events contain details about your org's SOAP API request activity.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field	Details
API_TYPE	<p>Type String</p> <p>Description The type of API request. Possible values are:</p> <ul style="list-style-type: none"> • D—Apex Class • E—SOAP Enterprise • M—SOAP Metadata • P—SOAP Partner • S—SOAP Apex • T—SOAP Tooling • f—Feed

- 1—Live Agent
- p—SOAP ClientSync

API_VERSION

Type

String

Description

The version of the API that's being used.

For example: 36.0.

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".

For example: 96.43.144.26.

CLIENT_NAME

Type

String

Description

The name of the client that's using Salesforce services. This field is an optional parameter that can be passed in API calls. If blank, the caller didn't specify a client in the CallOptions header.

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

DB_BLOCKS

Type

Number

Description

Indicates how much activity is occurring in the database. A high value for this field suggests that adding indexes or filters on your queries would benefit performance.

DB_CPU_TIME

Type

Number

	Description The CPU time in milliseconds to complete the request. Indicates the amount of activity taking place in the database layer during the request.
DB_TOTAL_TIME	Type Number Description The time in nanoseconds for a database round trip. Includes time spent in the JDBC driver, network to the database, and DB_CPU_TIME. Compare this field to CPU_TIME to determine whether performance issues are occurring in the database layer or in your own code.
ENTITY_NAME	Type Set Description The name of the object accessed by the API request. For example: Account, Opportunity, Contact, and so on.
EVENT_TYPE	Type String Description The type of event. The value is always API.
EXCEPTION_MESSAGE	Type String Description The exception message for a SOAP API request. An exception message gives details about errors in handling an API request, such as why an API request failed. For example: common.exception.ApiException: startDate cannot be more than 30 days ago.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: GeJCsym5eyvtEK2I.

METHOD_NAME

Type

String

Description

The name of the calling Apex method.

ORGANIZATION_ID

Type

Id

Description

The 15-character ID of the organization.

For example: 00D0000000000123.

REQUEST_ID

Type

String

Description

The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same REQUEST_ID.

For example: 3nWgxWbDKWWDIk0FKfF5DV.

REQUEST_SIZE

Type

Number

Description

The size of the callout request body, in bytes.

REQUEST_STATUS

Type

String

Description

The status of the request for a page view or user interface action.

Possible values are:

- S—Success. Salesforce handled the request successfully. If an Apex controller throws an exception, this status is also returned.
- F—Failure. Typically 4xx or 5xx HTTP codes, such as no permission to view page, page took too long to render, page is read-only.
- U—Undefined
- A—Authorization Error
- R—Redirect. Typically a 3xx HTTP code, possibly initiated by an Apex controller in a Visualforce page.
- N—Not Found. 404 error.

RESPONSE_SIZE

Type

Number

Description

The size of the callout response, in bytes.

ROWS_PROCESSED

Type

Number

Description

The number of rows that were processed in the request.

For example: 150.

RUN_TIME

Type

Number

Description

The amount of time that the request took in milliseconds.

SESSION_KEY

Type

String

Description

The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started.

For example: d7DEq/ANa7nNZZVD.

TIMESTAMP

Type

String

Description

The access time of Salesforce services in GMT.

For example: 20130715233322.670.

TIMESTAMP_DERIVED

Type

DateTime

Description

The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ).

For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

USER_TYPE

Type

String

Description

The category of user license.

Possible values are:

- **CsnOnly**—Users whose access to the application is limited to Chatter. This user type includes Chatter Free and Chatter moderator users.
- **CspLitePortal**—CSP Lite Portal license. Users whose access is limited because they're organization customers and access the application through a customer portal or an Experience Cloud site.
- **CustomerSuccess**—Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal.
- **Guest**—Users whose access is limited so that your customers can view and interact with your site without logging in.
- **PowerCustomerSuccess**—Power Customer Success license. Users whose access is limited because they're organization customers and access the application through a customer portal. Users with this license type can view and edit data they directly own or data owned by or shared

with users below them in the customer portal role hierarchy.

- **PowerPartner**—Power Partner license. Users whose access is limited because they're partners and typically access the application through a partner portal or site.
- **SelfService**—Users whose access is limited because they're organization customers and access the application through a self-service portal.
- **Standard**—Standard user license. This user type also includes Salesforce Platform and Salesforce Platform One user licenses, and admins for this org.

SEE ALSO:

[EventLogFile Supported Event Types](#)

[EventLogFile](#)

Time-Based Workflow Event Type

Time-Based Workflow events contain details about queue activity monitoring.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or the [REST API Developer's Guide](#).

Fields

Field	Details
CLIENT_IP	<p>Type</p> <p>String</p> <p>Description</p> <p>The IP address of the client that's using Salesforce services. A Salesforce internal IP (such as a login from AppExchange) is shown as "Salesforce.com IP".</p> <p>For example: 96 . 43 . 144 . 26.</p>
CPU_TIME	<p>Type</p> <p>Number</p> <p>Description</p> <p>The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.</p>
DATA	<p>Type</p> <p>String</p>

	Description The record details of time queue activity.
EVENT_TYPE	Type String Description The type of event. The value is always <code>TimeBasedWorkflow</code> .
LOG_GROUP_ID	Type String Description Marks log records that are committed or rolled back.
LOGIN_KEY	Type String Description The string that ties together all events in a given user's login session. It starts with a login event and ends with either a logout event or the user session expiring. For example: <code>GeJCsym5eyvtEK2I</code> .
NUMBER_OF_RECORDS	Type Number Description The number of processed records.
ORGANIZATION_ID	Type Id Description The 15-character ID of the organization. For example: <code>00D000000000123</code> .
REQUEST_ID	Type String Description The unique ID of a single transaction. A transaction can contain one or more events. Each event in a given transaction has the same <code>REQUEST_ID</code> . For example: <code>3nWgxWbDKWWDIk0FKfF5DV</code> .
RUN_TIME	Type Number

	Description The amount of time that the request took in milliseconds.
SESSION_KEY	Type String Description The user's unique session ID. You can use this value to identify all user events within a session. When a user logs out and logs in again, a new session is started. For example: d7DEq/ANa7nNZZVD.
TIMESTAMP	Type String Description The access time of Salesforce services in GMT. For example: 20130715233322.670.
TIMESTAMP_DERIVED	Type DateTime Description The access time of Salesforce services in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). For example: 2015-07-27T11:32:59.555Z. Timezone is GMT.
TYPE	Type String Description The type of time-based workflow event. <ul style="list-style-type: none"> • UIDEL—An entry was deleted from the Time-Based Workflow page in Setup. • ERRDEL—An entry was deleted from the workflow queue, because there was an error reading the record that triggered the workflow rule. The associated time-dependent actions weren't processed. • DELETE—An entry was deleted from the workflow queue, because it's no longer relevant. For example, the criteria are no longer met by the associated record. If the evaluation date for the entry changed, the entry is re-added with the updated evaluation date. • PROC—An entry was deleted from the workflow queue after processing a time-dependent action.

URI

Type

String

Description

The URI of the page that's receiving the request.

For example: /home/home.jsp.

URI_ID_DERIVED

Type

ID

Description

The 18-character case insensitive ID of the URI of the page that's receiving the request.

USER_ID

Type

Id

Description

The 15-character ID of the user who's using Salesforce services through the UI or the API.

For example: 00530000009M943

USER_ID_DERIVED

Type

Id

Description

The 18-character case insensitive ID of the user who's using Salesforce services through the UI or the API.

For example: 00590000000I1SNIA0.

SEE ALSO:

[EventLogFile Supported Event Types](#)[EventLogFile](#)

Transaction Security Event Type

Transaction Security events contain details about policy execution. This event type is supported in API version 55.0 and later.

For details about event monitoring, see the [Trailhead Event Monitoring module](#) or [REST API Developer's Guide](#).

Fields

Field**Details**

CLIENT_IP

Type

String

Description

The IP address of the client that's using Salesforce services. A Salesforce internal IP, such as a login from AppExchange, is shown as "Salesforce.com IP".

For example: 96 . 43 . 144 . 26

CPU_TIME

Type

Number

Description

The CPU time in milliseconds used to complete the request. This field indicates the amount of activity taking place in the app server layer.

EVALUATION_TIME_MS

Type

Number

Description

The time in milliseconds used to evaluate the policy.

EVENT_TIMESTAMP

Type

String

Description

The time at which the Transaction Security event was generated in ISO8601-compatible format (YYYY-MM-DDTHH:MM:SS.sssZ). This value can be earlier than TIMESTAMP_DERIVED by the amount of time taken to log the event.

For example:

2015-07-27T11:32:59.555Z

EVENT_TYPE

Type

String

Description

The type of event. The value is always TransactionSecurity.

LOGIN_KEY

Type

String

Description

The string that ties together all events in a given user's login session. It starts