REST API Operations

8.0 Release

Table of Contents

Business Object Operations

Delete Business Object Batch
POST /api/V1/deletebusinessobjectbatch/
Delete Business Objects in a batch using either the public ID or record ID.   Batch can contain multiple business object types.

Delete Business Object by Public ID
DELETE /api/V1/deletebusinessobject/busobid/{busobid}/publicid/{publicid}
Delete a single Business Object using the public ID.

Delete Business Object by Record ID
DELETE /api/V1/deletebusinessobject/busobid/{busobid}/busobrecid/{busobrecid}
Delete a single Business Object using the record ID.

Delete Related Business Object by Public ID
DELETE/api/V1/deleterelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid /{parentbusobrecid}/relationshipid/{relationshipid}/publicid/{publicid}
Delete a related Business Object using the public ID. Must provide the Relationship ID. (Use "Unlink Related Business Object" to unlink two Business Objects rather that deleting the related Business Object.)

Delete Related Business Object by Record ID
DELETE /api/V1/deleterelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid /{parentbusobrecid}/relationshipid/{relationshipid}/busobrecid/{busobrecid}
Delete a related Business Object using the record ID. Must provide the Relationship ID. (Use "Unlink Related Business Object" to unlink two Business Objects rather that deleting the related Business Object.)

Lookup field values
POST /api/V1/fieldvalueslookup
Get valid values for Business Object fields.

Get Business Object Batch
POST /api/V1/getbusinessobjectbatch
Retrieve a batch of Business Objects by providing an array of Business Object IDs and record IDs or public IDs.

Get Business Object by Public ID
GET /api/V1/getbusinessobject/busobid/{busobid}/publicid/{publicid}
Return a Business Object record using the public ID.

Get Business Object by Record ID
GET /api/V1/getbusinessobject/busobid/{busobid}/busobrecid/{busobrecid}
Return a Business Object record using the record ID.

Business Object Operations (cont.)

Get Business Object Schema
GET /api/V1/getbusinessobjectschema/busobid/{busobId}
Return the schema for a Business Object and, optionally, its related Business Objects.

Get Business Object Summaries by Type
GET /api/V1/getbusinessobjectsummaries/type/{type}
Returns a list of Business Object summaries by type (Major, Supporting, Lookup, Groups, and All).

Get Business Object Summary by ID
GET /api/V1/getbusinessobjectsummary/busobid/{busobid}
Returns a single Business Object summary by ID.

Get Business Object Summary by Name
GET /api/V1/getbusinessobjectsummary/busobname/{busobname}
Returns a single Business Object summary by ID.

Get Business Object Template
POST /api/V1/getbusinessobjecttemplate
Returns a template to create Business Objects. The template includes placeholders for field values. You can then send the template with these values to the Business Object Save action.

Get Related Business Objects
POST /api/V1/getrelatedbusinessobject
Returns related Business Objects for a specific relationship. Specify a list of fields to include in the response.

Get Related Business Objects by Relationship ID
GET /api/V1/getrelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid/
{parentbusobrecid}/relationshipid/{relationshipid}
Get the related objects for a Business Object relationship specifying all fields or default grid as the field to return.

Get Related Business Objects by Relationship ID with Custom Grid
GET /api/V1/getrelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid/
{parentbusobrecid}/relationshipid/{relationshipid}/gridid/{gridid}
Get related Business Objects for a specific relationship. Specify a custom grid ID as the fields to return.

Link Related Business Objects
/api/V1/linkrelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid/
{parentbusobrecid}/relationshipid/{relationshipid}/busobid/{busobid}/busobrecid/{busobrecid}
Link related Business Objects.

Business Object Operations (cont.)

Save Business Object Batch
POST /api/V1/savebusinessobjectbatch
Creates or updates an array of Business Objects in a batch. To update, specify record ID or public ID. To create, leave record ID and public ID empty.

Save Business Object
POST /api/V1/savebusinessobject
Creates a new Business Object or updates an existing Business Object. To update, specify record ID or public ID. To create, leave record ID and public ID empty.

Save Related Business Object
POST /api/V1/saverelatedbusinessobject
Creates or updates a related Business Object. To update, specify record ID or public ID. To create, leave record ID and public ID empty.

Unlink Related Business Object
DELETE /api/V1/unlinkrelatedbusinessobject/parentbusobid/{parentbusobid}/parentbusobrecid/
{parentbusobrecid}/relationshipid/{relationshipid}/busobid/{busobid}/busobrecid/{busobrecid}
Unlink related Business Objects.

Search Operations

Get all Saved Searches by Folder ID
GET /api/V1/getsearchitems/association/{association}/scope/{scope}/scopeowner/
{scopeowner}/folder/{folder}
Get all searches within a folder. Returns a tree of saved queries, including scope, search name, IDs, and location within the tree.

Get all Saved Searches by Scope Owner
GET /api/V1/getsearchitems/association/{association}/scope/{scope}/scopeowner/{scopeowner}
Get all searches associated with a scope owner. Returns a tree of saved queries, including scope, search name, IDs, and location within the tree.

Get all Saved Searches by Scope
GET /api/V1/getsearchitems/association/{association}/scope/{scope}
Get all searches within a scope. Returns a tree of saved queries, including scope, search name, IDs, and location within the tree.

Get all Saved Searches by Business Object Association
GET /api/V1/getsearchitems/association/{association}
Get all searches associated with a Business Object. Returns a tree of saved queries, including scope, search name, IDs, and location within the tree.

Get all Saved Searches by Default Association
GET /api/V1/getsearchitems
Get all searches along with their default associations. Returns a tree of saved queries, including scope, search name, IDs, and location within the tree.

Run an Ad-hoc Search
POST /api/V1/getsearchresults
Run an ad-hoc search

Run a Saved Search by ID
GET /api/V1/getsearchresults/association/{association}/scope/{scope}/scopeowner/{scopeowner}/
searchid/{searchid}
Returns the paged results of a saved search.

Run a Saved Search by Name
GET /api/V1/getsearchresults/association/{association}/scope/{scope}/scopeowner/{scopeowner}/
searchname/{searchname}
Returns the paged results of a saved search.

Export an Ad-hoc Search
POST /api/V1/getsearchresultsexport
Returns an ad-hoc search in a specified export format: 0=CSV, 1=Excel, 2=Tab, 3=Word, 4=Custom Separator, 5=Simple JSON.

Search Operations (cont.)

Export a Saved Search by ID

GET /api/V1/getsearchresultsexport/association/{association}/scope/{scope}/
scopeowner/{scopeowner}/searchid/{searchid}/exportformat/{exportformat}

Returns the paged results of a saved search in a specified format.

Export a Saved Search by Name

GET /api/V1/getsearchresultsexport/association/{association}/scope/{scope}/
scopeowner/{scopeowner}/searchname/{searchname}/exportformat/{exportformat}

Returns the paged results of a saved search in a specified format.

Security Operations

Delete a User by Record ID
DELETE /api/V1/deleteuser/userrecordid/{userrecordid}
Delete a user by record ID. To get record IDs, use "Get a user by login ID" or "Get a user by public id."

Delete a Batch of Users
POST /api/V1/deleteuserbatch
Delete a batch of users. To get record IDs, use "Get a user by login ID" or "Get a user by public id."

Get All Available Roles
GET /api/V1/getroles
Get all available Roles.

Get Business Object permissions by Security Group (by ID)
GET /api/V1/getsecuritygroupbusinessobjectpermissions/groupid/{groupid}/busobid/{busObId}
Get specific Business Object permissions for a Security Group by passing the Group ID and Business Object ID.

Get Business Object permissions by Security Group (by Name)
GET /api/V1/getsecuritygroupbusinessobjectpermissions/groupname/{groupname}/busobname/{busobname}
Get specific Business Object permissions for a Security Group by passing the Group name and Business Object name.

Get Business Object Permissions for Current User (by ID)
GET /api/V1/getsecuritygroupbusinessobjectpermissionsforcurrentuserbybusobid/busobid/{busObId}
Get Business Object permissions for the currently logged in user's Security group by Business Object ID.

Get Business Object Permissions for Current User (by Name)
GET /api/V1/getsecuritygroupbusinessobjectpermissionsforcurrentuserbybusobname/busobname/{busobname}
Get Business Object permissions for the currently logged in user's Security group by Business Object name.

Get all Security Group Categories
GET /api/V1/getsecuritygroupcategories
Get IDs and names for all available Security Group categories.

Security Operations (cont.)

Get Permissions for a Security Group by Category (by ID)
GET /api/V1/getsecuritygrouprights/groupid/{groupid}/categoryid/{categoryid}
Get permissions for a Security Group by category by passing the group and category IDs. To get Security Group IDs, use "Get all available Security Groups." To get Security Group category IDs, use "Get all Security Group categories."

Get Permissions for a Security Group by Category (by Name)
GET /api/V1/getsecuritygrouprights/groupname/{groupname}/categoryname/{categoryname}
Get permissions for a Security Group by category by passing the group and category names. To get Security Group IDs, use "Get all available Security Groups." To get Security Group category IDs, use "Get all Security Group categories."

Get Current User Permissions by Security Group Category (by ID)
GET /api/V1/getsecuritygrouprightsforcurrentuserbycategoryid/categoryid/{categoryid}
Get permissions for the current user's Security Group by category. To get Security Group category IDs, use "Get all Security Group categories."

Get Current User Permissions by Security Group Category (by Name)
GET /api/V1/getsecuritygrouprightsforcurrentuserbycategoryname/categoryname/{categoryname}
Get permissions for the current user's Security Group by category. To get Security Group category IDs, use "Get all Security Group categories."

Get All Available Security Groups
GET /api/V1/getsecuritygroups
Get IDs, names, and descriptions for all available Security Groups.

Get All Available Teams
GET /api/V1/getteams
Get IDs and names for all available Teams.

Get User Information in a Batch
POST /api/V1/getuserbatch
Get user information in a batch. To get record IDs, use "Get a user by login ID" or "Get a user by public id."

Get a User by Login ID
GET /api/V1/getuserbyloginid/loginid/{loginid}
Get detailed user information by login ID.

Get a User by Public ID
GET /api/V1/getuserbypublicid/publicid/{publicid}
Get detailed user information by public ID.

Security Operations (cont.)

Get Users in a Security Group

GET /api/V1/getusersinsecuritygroup/groupid/{groupid}

Get the users in a specified Security Group. Use "Get all available Security Groups" to get Security Group record IDs.

Get Team Assignments for a User

GET /api/V1/getusersteams/userrecordid/{userRecordId}

Get Team assignments for a user. To get record IDs, use "Get a user by login ID" or "Get a user by public id."

Get All Available Workgroups

GET /api/V1/getworkgroups

Get IDs and names for all available Workgroups.

Save User

POST /api/V1/saveuser

Create or update a user. The response is a collection because if you use a public ID, more than one user could be updated since public IDs may not be unique.

Save Users in a Batch

POST /api/V1/saveuserbatch

Create or update users in a batch. To update, specify record ID. To create, leave record ID empty.

Service Operations

Log out
DELETE /api/V1/logout

Logs out the user referenced in the authentication token.

Service Info
GET /api/V1/serviceinfo

Get information about the REST API and CSM. The response is latest REST API Version, CSM version, and CSM system date and time.

Get Token (login)
POST /token

Get an OAuth token. Use this to request an access token using clientid and a user name and password or request an access token using a refresh token.