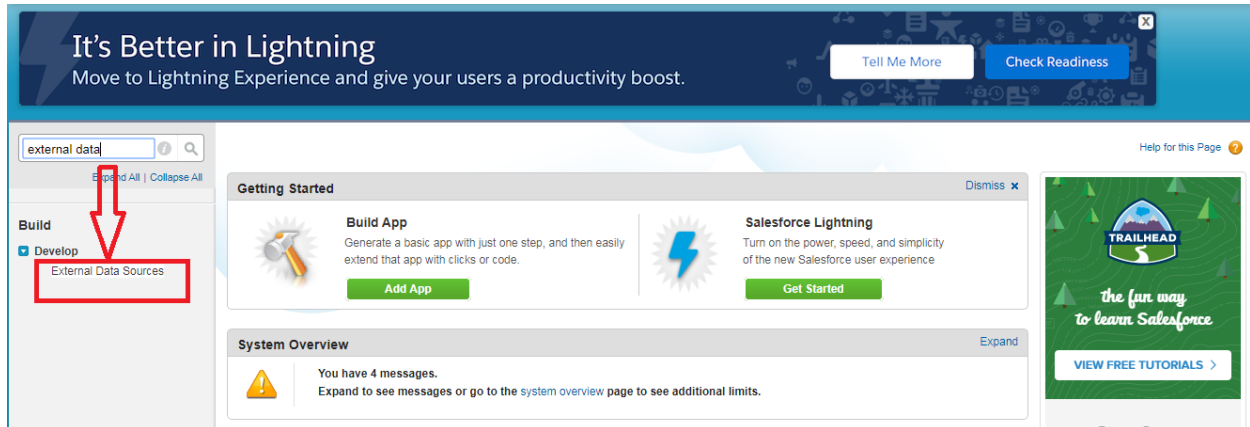


Steps (for Administrators) to enable **Salesforce Limits** for Anonymous access

Configuration

The steps below show the configuration for Anonymous access. Please note, results are viewable in Classic mode when using Anonymous¹.

Step 1: Go to *Setup* → *External Data Sources*



Step 2: There you should see *Salesforce Limits*

External Data Sources

Access data in other Salesforce orgs as well as third-party databases and content systems.

View: All Create New View

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | **All**

Action	Name ↑	External Data Source	Type	URL
Edit Del	Salesforce Limits	Salesforce Limits	Salesforce Connect: Custom— SalesforceLimitsDataSourceProvider	



There should be 'Salesforce Limits'

Step 3: Select Salesforce Limits (Edit),

Initially, Salesforce Limits may be setup with Named Credentials; however, you would still need to go thru the process of updating the credentials. This should be the settings for production environment. Although, to get a quick look, a System Administrator, can setup *anonymous access* in order to explore further in a Sandbox.

¹ Session ID from lightning is not API enabled. You have to use named credentials.

External Data Source Edit: Salesforce Limits

[Help for this Page](#) ?

Connect to another Salesforce org or a third-party database or content system.

SaveSave and NewCancel

External Data SourceSalesforce Limits

NameSalesforce_Limits

TypeSalesforce Connect: Custom—SalesforceLimitsDataSourceProvider

Parameters

High Data Volume

Authentication

Identity TypeNamed Principal

Authentication ProtocolOAuth 2.0

Authentication ProviderSalesforce Limits

Scoperefresh_token full api web

Authentication StatusPending

Start Authentication Flow on Save

SaveSave and NewCancel

The first thing you will need to do is change the **Identity Type** to *Anonymous*; and then **Save**.

External Data Source Edit: Salesforce Limits

[Help for this Page](#) ?

Connect to another Salesforce org or a third-party database or content system.

SaveSave and NewCancel

External Data SourceSalesforce Limits

NameSalesforce_Limits

TypeSalesforce Connect: Custom—SalesforceLimitsDataSourceProvider

Parameters

High Data Volume

Authentication

Identity TypeAnonymous

Authentication ProtocolNo Authentication

SaveSave and NewCancel

← (1) Changed to Anonymous

↑
(2) Save

Step 4: Select **Validate and Sync**,

External Data Source: Salesforce Limits

[Help for this Page](#) ?

Connect to another Salesforce org or a third-party database or content system.

[« Back to External Data Sources](#)

EditValidate and SyncDelete

External Data SourceSalesforce Limits

NameSalesforce_Limits

TypeSalesforce Connect: Custom—SalesforceLimitsDataSourceProvider

Parameters

High Data Volume ☐

Authentication

Identity Type Anonymous

Authentication Protocol No Authentication

EditValidate and SyncDelete

(1) Validate & Sync

External Objects

Action	Label	Namespace Prefix	Description	Table Name
Edit Erase Validate	Salesforce Limit		Salesforce Limits	SalesforceLimits

Step 5: Checkbox **SalesforceLimit**, and then Select **Sync**,

Validate External Data Source: Salesforce Limits

Confirm that you can connect to the external system, and synchronize its schema with your Salesforce org.

[« Back to External Data Source: Salesforce Limits](#)

NameSalesforce_Limits

External Data SourceSalesforce Limits

StatusSuccess

Sync

Select	Table Name	Table Label	Synced
<input checked="" type="checkbox"/>	SalesforceLimits	Salesforce Limit	<input checked="" type="checkbox"/>

After Step 5, you should see the following screen:

External Data Source: Salesforce Limits

[Help for this Page](#)

Connect to another Salesforce org or a third-party database or content system.

[Back to External Data Sources](#)

EditValidate and SyncDelete

External Data SourceSalesforce Limits

NameSalesforce_Limits

TypeSalesforce Connect: Custom—SalesforceLimitsDataSourceProvider

Parameters

High Data Volume

Authentication

Identity TypeAnonymous

Authentication ProtocolNo Authentication

EditValidate and SyncDelete

External Objects

Action	Label	Namespace Prefix	Description	Table Name
Edit Erase Validate	Salesforce Limit		Salesforce Limits	SalesforceLimits

Step 6: Optional (Validate) [caveat: not all select options work; at this time]

Validate External Object: Salesforce Limit

Validate that your external connector implementation adheres to Salesforce standards.

[Back to External Data Source: Salesforce Limits](#)

Select the types of queries to run on Salesforce Limit

	Query Type	Description
<input checked="" type="checkbox"/>	Select	Tests the SELECT keyword.
<input checked="" type="checkbox"/>	Order	Tests the ability to sort query results in ascending and descending order.
<input checked="" type="checkbox"/>	Unique ID	Checks for duplicate IDs in the external data.

Run Queries

Failed Queries

Query Type	Description	Query	Failure Reason
Select	SELECT with a Number type field	SELECT Remaining__c FROM SalesforceLimits__x WHERE Remaining__c = 40960.0 LIMIT 1	A filter based on known data returned no records.

Passed Queries

Query Type	Description	Query
Select	All of the fields in the selected object	SELECT ExternalId, Id, Max__c, Name__c, Ratio__c, Remaining__c FROM SalesforceLimits__x LIMIT 10
Select	SELECT with AND operator	SELECT ExternalId, Id FROM SalesforceLimits__x WHERE Max__c = 40960.0 AND Name__c = 'AnalyticsExternalDataSizeMB'
Order	Ascending query	SELECT Name__c FROM SalesforceLimits__x ORDER BY Name__c ASC NULLS LAST LIMIT 5
Order	Descending query	SELECT Name__c FROM SalesforceLimits__x ORDER BY Name__c DESC NULLS LAST LIMIT 5
Unique ID	Duplicate ID	SELECT ExternalId FROM SalesforceLimits__x LIMIT 100

Permission Set

In Setup, go to Permission Sets and locate **Salesforce Limits Permission Set**

SETUP
Permission Sets

Permission Sets

On this page you can create, view, and manage permission sets.

In addition, you can use the SalesforceA mobile app to assign permission sets to a user. Download SalesforceA from the App Store or Google Play: [iOS](#) | [Android](#)

All Permission Sets | [Edit](#) | [Delete](#) | [Create New View](#)

[New](#) | [A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#) | [Other](#) | [All](#)

Action	Permission Set Label ↑	Description	License	Created Date	Created By
Del Clone	Salesforce Limits Permission Set	Allow Read access to the Salesfo...		2/29/2020	

Step 2: Select manage Assignment and add user(s)

SETUP
Permission Sets

Permission Set
Salesforce Limits Permission Set

[Find Settings...](#) | [i](#) | [Clone](#) | [Delete](#) | [Edit Properties](#) | [Manage Assignments](#)

(1) Select Manage Assignments and add User(s)

Permission Set Overview

Description	Allow Read access to the Salesforce Limits external object	API Name	Salesforce_Limits_Permission_Set
License		Namespace Prefix	
Session Activation Required	<input type="checkbox"/>	Created By	
Last Modified By			

Screen should show user(s) added to permission set.

SETUP
Permission Sets

Assignment Summary
Salesforce Limits Permission Set

[Help for this Page](#)

✓ Permission set Salesforce Limits Permission Set has been assigned to 1 user.

[Done](#)

Full Name	Username	User License	Message
Bill Anderson	bill.anderson@salesforce.com.xac	Salesforce	Success

[Done](#)

External Data Object

Step 1: Ensure the external object (Salesforce Limit) is Deployed.

Q external

▼ Email

Send through External Email Services

▼ Integrations

External Data Sources

External Objects

External Services

Didn't find what you're looking for? Try using Global Search.

SETUP External Objects

Edit External Object
Salesforce Limit

(2) Save

External Object Definition Edit

Save Save & New Cancel

External Object Information

The singular and plural labels are used in tabs, page layouts, and reports. Be careful when changing the name or label as it may affect existing integrations and merge templates.

Label **Salesforce Limit** Example: Account

Plural Label **Salesforce Limits** Example: Accounts

Starts with vowel sound ☐

The Object Name is used when referencing the object via the API.

Object Name **SalesforceLimits** Example: Account

Description

Context-Sensitive Help Setting

☒ Open the standard Salesforce.com Help & Training window

☐ Open a window using a custom s-control

☐ Open a window using a Visualforce page

Content Name **--None--**

External Connection Detail

External Data Source **Salesforce Limits**

Table Name **SalesforceLimits**

Display URL Reference Field **--None--**

Optional Features

☒ Allow Reports

Deployment Status

☐ In Development

☒ **Deployed**

(1) Ensure external object is Deployed

Once the external object is deployed, go to the *App Launcher* (waffle) and search for **salesforce limits**

App Launcher

Setup Home Object Manager

Q Search Setup

Q **salesforce limits**

Apps

No results

Items

Salesforce Limits

View All

External Objects

External Services

SETUP External Objects

External Objects

Objects to virtually represent external data as Salesforce objects. External objects map to a table in a data source outside the Salesforce org and enable access to that data via custom tabs and search. Each external object requires an external data source definition for connection details.

New External Object

Action	Label	Installed Package	Deployed	External Data Source	Description
Edit Erase	Salesforce Limit		<input checked="" type="checkbox"/>	Salesforce Limits	Salesforce Limits

Custom Tab - View

After you have configured the External Data Source. You will be able to view the Salesforce Limits.

However, if you are using the Lightning Experience, *Anonymous*, will not work as the Session ID from lightning is not API enabled. You have to use *named credentials*. If you switch to Classic, and go to the Salesforce Limits Tab, **you will see the results** (see section [Results](#)).

Custom Tabs

[Help for this Page](#)

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

New [What Is This?](#)

Action	Label	Tab Style	Description
Edit	Revenue Transactions	Ticket	
Edit	Run Logs	Pencil	
Edit Del	Salesforce Limits	Chip	Salesforce Limits

1) Custom Tabs - find Salesforce Limits

Results

The Anonymous results from a Classic view (as Lightning Session Id is not API enabled [*CSP Trust will not remedy this either*]).

 [All](#) [Edit](#) [Delete](#) [Create New View](#) [Mass Editor](#) (Chrome Extension)

Name	Max	Ratio	Remaining
AnalyticsExternalDataSizeMB	40,960	0.00	40,960
ConcurrentAsyncGetRecordInstances	200	0.00	200
ConcurrentEinsteinDataInsightsStoryCreation	5	0.00	5
ConcurrentEinsteinDiscoveryStoryCreation	2	0.00	2
ConcurrentSyncReportRuns	20	0.00	20
DailyAnalyticsDataflowJobExecutions	60	3.33	58
DailyAnalyticsUnloadedFileSizeMB	51,200	0.00	51,200
DailyApiRequests	135,000	0.10	134,870
DailyAsyncAcexExecutions	250,000	0.04	249,902
DailyBulkApiRequests	10,000	0.00	10,000
DailyBulkV2QueryFileStorageMB	976,562	0.00	976,562
DailyBulkV2QueryJobs	10,000	0.00	10,000
DailyDurableGenericStreamingApiEvents	1,000,000	0.00	1,000,000
DailyDurableStreamingApiEvents	1,000,000	0.00	1,000,000
DailyEinsteinDataInsightsStoryCreation	1,000	0.00	1,000
DailyEinsteinDiscoveryPredictAPICalls	50,000	0.00	50,000
DailyEinsteinDiscoveryPredictionsByCDC	500,000	0.00	500,000
DailyEinsteinDiscoveryStoryCreation	100	0.00	100
DailyGenericStreamingApiEvents	10,000	0.00	10,000
DailyStandardVolumePlatformEvents	50,000	0.00	50,000
DailyStreamingApiEvents	1,000,000	0.00	1,000,000
DailyWorkflowEmails	120,500	0.00	120,500
DataStorageMB	47,450	0.23	47,342
DurableStreamingApiConcurrentClients	2,000	0.05	1,999
FileStorageMB	135,318	0.09	135,198

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