

Salesforce Limits Quick Reference Guide

Version 34.0, Summer '15





CONTENTS

Salesforce Limits Quick Reference Guide Overview
Chapter 1: Salesforce Application Limits
Salesforce Features and Editions Limits
Salesforce Features and Editions Limits Table
Increased App Limits with Expansion Pack and Unlimited Apps Pack
Salesforce1 Reporting Limits
Campaign Limits
Chatter Limits
Custom Field Limits
Email Limits
Salesforce Knowledge Limits
Picklist Limits
Sites Limits
Workflow and Approval Limits
Data Related Limits
Dates: Valid Range for Date Fields
Import Limits
External Data Integration Limits
Rules Limits
Search Limits
Storage Capacity Limits
File Related Limits
File Size Limits
File Share Limits
Sandbox Limits
Chapter 2: Force.com Platform Limits
Apex Governor Limits
API Limits
API Requests Limits
Chatter REST API Limits
Bulk API Limits
API Query Cursor Limits
SOAP API Call Limits
Streaming API Limits
Email Limits
Metadata Limits
SOQL and SOSL Limits

Contents

Visualfo	rce	e Lir	nit	s	 ٠	 ٠	 ۰	 ۰	٠	 ۰			۰			۰	 ۰	•	۰		۰	 ۰	 ٠	۰	 ٠	 ۰	47	
Index												 				۰							 ٠			 ۰	48	

SALESFORCE LIMITS QUICK REFERENCE GUIDE OVERVIEW

This guide provides commonly referenced limits for Salesforce.

This guide may not cover all limits or may contain limits that don't apply to your organization. Stated limits aren't a promise that the specified resource is available at its limit in all circumstances. For example, load, performance and other system issues might prevent some limits from being reached. In addition, this guide doesn't include limits of:

- User interface elements in the Salesforce application
- Field lengths of Salesforce objects
- Desktop integration clients

CHAPTER 1 Salesforce Application Limits

This chapter provides limits for Salesforce.

Salesforce Features and Editions Limits

The following are limits for Salesforce features by edition.

Salesforce Features and Editions Limits Table

This table summarizes the limits for some features in the Salesforce application by edition. Footnotes appear beneath this table. For features not included in this table, check the later sections in this guide for limit information.

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Action Plans: Maximum Number of Tasks	N/A	N/A	N/A	N/A	75	75	75
Active Lookup Filters	5 per object	5 per object	5 per object	5 per object	5 per object	5 per object	5 per object
Active Validation Rules	N/A	20 per object	20 per object	20 per object	100 per object	500 per object	100 per object
Attachments: Maximum Size of Attachment in the Notes & Attachments Related List ¹	N/A	25 MB for file attachments. 2 GB for feed attachments.	attachments. 2 GB for feed	25 MB for file attachments. 2 GB for feed attachments.	2 GB for feed	2 GB for feed	2 GB for feed
Categories: Maximum Default Number of Categories and Hierarchy Levels	N/A	N/A	N/A	N/A	100 categories in a data category group and 5 levels in a data category group	100 categories in a data category group and 5 levels in a data category group	100 categories in a data category group and 5 levels in a data category group
Category Groups: Maximum Default Number of Category Groups	N/A	N/A	N/A	N/A	5 category groups and 3 active category groups	5 category groups and 3 active category groups	5 category groups and 3 active category groups

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Certificates: Maximum Number of Certificates	N/A	N/A	N/A	N/A	50	50	50
Content Deliveries: Default Delivery Bandwidth per Rolling 24-hour Window	10 GB	10 GB	10 GB	10 GB	10 GB	10 GB	10 GB
Content Deliveries: Default Delivery View Counts per Rolling 24-hour Window	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Content Deliveries: Maximum File Size for Online Viewing	25 MB	25 MB	25 MB	25 MB	25 MB	25 MB	25 MB
	38 MB wh10 MB for	n uploaded via nen uploaded v Google Docs nen uploaded v	ia SOAP API				
Content: Maximum Number of Libraries	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Content: Maximum Number of Content Documents	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Content: Maximum Number of Content Documents and Versions in a 24–hour Period (Adjustable)	36,000	36,000	36,000	36,000	36,000	36,000	2,500
Content Packs: Maximum Number of Files	N/A	50	50	50	50	50	50
Custom Apps (The custom apps contained in a managed package publicly posted on the AppExchange don't count against the limits for your Salesforce Edition.)	N/A	1	1	5	10	Unlimited	10
Custom Fields	5 per object	25 per object	100 per object	100 per object	500 per object	800 per object	500 per object

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
(Additional restrictions apply for activities, long text area fields, relationship fields, and roll-up summary fields.)							
Custom Labels	N/A	N/A	N/A	5,000	5,000	5,000	5,000
Custom Links: Maximum Length of Link Label	1,024 characters	1,024 characters	1,024 characters	1,024 characters	1,024 characters	1,024 characters	1,024 characters
Custom Links: Maximum Length of Link URL	3,000 bytes ²	3,000 bytes ²	3,000 bytes ²	3,000 bytes ²	3,000 bytes ²	3,000 bytes ²	3,000 bytes ²
Custom Objects	N/A	5	50	50	200	2,000	400
			bjects contained gainst the limit	-		y posted on the	AppExchange
			custom objects I delete or erase				recommend
Custom Objects: Maximum Number of Master-Detail Relationships	N/A	2 ³	2 ³	2 ³	2 ³	2 ³	2 ³
Custom Objects: Deletion of Parent Records in a Many-to-Many Relationship	N/A	junction obje	many relations ct records are a d that rolls up to	ssociated with	it <i>and</i> if the jun		
Custom Permissions	N/A	N/A	N/A	N/A	1,000	1,000	1,000
Custom Profiles: Maximum Number of Custom Profiles Per User License Type	N/A	N/A	N/A	N/A	1,500	1,500	1,500
Custom Settings: Cached Data Limit	The lesser of 10 MB or 1 MB multiplied by the number of full-featured user licenses in your organization	N/A	The lesser of 10 MB or 1 MB multiplied by the number of full-featured user licenses in your organization	N/A	The lesser of 10 MB or 1 MB multiplied by the number of full-featured user licenses in your organization	The lesser of 10 MB or 1 MB multiplied by the number of full-featured user licenses in your organization	The lesser of 10 MB or 1 MB multiplied by the number of full-featured user licenses in your organization
Custom Settings: Maximum Number of Fields Per Custom Setting		N/A	100	N/A	300	300	300

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition		
Divisions: Maximum Number of Divisions	N/A	N/A	N/A	100	100	100	N/A		
Documents: Maximum Size of Custom App Logo	20 KB	20 KB	20 KB	20 KB	20 KB	20 KB	20 KB		
Documents: Maximum Size of Document to Upload	5 MB	5 MB	5 MB	5 MB	5 MB	5 MB	5 MB		
Documents: Maximum File Name Size (Including File Extension Name)	255 characters	255 characters	255 characters	255 characters	255 characters	255 characters	255 characters		
Entitlement Processes and Milestones	N/A	N/A	N/A	N/A	For Enterprise, Unlimited, Performance, and Developer Editions, you can have: 20 Entitlement processes 10 Milestones for each entitlement process Contact Salesforce for information on increasing the number of entitlement processes and milestones.				
External Objects ⁴	N/A	N/A	N/A	N/A	100	100	100		
Field History Tracking: Maximum Number of Standard or Custom Fields Tracked for Standard or Custom Objects	N/A	20	20	20	20	20	20		
Files: Maximum File Size in Chatter and on the Files Tab	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB		
Fiscal Years: Maximum Number of Custom Fiscal Years	250	250	250	250	250	250	250		
Lightning Pages: Maximum number of components in a single region	25	25	25	25	25	25	25		
Formulas: Maximum Number of Characters	3,900 characters	3,900 characters	3,900 characters	3,900 characters	3,900 characters	3,900 characters	3,900 characters		
Formulas: Maximum Number of Displayed Characters After an	1,300 characters	1,300 characters	1,300 characters	1,300 characters	1,300 characters	1,300 characters	1,300 characters		

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Evaluation of a Formula Expression							
Formulas: Maximum Formula Size (in Bytes) When Saved	4,000 bytes	4,000 bytes	4,000 bytes	4,000 bytes	4,000 bytes	4,000 bytes	4,000 bytes
Formulas: Maximum Formula Size (in Bytes) When Compiled	5,000 bytes	5,000 bytes	5,000 bytes	5,000 bytes	5,000 bytes	5,000 bytes	5,000 bytes
Formulas: Number of Unique Relationships Per Object	10	10	10	10	10	10	10
Formulas: VLOOKUP Functions	10 per object	10 per object	10 per object	10 per object	10 per object	10 per object	10 per object
Ideas: Maximum Size of HTML Idea Description	N/A	N/A	N/A	32 KB	32 KB	32 KB	32 KB
Ideas: Maximum Size of HTML Idea Comment	N/A	N/A	N/A	4 KB	4 KB	4 KB	4 KB
Master-Detail Relationship: Maximum Number of Child Records	10,000 ⁵	10,000 ⁵	10,000 ⁵	10,000 ⁵	10,000 ⁵	10,000 ⁵	10,000 ⁵
Objects: Maximum Number of Deleting Combined Objects and Child Records	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Opportunities: Maximum Number of Opportunity Team Members	N/A	N/A	N/A	N/A	30	30	30
Permission sets: Maximum Number of Created Permission Sets	N/A	1	1	1	1,000	1,000	1,000
Permission Sets: Maximum Number of Permissions Sets (Including Created and Added as Part of an Installed Managed AppExchange Package)	N/A	N/A	1,500	1,500	1,500	1,500	1,500
Question: Maximum Number of Characters	N/A	N/A	N/A	N/A	1,000	1,000	N/A

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Question: Maximum Number of Characters (with Chatter Answers Optimize Question Flow enabled)	N/A	N/A	N/A	N/A	32,000	32,000	N/A
Quote PDF: Maximum Logo Size	N/A	N/A	N/A	5 MB	5 MB	5 MB	5 MB
Quote PDF: Maximum Logo Height	N/A	N/A	N/A	150 pixels	150 pixels	150 pixels	150 pixels
Recycle Bin: Maximum Number of Records	25 times your storage capacity in MBs	25 times your storage capacity in MBs	25 times your storage capacity in MBs	25 times your storage capacity in MBs	25 times your storage capacity in MBs	25 times your storage capacity in MBs	25 times your storage capacity in MBs
Reply: Maximum Number of Characters	N/A	N/A	N/A	N/A	1,000	1,000	N/A
Reply (Private): Maximum Number of Characters (with Chatter Answers Optimize Question Flow enabled)	N/A	N/A	N/A	N/A	4,000	4,000	N/A
Replies (Public): Maximum Number of Characters (with Chatter Answers Optimize Question Flow enabled)	N/A	N/A	N/A	N/A	32,000	32,000	N/A
Shared Activities	to non-recurr		oup tasks, and	oled Shared Act non-recurring (
Sharing Rules	N/A	N/A	N/A	Developer Edi	itions, administ	Unlimited, Perforrators can crea uding up to 50	te up to 300
Static Resources	N/A	A single static resource can be up to 5 MB in size. An organization	A single static resource can be up to 5 MB in size. An organization	A single static resource can be up to 5 MB in size. An organization	A single static resource can be up to 5 MB in size. An organization	A single static resource can be up to 5 MB in size. An organization	A single static resource can be up to 5 MB in size. An organization

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
		can have up to 250 MB of static resources, total.	can have up to 250 MB of static resources, total.	can have up to 250 MB of static resources, total.	can have up to 250 MB of static resources, total.	can have up to 250 MB of static resources, total.	can have up to 250 MB of static resources, total.
Tabs (The custom tabs contained in a managed package publicly posted on the AppExchange don't count against the limits for your Salesforce Edition.)	N/A	3	5	10	25	Unlimited	100
Tags	500 uniqu5,000 instAcross all use1,000 uni50,000 in	ns, a user is limit ue personal tag cances of person rs, your organiz que public tags stances of publi d instances of pe	s nal tags applied ation can have s ic tags applied	d to records a maximum of to records			
Territories: Maximum Number of Account Assignment Rules	N/A	N/A	N/A	N/A	15	15	15
Users: Maximum Number of Users Created	1	5 5000 Chatter Free	10 5000 Chatter Free	Unlimited 5000 Chatter Free	Unlimited 5000 Chatter Free	Unlimited 5000 Chatter Free	2 5000 Chatter Free
Visual Workflow	N/A	N/A	N/A	N/A	Developer Ed to: 50 version 2000 step Each organiza 500 active 1000 flow	os ation can have u e flows	w can have up up to:

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
					per hour • 20,000 de	nts being proce efined relative a flows and flow	larm events
Web-to-Case: Maximum Number of New Cases Generated in a 24–hour Period	N/A	N/A	N/A	5,000 ⁶	5,000 ⁶	5,000 ⁶	5,000 ⁶
Web-to-Lead: Maximum Number of New Leads Generated in a 24–hour Period	N/A	N/A	N/A	500 ⁶	500 ⁶	500 ⁶	500 ⁶

¹ You can add an attachment to the Attachments related list of a case, solution, campaign, task, or event, or to the Notes and Attachments related list of an account, contact, lead, opportunity, or custom object. If you don't see the related list on task or event page layouts, you may need to ask your administrator to add it. All file types are supported, including everything from Microsoft® PowerPoint presentations and Excel spreadsheets, to Adobe® PDFs, image files, audio files, and video files.

Increased App Limits with Expansion Pack and Unlimited Apps Pack

Increase app-related limits in your organization with Expansion Pack or Unlimited Apps Pack.

Expansion Pack for Professional Edition

For Professional Edition, you can purchase Expansion Pack units to increase app, tab, and object limits. Each Expansion Pack unit corresponds to a user license in your organization.

The following table shows the limits that are upgraded by Expansion Pack.

² When data is substituted for the tokens in the URL, the link may exceed 3,000 bytes. Your browser may enforce additional limits for the maximum URL length.

³ Each relationship is included in the maximum number of custom fields allowed.

⁴ The limit of 100 external objects applies regardless of how many Lightning Connect add-ons you purchase for your organization.

⁵ As a best practice, don't exceed 10,000 child records for a master-detail relationship.

⁶ If your organization exceeds its daily Web-to-Case or Web-to-Lead limit, the default case owner or default lead creator receives a notification email that contains information about the case or lead. When your organization reaches the 24-hour limit, Salesforce stores additional requests in a pending request queue that contains both Web-to-Case and Web-to-Lead requests. The requests are submitted when the limit refreshes. The pending request queue has a limit of 50,000 combined requests. If your organization reaches the pending request limit, additional requests are rejected and not queued. Your administrator receives email notifications for the first five rejected submissions. Contact Salesforce Customer Support to change your organization's pending request limit.

Feature	Professional Edition	Professional Edition + Expansion Pack
Custom Apps	5	15
Custom Tabs	10	25
Custom Objects	50	200

Unlimited Apps Pack for Enterprise Edition

For Enterprise Edition, you can purchase Unlimited Apps Pack units to increase app, tab, and object limits, as well as the maximum number of API calls and data storage capacity. Each Unlimited Apps Pack unit corresponds to a user license in your organization.

The following table shows the limits that are upgraded by Unlimited Apps Pack.

Feature	Enterprise Edition	Enterprise Edition + Unlimited Apps Pack
Custom Apps	10	Unlimited (9,999)
Custom Tabs	25	Unlimited (9,999)
Custom Objects	200	2,000
API Calls	Depends on the license type.	Current limit + 4,000 calls
Data Storage	20 MB per user or 1 GB per organization, whichever is greater	120 MB per user or 1 GB per organization, whichever is greater

Adding Pack Units

Expansion pack and Unlimited Apps Pack units are available for Sales Cloud, Service Cloud, Force.com, and Site.com-Only users. An organization can be upgraded only once with Expansion Pack or Unlimited Apps Pack. If your organization needs higher app limits than what the pack provides, we recommend upgrading your organization's edition. To add Expansion Pack or Unlimited Apps Pack units, contact your Salesforce representative.

Salesforce1 Reporting Limits

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Field Filters per Report ¹	20	20	20	20	20	20	20
Formulas per Report	5	5	5	5	5	5	5

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Scheduled Reports (Emailed reports can be up to 10 MB.)	N/A	N/A	N/A	One per hour ² (off-peak hours only ³)	One per hour ²	Two per hour ²	One per hour ² (off-peak hours only ³)
				(Limited to three preferred start times, which can't be changed)			(Limited to three preferred start times, which can't be changed)
Dashboard Filters	N/A	N/A	N/A	3 per dashboard	3 per dashboard	3 per dashboard	3 per dashboard
Dynamic Dashboards	N/A	N/A	N/A	N/A	Up to five per organization	Up to 10 per organization	Up to three per organization
Scheduled Dashboard Refreshes	N/A	N/A	N/A	N/A	One per hour ²	Two per hour ²	N/A
Custom Report Types	N/A	N/A	N/A	50	200	2,000	400
(Limits apply to all custom report types regardless of development status.)							
Reporting Snapshots	N/A	N/A	N/A	One per hour ² (off-peak hours only ³)	One per hour ²	Two per hour ²	One per hour ² (off-peak hours only ³)
				(Limited to one preferred start time per day, which can't be changed)			(Limited to one preferred start time per day, which can't be changed)

¹ These limits apply to the report builder. If you're using the report wizard, the limit is 10.

² Up to a possible maximum of 200, total.

 $^{^{3}}$ Off-peak hours are between 6 PM and 3 AM local time.

Campaign Limits

Available in: Professional, Enterprise, Performance, Unlimited, and Developer Editions

Adding Contacts to Campaigns

Contact Source	Recommended Campaign Member Tool	Maximum Number of Records
A report of existing contacts	Add Campaign Members from Reports	50,000 per report
A .csv file of existing contacts	Campaign Update Wizard	50,000 per import file
A list view of existing contacts	Adding Contacts or Leads from a List View to a Campaign	250 per list page
An individual contact detail page	Adding, Editing, or Cloning Individual Campaign Members	1

Adding Leads to Campaigns

Lead Source	Recommended Campaign Member Tool	Maximum Number of Records
A report of existing leads	Add Campaign Members from Reports	50,000 per report
A .csv file of new leads	Using the Lead Import Wizard with Campaigns	50,000 per import file
A list view of existing leads	Adding Contacts or Leads from a List View to a Campaign	250 per list page
An individual lead detail page	Adding, Editing, or Cloning Individual Campaign Members	1

Campaign Influence Time

The maximum campaign influence time frame is 9,999 days.

Campaign Hierarchy

A hierarchy can contain a maximum of five levels. Each campaign can have only one parent campaign but an unlimited number of sibling campaigns.

Chatter Limits

	Feature	Limit
Groups		
	Groups a user can join	100 ¹ Archived groups don't count toward this limit.
	Groups in your organization	10,000 Archived groups don't count toward this limit.
	Members in a Group	Unlimited
	Characters in the Information field in a group	4000
	Max size of email when posting to a group by email (including text and attachments)	25 MB
	Number of attachments you can include in a post to a group by email	25
Feeds		
	Mentions in a single post or comment	25
	Number of characters in a mention search string	500 characters for a person's first and last name (combined), or for a group name
	Characters in single post or comment	5,000
	Number of email notifications sent after you like or comment on a post	10
	Bookmarks	Unlimited
	Favorites	50
	People, topics, and records you can follow	500 ²
	Maximum number of posts you can see in your feed at any given time	The 500 most recent posts. This limit doesn't apply to profile, group, and record feeds.
Files		
	File attachment size	2 GB
	Times a file can be shared	100
People and	l Profiles	
	Profile photo size	8 MB

EDITIONS

Available in:

- Group
- Professional
- Enterprise
- Performance
- Unlimited
- Contact Manager
- Developer

	Feature	Limit
	People you can add to a chat	10
	People you can add to Chat My Favorites	100
	Characters in a Chatter message	10,000
Skills		
	Skills assigned to a user	100
	Characters in a skill name	99
Topics		
	Topics on a single post	10
	Topics on a single record	100
	Characters in a topic name	99

¹All Chatter groups count toward this limit, except archived groups. For example, if you're a member of 100 groups, of which 10 are archived, you can join 10 more groups.

²You can follow a maximum combined total of 500 people, topics, and records. To see how many items you're following, view the Following list on your profile.

Chatter Plus Feature	Limit
Chatter Plus licenses in your organization	Unlimited
Data storage per Chatter Plus user	20 MB
File storage per Chatter Plus user	612 MB

Posts and comments that users make in Chatter are retained during the entire time that a customer's applicable organization remains provisioned. We reserve the right to enforce limits on:

- The number of system-generated tracked feed updates. Currently tracked feed updates that are older than 45 days and have no likes or comments are deleted automatically. The tracked feed updates no longer appear in the feed. However, if auditing is enabled for a tracked field, the audit history for that field is still available.
- The number of email notifications that can be sent per organization per hour.

The limits are subject to change. Contact Salesforce for more information.

Search Limits for Files in Chatter

Search supports several file types and has file size limits. If a file exceeds the maximum size, the text within the file isn't searched, but the file's name, description, type, and owner are.

File Type	File Extensions	Maximum File Size for Text Within the File to be Searchable
HTML	.htm, .html, .xhtml	5 MB

File Type	File Extensions	Maximum File Size for Text Within the File to be Searchable
PDF	.pdf	25 MB
PPT	.ppt, .pptx, .pptm	25 MB
RTF	.rtf	5 MB
Text	.c,.cpp,.css,.csv,.ini,.java,.log,.sql,.txt	5 MB
Word	.doc, .docx, .docm	25 MB
XLS	.xls, .xlsx, .xlsm	5 MB
XML	.xml	5 MB

Custom Field Limits

Available in: **All** Editions

Standard Fields and Page Layouts are not available in **Database.com**

The number of custom fields allowed per object varies according to your Salesforce Edition. The maximum number of activities, long text area fields, rich text area fields, relationship fields, and roll-up summary fields varies as well. The following table shows the maximum limits for each custom field type and edition.

Custom Field Limits	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Developer Edition	Unlimited and Performance Edition			
Activities	No additional limit	No additional limit	No additional limit	20	100	100	100			
Long Text Area Fields	All object call contain an unimited number of fich text area and long text area fichas, although your Edition's limit									
Rich Text Area Fields	text area field, y character limit	a total of 1.6 million characters across long text area and rich text area fields. When you create a long text area or rich text area field, you set a character limit for the field—the maximum length of the text that can be entered. The default character limit for long text area and rich text area fields is 32,768 characters (32 KB). The maximum character limit for long text area fields is 131,072 characters (128 KB). The minimum character limit is 256 characters.								
	The maximum	size of an image	that can be uplo	aded in a rich tex	t area field is 1 M	IB.				
Relationship Fields	No additional limit	40	40	40	40	40	40			
Roll-up Summary Fields	No additional limit	10	10	10	10	10	10			

Email Limits

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
Email Templates: Maximum Size	384 KB for text email templates		or text, HTML, a Visualforce tem	nd custom HTM nplates	IL templates		
Inbound Email Sent to Salesforce	 For all editions: Email body truncation size: 32 KB Maximum number of email activities created for each email received: 50 Maximum size of a single file attachment: 5 MB Total maximum size of file attachments: 25 MB¹ 						
Email Services: Maximum Number of Email Messages Processed by Salesforce per Day	N/A	N/A	N/A	Number of user licenses multiplied by 1,000, up to a daily maximum of 1,000,000	Number of user licenses multiplied by 1,000, up to a daily maximum of 1,000,000	Number of user licenses multiplied by 1,000, up to a daily maximum of 1,000,000	Number of user licenses multiplied by 1,000, up to a daily maximum of 1,000,000
Email Services: Maximum Size of Email Message (includes email headers, body, attachments, and encoding)	N/A	N/A	N/A	25 MB ¹	25 MB ¹	25 MB ¹	25 MB ¹
Email-to-Case: Maximum Number of Emails Converted into Cases per Day	N/A	N/A	N/A	2,500	2,500	2,500	2,500
Extended Mail Merge: Maximum Number of Records	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Extended Mail Merge: Maximum Total Size of Selected Templates	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB	1 MB
Merge Field: Case.Email_Thread	N/A	N/A	For Group, Professional, Enterprise, Unlimited, Performance, and Developer Editions: Maximum number of emails: 200 Email body truncation size: 32 KB				
On-Demand Email-to-Case: Maximum Email Size	N/A	N/A	N/A	25 MB ¹	25 MB ¹	25 MB ¹	25 MB ¹

Feature	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Unlimited and Performance Edition	Developer Edition
(includes email headers, body, attachments, and encoding)							
On-Demand Email-to-Case: Maximum Number of Email Messages Processed by Salesforce per Day	N/A	N/A	N/A	Number of user licenses multiplied by 1,000, up to a	Number of user licenses multiplied by 1,000, up to	Number of user licenses multiplied by 1,000, up to	Number of user licenses multiplied by 1,000, up to
(Counts toward limit for Email Services)				daily maximum of 1,000,000	a daily maximum of 1,000,000	a daily maximum of 1,000,000	a daily maximum of 1,000,000

¹ The maximum size of email messages for Email Services varies depending on language and character set. The size of an email message includes the email headers, body, attachments, and encoding. As a result, an email with a 25 MB attachment would likely exceed the 25 MB total size limit for an email message, after accounting for the size of headers, body, and encoding.

For more information on outbound email limits, see Email Limits.

Salesforce Knowledge Limits

Salesforce Knowledge Limits	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Developer Unlimited Edition Edition and Reformance Edition
Maximum number of articles	N/A	N/A	N/A	N/A	50,000 articles
Maximum number of article types	N/A	N/A	N/A	N/A	100 article types
Maximum number of custom fields	N/A	N/A	N/A	N/A	Enterprise, Developer, and Unlimited editions: 500 custom fields per article type
per article type					Performance editions: 800 custom fields per article type
Maximum file fields	N/A	N/A	N/A	N/A	5 file fields
Maximum file field size	N/A	N/A	N/A	N/A	File fields are counted as attachments and can be up to 25 MB.

EDITIONS

Salesforce Knowledge is available in **Performance** and **Developer** editions.

Salesforce Knowledge is available for an additional cost in **Enterprise** and **Unlimited** editions.

Salesforce Knowledge Limits	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Developer Edition	Unlimited and Performance Edition
Maximum rich text area size	N/A	N/A	N/A	N/A	131072 charac	ters	
Maximum size of all rich text area fields on an article	N/A	N/A	N/A	N/A	1638400 chara	octers	
Maximum unique article references (links) in a rich text area field	N/A	N/A	N/A	N/A		up to 100 links t wledge articles	
Article history tracking	N/A	N/A	N/A	N/A	Article events a	are tracked for u	p to 18 months.
Maximum number of supported languages	N/A	N/A	N/A	N/A	16 supported l	anguages	
Article import	N/A	N/A	N/A	N/A	The import .zip	o file must meet	the following
					• There can .properties	only be one .csv s file.	file and one
						e and the .prope oot directory.	erties file must
						ression process and subfolder st	•
					• The .zip file characters	e name can't co	ntain special
						e can't exceed 1 ssed files can't e	
					including t	the header row. maximum of 9,	an 10,000 rows, Therefore, you 999 articles and
					• .csv file rov	ws can't exceed	400,000
					• .csv file cel	ls can't exceed :	32 KB.
					• Each article than 49 tra		can't have more
Maximum number of data category groups and active data category groups	N/A	N/A	N/A	N/A	5 category grou	ups and 3 active	category groups

Salesforce Knowledge Limits	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Developer Edition	Unlimited and Performance Edition
Maximum number of categories per data category group	N/A	N/A	N/A	N/A	100 categories	in a data catego	ory group
Maximum number of levels in data category group hierarchy	N/A	N/A	N/A	N/A	5 levels in a da	ta category grou	up hierarchy
Maximum number of data categories from a data category group assigned to an article	N/A	N/A	N/A	N/A	8 data categories from a data category group assigned to an article		
Maximum number of promoted search terms	N/A	N/A	N/A	N/A	Your organizat	ion can create a ed terms.	maximum of

Picklist Limits

Available in: **All** Editions

Standard Picklists are not available in **Database.com**

The maximum number of entries you can have in a picklist is determined by the total number of characters allowed in the picklist, which is 15,000 characters. Note that each entry includes a linebreak and a return character that are not visible. These two additional characters per entry are counted as part of the 15,000 character limit.

Additional Limits for Standard Picklists

For standard picklists, entries can be up to 40 characters, not including linebreaks and returns. For standard multi-select picklists, the total number of characters for all entries cannot exceed 255.

For standard picklists in organizations that use record types or the Translation Workbench, you can have an unlimited number of entries with the following exceptions for special picklists.

Picklist Field	Maximum Number of Entries
Lead Status	100
Task Status	100
Task Priority	50
Case Status	100

Picklist Field	Maximum Number of Entries
Case Priority	50
Opportunity Stage	100

Additional Limits for Custom Picklists

Within the 15,000 total character limit, custom picklists can have:

- Up to 1,000 entries
- Up to 255 characters per entry

Custom multi-select picklists can have:

- Up to 150 values
- Up to 40 characters per value

Note that for multi-select picklists, users can select up to 100 values at a time on a record.

Sites Limits

Available in: **Developer**, **Enterprise**, **Performance**, and **Unlimited** Editions

Edition	Maximum Number of Sites	Bandwidth Limit (per rolling 24-hour period per site)	Service Request Time (per rolling 24-hour period per site)	Maximum Page Views
Developer Edition	1	500 MB	10 minutes	N/A
Enterprise Edition	25	1 GB for sandbox 40 GB for production	30 minutes for sandbox 60 hours for production	500,000
Unlimited Edition Performance Edition	25	1 GB for sandbox 40 GB for production	30 minutes for sandbox 60 hours for production	1,000,000

Workflow and Approval Limits

Workflow and Approvals Limits	Personal Edition	Contact Manager	•	Professional Edition	Enterprise Edition	Developer Edition	Unlimited and Refamance Edition
Approval Processes	N/A	N/A	N/A	Each organization can have: 1,000 approval processes 300 approval processes per object Each approval process can have: 30 steps 25 approvers per step 40 initial submission actions 40 final approval actions 40 final rejection actions 10 recall actions Each set of initial submission, final approval, final rejection, and recall actions can have: 10 email alerts 10 tasks 10 field updates 10 outbound messages		l approval,	
Approval Request Comments: Maximum Number of Characters	N/A	N/A	N/A	4,000 char	acters. In Ch	nments are l ninese, Japa 33 characte	nese, or
Workflow Rules	N/A	N/A	N/A	 10 tim 40 imr 40 tim trigger The immedian have: 10 em 10 task 10 field 10 out 	diate action ail alerts	ions nt actions p s and each t	

EDITIONS

Approvals are available in: Professional, Enterprise, Performance, Unlimited, and Developer Editions

Workflow is available in: **Professional, Enterprise**,

Performance, Unlimited,
Developer, and
Database.com Editions

Workflow tasks, email alerts, and flow triggers are not available in **Database.com**

Workflow and Approvals Limits	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Developer Edition	Unlimited and Performance Edition
Workflow Time Triggers Per Hour	N/A	N/A	N/A	250	500	50	1,000
Flow Trigger ² Workflow Actions: Flow Variable Assignments	N/A	N/A	N/A	N/A	25	25	25
Workflow Emails Per Day	N/A	N/A	N/A	1,000 per standard Salesforce license	1,000 per standard Salesforce license	15 per standard Salesforce license	1,000 per standard Salesforce license
				2,000,000 per organization	2,000,000 per organization	2,000,000 per organization	2,000,000 per organization

¹ The Process Builder has superseded flow trigger workflow actions, formerly available in a pilot program. Organizations that are using flow trigger workflow actions can continue to create and edit them, but flow trigger workflow actions aren't available for new organizations. For information on enabling the Process Builder in your organization, contact Salesforce.

Workflow Alert Emails: Daily Workflow Alert Email Limits

The daily limit for emails sent through email alerts is 1,000 per standard Salesforce license per organization—except for free Developer Edition and trial organizations, where the daily workflow email limit is 15 per standard Salesforce license. The overall organization limit is 2,000,000. This limit applies to emails sent through email alerts in workflow rules, approval processes, flows, processes, or the REST API.

After your organization has reached its daily workflow email limit:

- Any emails in the workflow queue left over and not sent that day are discarded. Salesforce doesn't try to resend them later.
- If a workflow rule with an action and an email alert is triggered, only the email action is blocked.
- Final approval, final rejection, approval, rejection, and recall email actions are blocked.
- An error message is added to the debug log.

The following items don't count against the workflow email limit:

- Approval notification emails
- Task assignment notifications
- Lead assignment rules notifications
- Case assignment rules notifications
- Case escalation rules notifications
- Force.com sites usage alerts

The limit restriction is based on activity in the 24-hour period starting and ending at midnight GMT. Adding or removing a user license immediately adjusts the limit's total. If you send an email alert to a group, every recipient in that group counts against your daily workflow email limit.

When workflow email alerts approach or exceed certain limits, Salesforce sends a warning email to the default workflow user or—if the default workflow user isn't set—to an active system administrator.

When	Salesforce Sends	Warning Email Includes
An email alert isn't sent because the number of recipients exceeds the limit for a single email	A warning email for each unsent email alert	The unsent email alert's content and recipients
The organization reaches 90% of the limit of emails per day	One warning email	The limit and the organization's usage
The organization reaches 90% of the limit of workflow emails per day	One warning email	The limit and the organization's usage
An email alert isn't sent because the organization reaches the limit of emails per day	A warning email after every 100 attempted email alerts over the limit	The limit and the organization's usage
An email alert isn't sent because the organization reaches the limit of workflow emails per day	A warning email after every 100 attempted email alerts over the limit	The limit and the organization's usage

Data Related Limits

The following limits are related to data stored in Salesforce.

Dates: Valid Range for Date Fields

Only dates within a certain range are valid. The earliest valid date is 1700-01-01T00:00:00Z GMT, or just after midnight on January 1, 1700. The latest valid date is 4000-12-31T00:00:00Z GMT, or just after midnight on December 31, 4000. These values are offset by your time zone. For example, in the Pacific time zone, the earliest valid date is 1699-12-31T16:00:00, or 4:00 PM on December 31, 1699.

Import Limits

This table lists the import limits by type of record, as well as the permissions required for the import.

Type of record	Import record limit	Users with access
Business accounts and contacts owned by you	500 at a time	All users
Business accounts and contacts owned by different users	50,000 at a time	Administrators; Users with the "Modify All Data" permission
Person accounts owned by you	50,000 at a time	All users



Your edition determines the types of objects you can import.

Type of record	Import record limit	Users with access		
Person accounts owned by different users	50,000 at a time	Administrators;		
		Users with the "Import Person Accounts" permission		
Leads	50,000 at a time	Administrators;		
		Users with "Read", "Create", and "Edit" on leads and the "Import Leads" permission		
Campaign members	50,000 for importing leads as new campaign	Administrators;		
	members and updating the status of existing campaign members.	Marketing users (or users with the "Import Leads" permission and the "Edit" permission on campaigns) can import new leads as campaign members. Users also need the "Read" permission on contacts to use the campaign update wizard to make existing leads and contacts campaign members.		
Custom objects	50,000 at a time	Administrators;		
		Users with the "Modify All Data" permission		
Solutions	50,000 at a time	Administrators;		
		Users with the "Import Solutions" permission		
Assets	These records cannot be imported via the in	mport wizards.		
Cases				
Campaigns				
Contracts				
Documents				
Opportunities				
Products				



Note: Your import file cannot exceed 100MB in size, and each record in the file cannot be bigger than 400KB. In addition, each imported note and each imported description cannot exceed 32KB. Descriptions longer than 32KB are truncated.

External Data Integration Limits

Some limits apply to Lightning Connect external objects and external data sources.

Lightning Connect—All Adapters

For each user, the maximum number of external objects to which you may grant object permissions is equal to the maximum number of custom objects that the user is allowed to access. This limit is determined by the user license that's assigned to the user.

Maximum external objects per organization 1	100
Maximum joins per query across external objects and other types of objects	4
Maximum length of the OAuth token that's issued by the external system	1,020 characters

¹ The limit of 100 external objects applies regardless of how many Lightning Connect add-ons you purchase for your organization.

Lightning Connect—OData 2.0 Adapter

An organization is limited to:

- 10,000 OData queries per hour for Enterprise, Performance, and Unlimited Editions. Higher limits are available on request.
- 1,000 OData gueries per hour for Developer Edition.

Maximum HTTP request size for OData	8 MB
Maximum HTTP response size for OData	8 MB
Maximum result set size for an OData query	16 MB
Maximum result set size for an OData subquery	1,000 rows
Maximum new rows retrieved per hour per external data source	50,000
(This limit doesn't apply to high-data-volume external data sources or to rows that have previously been retrieved.)	

Lightning Connect—Custom Adapter

Apex data type limits:

- Double—The value loses precision beyond 18 significant digits. For higher precision, use decimals instead of doubles.
- String—If the length is greater than 255 characters, the string is mapped to a long text area field in Salesforce.

Rules Limits

Different types of rules can have restrictions, depending on your Salesforce edition. The following table shows the restrictions with respect to edition.

Restrictions	Personal	Contact	Group	Professional	Enterprise	Developer	UthtedReference
	Edition	Manager	Edition	Edition	Edition	Edition	Edition
Active Rules (Limits apply to any combination of active workflow, assignment,		Not Available	Not Available	50 per object	50 per object	50 per object	50 per object

Restrictions	Personal Edition	Contact Manager	Group Edition	Professional Edition	Enterprise Edition	Developer Edition	Utrited Reformance Edition
auto-response, and escalation rules.							
Total Rules Allowed (Limits apply to any combination of workflow, assignment, auto-response, and escalation rules, both active and inactive.)	Not Available	Not Available	Not Available	500 per object 2,000 per organization	500 per object 2,000 per organization	500 per object 2,000 per organization	500 per object 2,000 per organization
Assignment, Auto-response, and Escalation Rules	Not Available	Not Available	Not Available	Editions, each a have: 3,000 rule e 300 formula	, Enterprise, Deve ssignment, auto- entries a criteria rule entr eria per rule entr	response, and es	
Total Actions Allowed Per Rule	Not Available	Not Available	Not Available	200	200	200	200

Search Limits

Available in: **All** Editions except **Database.com**

The following file extensions and maximum file sizes are supported for Documents search.

File Type	File Extensions	Maximum Size
HTML (only the text within a <body> tag)</body>	.htm, .html, .xhtml	5 MB
PDF	.pdf	25 MB
PPT	.pot, .pps, .ppt	25 MB
RTF	.rtf	5 MB

File Type	File Extensions	Maximum Size
Text	.c, .cpp, .css.csv, .ini, .java, .log, .sql, .txt	5 MB
Word	.doc, .dot	25 MB
XLS	.xls, .xlt	5 MB, or a maximum cell limit of 100,000 cells
XML	.xml	5 MB



Note: The contents of documents that exceed the maximum sizes are not searched; however, the document fields are still searched. Only the first 1,000,000 characters of text are searched. Text beyond this limit is not included in the search.

Storage Capacity Limits

Storage Capacity

Storage is divided into two categories: file storage and data storage. File storage includes files in attachments, the Documents tab, the Files tab, the File field, Salesforce CRM Content, Chatter (including user photos), and Site.com assets. Data storage includes the following:

- Accounts
- Article types (format: "[Article Type Name]")
- Article type translations (format: "[Article Type Name] Version")
- Campaigns
- Campaign Members
- Cases
- Case Teams
- Contacts
- Contracts
- Custom objects
- Email messages
- Events
- Forecast items
- Google docs
- Ideas
- Leads
- Notes
- Opportunities
- Opportunity Splits
- Orders
- Quotes
- Quote Template Rich Text Data

- Solutions
- Tags: Unique tags
- Tasks

For file storage, Contact Manager, Group, Professional, Enterprise, Performance, and Unlimited Editions are allocated a per-user limit multiplied by the number of users in the organization plus an additional per-organization allocation. For example, an Enterprise Edition organization with 600 users receives 1,211 GB of file storage, or 2 GB per user multiplied by 600 users plus an additional 11 GB. A Professional Edition organization with 600 users receives about 370 GB of file storage, or 612 MB per user multiplied by 600 users plus an additional 11 GB.

For data storage, Contact Manager, Group, Professional, Enterprise, Performance, and Unlimited Editions are allocated either 1 GB or a per-user limit, whichever is greater. For example, a Professional Edition organization with 10 users receives 1 GB because 10 users multiplied by 20 MB per user is 200 MB, which is less than the 1 GB minimum. A Professional Edition organization with 100 users receives more than the 1 GB minimum because 100 users multiplied by 20 MB per user is 2,000 MB.

File storage and data storage are calculated asynchronously, so your organization's storage usage isn't updated immediately if you import or add a large number of records or files.

The values in the Storage Allocation Per User License columns below apply to Salesforce and Salesforce Platform user licenses. Other standard user licenses, such as Communities user licenses, include additional storage. For a description of user licenses, see User Licenses Overview. If your organization uses custom user licenses, contact Salesforce to determine if these licenses provide additional storage.

Salesforce Edition	Data Storage Minimum Per Organization	Data Storage Allocation Per User License	File Storage Allocation Per Organization	File Storage Allocation Per User License
Contact Manager	1 GB	20 MB	11 GB	612 MB
Group	1 GB	20 MB	11 GB	612 MB
Professional	1 GB	20 MB	11 GB	612 MB
Enterprise	1 GB	20 MB	11 GB	2 GB
Performance	1 GB	120 MB	11 GB	2 GB
Unlimited	1 GB	120 MB	11 GB	2 GB
Developer	5 MB	N/A	20 MB	N/A
Personal	20 MB (approximately 10,000 records)	N/A	20 MB	N/A



Note: The only feature license that provides additional storage is Salesforce CRM Content User. Each Salesforce CRM Content User license provides an additional 512 MB of file storage, whether Salesforce CRM Content is enabled or not, bringing the total file storage allocation per user to 612 MB. To find out whether your organization has Salesforce CRM Content enabled, contact your administrator.

File Related Limits

The following limits are related to files stored in Salesforce.

File Size Limits

The following are maximum file size limits for files in Salesforce.

Feature	Files Tab and Chatter	Salesforce CRM Content	Salesforce Knowledge	Documents Tab	Attachments Related List
Maximum File Size	2 GB	 2 GB 2 GB when uploaded via REST API 38 MB when uploaded via SOAP API 10 MB for Google Docs 10 MB when uploaded via Wisualforce 	5 MB for attachments	 5 MB 20 KB for a custom-app logo 	 25 MB for file attachments 2 GB for feed attachments

EDITIONS

Available in:

- Contact Manager
- Group
- Professional
- Enterprise
- Performance
- Unlimited
- Developer

File Share Limits

The maximum number of times a file can be shared is 100. This includes files shared with people, groups, and via links. If a file is privately shared and nears the 100 share maximum, consider making the file public by posting it to your feed.

Sandbox Limits

- You can refresh a Full sandbox 29 days after you created or last refreshed it. If you delete a Full sandbox within those 29 days, you need to wait until after the 29 day period, from the date of last refresh or creation, to replace it.
- You can refresh a Partial Copy sandbox 5 days after you created or last refreshed it. If you delete
 a Partial Copy sandbox within those 5 days, you need to wait until after the 5 day period, from
 the date of last refresh or creation, to replace it.
- You can refresh a Developer or Developer Pro sandbox once per day.
- Enterprise Edition includes a license for 1 Developer sandbox.
- Performance Edition includes licenses for 1 Full sandbox, 1 Partial Copy sandbox, 5 Developer Pro sandboxes, and 30 Developer sandboxes.

EDITIONS

Available in:

- Contact Manager
- Group
- Professional
- Enterprise
- Performance
- Unlimited
- Developer

- Unlimited Edition includes licenses for 1 Full sandbox, 5 Developer Pro sandboxes, and 15 Developer sandboxes.
- If you need licenses for more sandboxes, contact salesforce.com to order sandboxes for your organization.

Sandbox Storage Limits

- Partial Copy sandboxes have a 5 GB of files and a 5 GB of data storage limit.
- Developer Pro sandboxes have a 1 GB of files and a 1 GB of data storage limit.
- Developer sandboxes have a 200 MB of files and a 200 MB of data storage limit.
- Full sandboxes have the same storage limit as your production organization.
- Sandboxes don't send email notifications when storage limits are reached. However, if you reach the storage limit of your sandbox, you can't save new data in your sandbox. To check your storage limits, from Setup, click **Data Management** > **Storage Usage** in your sandbox.

CHAPTER 2 Force.com Platform Limits

This chapter provides limits for the Force.com platform.

Apex Governor Limits

Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions

Because Apex runs in a multitenant environment, the Apex runtime engine strictly enforces limits to ensure that runaway Apex doesn't monopolize shared resources.

Per-Transaction Apex Limits

These limits count for each Apex transaction. For Batch Apex, these limits are reset for each execution of a batch of records in the execute method.

This table lists limits for synchronous Apex and asynchronous Apex (Batch Apex and future methods) when they're different. Otherwise, this table lists only one limit that applies to both synchronous and asynchronous Apex.

Description	Synchronous Limit	Asynchronous Limit	
Total number of SOQL queries issued ¹ (This limit doesn't apply to custom metadata types. In a single Apex transaction, custom metadata records can have unlimited SOQL queries.)	100	200	
Total number of records retrieved by SOQL queries	50,	.000	
Total number of records retrieved by Database.getQueryLocator	10,	.000	
Total number of SOSL queries issued	2	20	
Total number of records retrieved by a single SOSL query	2,000		
Total number of DML statements issued ²	150		
Total number of records processed as a result of DML statements, Approval.process, or database.emptyRecycleBin	10,000		
Total stack depth for any Apex invocation that recursively fires triggers due to insert, update, or delete statements ³	16		
Total number of callouts (HTTP requests or Web services calls) in a transaction	1	00	
Maximum timeout for all callouts (HTTP requests or Web services calls) in a transaction	120 seconds		
Maximum number of methods with the future annotation allowed per Apex invocation	50		
Maximum number of Apex jobs added to the queue with System.enqueueJob	Ē	50	

Force.com Platform Limits Apex Governor Limits

Description	Synchronous Limit	Asynchronous Limit	
Total number of sendEmail methods allowed	10		
Total heap size ⁴	6 MB	12 MB	
Maximum CPU time on the Salesforce servers ⁵	10,000 milliseconds	60,000 milliseconds	
Maximum execution time for each Apex transaction	10 minutes		
Maximum number of unique namespaces referenced ⁶	10		
Maximum number of push notification method calls allowed per Apex transaction	10		
Maximum number of push notifications that can be sent in each push notification method call	2,0	000	

¹ In a SOQL query with parent-child relationship subqueries, each parent-child relationship counts as an extra query. These types of queries have a limit of three times the number for top-level queries. The row counts from these relationship queries contribute to the row counts of the overall code execution. In addition to static SOQL statements, calls to the following methods count against the number of SOQL statements issued in a request.

- Database.countQuery
- Database.getQueryLocator
- Database.query

- Approval.process
- Database.convertLead
- Database.emptyRecycleBin
- Database.rollback
- Database.setSavePoint
- delete and Database.delete
- insert and Database.insert
- merge and Database.merge
- undelete and Database.undelete
- update and Database.update
- upsert and Database.upsert
- System.runAs

² Calls to the following methods count against the number of DML queries issued in a request.

³ Recursive Apex that does not fire any triggers with insert, update, or delete statements exists in a single invocation, with a single stack. Conversely, recursive Apex that fires a trigger spawns the trigger in a new Apex invocation, separate from the invocation of the code that caused it to fire. Because spawning a new invocation of Apex is a more expensive operation than a recursive call in a single invocation, there are tighter restrictions on the stack depth of these types of recursive calls.

⁴ Email services heap size is 36 MB.

⁵ CPU time is calculated for all executions on the Salesforce application servers occurring in one Apex transaction. CPU time is calculated for the executing Apex code, and for any processes that are called from this code, such as package code and workflows. CPU time is private for a transaction and is isolated from other transactions. Operations that don't consume application server CPU time aren't counted

Force.com Platform Limits Apex Governor Limits

toward CPU time. For example, the portion of execution time spent in the database for DML, SOQL, and SOSL isn't counted, nor is waiting time for Apex callouts.

⁶ In a single transaction, you can only reference 10 unique namespaces. For example, suppose you have an object that executes a class in a managed package when the object is updated. Then that class updates a second object, which in turn executes a different class in a different package. Even though the second package wasn't accessed directly by the first, because it occurs in the same transaction, it's included in the number of namespaces being accessed in a single transaction.



Note:

- Limits apply individually to each testMethod.
- To determine the code execution limits for your code while it is running, use the Limits methods. For example, you can use the getDMLStatements method to determine the number of DML statements that have already been called by your program. Or, you can use the getLimitDMLStatements method to determine the total number of DML statements available to your code.

Per-Transaction Certified Managed Package Limits

Certified managed packages—managed packages that have passed the security review for AppExchange—get their own set of limits for most per-transaction limits. Certified managed packages are developed by Salesforce ISV Partners, are installed in your organization from Force.com AppExchange, and have unique namespaces.

Here is an example that illustrates the separate certified managed package limits for DML statements. If you install a certified managed package, all the Apex code in that package gets its own 150 DML statements. These DML statements are in addition to the 150 DML statements your organization's native code can execute. This limit increase means more than 150 DML statements can execute during a single transaction if code from the managed package and your native organization both execute. Similarly, the certified managed package gets its own 100-SOQL-query limit for synchronous Apex, in addition to the organization's native code limit of 100 SOQL queries.

All per-transaction limits count separately for certified managed packages except for:

- The total heap size
- The maximum CPU time
- The maximum transaction execution time
- The maximum number of unique namespaces

These limits count for the entire transaction, regardless of how many certified managed packages are running in the same transaction.

Also, if you install a package from AppExchange that isn't created by a Salesforce ISV Partner and isn't certified, the code from that package doesn't have its own separate governor limits. Any resources it uses count against the total governor limits for your organization. Cumulative resource messages and warning emails are also generated based on managed package namespaces.

For more information on Salesforce ISV Partner packages, see Salesforce Partner Programs.

Force.com Platform Apex Limits

The limits in this table aren't specific to an Apex transaction and are enforced by the Force.com platform.

Description	Limit
The maximum number of asynchronous Apex method executions (batch Apex, future methods, Queueable Apex, and scheduled Apex) per a 24-hour period 1	250,000 or the number of user licenses in your organization multiplied by 200, whichever is greater

Force.com Platform Limits Apex Governor Limits

Description	Limit
Number of synchronous concurrent requests for long-running requests that last longer than 5 seconds for each organization. ²	10
Maximum number of Apex classes scheduled concurrently	100
Maximum number of Batch Apex jobs in the Apex flex queue that are in Holding status	100
Maximum number of Batch Apex jobs queued or active concurrently ³	5
Maximum number of Batch Apex job start method concurrent executions ⁴	1
Maximum number of batch jobs that can be submitted in a running test	5
Maximum number of test classes that can be queued per 24-hour period (production organizations other than Developer Edition) ⁵	The greater of 500 or 10 multiplied by the number of test classes in the organization
Maximum number of test classes that can be queued per 24-hour period (sandbox and Developer Edition organizations) ⁵	The greater of 500 or 20 multiplied by the number of test classes in the organization
Maximum number of query cursors open concurrently per user ⁶	50
Maximum number of query cursors open concurrently per user for the Batch Apex start method	15
Maximum number of query cursors open concurrently per user for the Batch Apex execute and finish methods	5

¹ For Batch Apex, method executions include executions of the start, execute, and finish methods. This limit is for your entire organization and is shared with all asynchronous Apex: Batch Apex, Queueable Apex, scheduled Apex, and future methods. The licenses that count toward this limit are full Salesforce user licenses or Force.com App Subscription user licenses. Chatter Free, Chatter customer users, Customer Portal User, and partner portal User licenses aren't included.

Static Apex Limits

Description	Limit
Default timeout of callouts (HTTP requests or Web services calls) in a transaction	10 seconds

² If more requests are made while the 10 long-running requests are still running, they're denied.

³ When batch jobs are submitted, they're held in the flex queue before the system queues them for processing.

⁴ Batch jobs that haven't started yet remain in the queue until they're started. If more than one job is running, this limit doesn't cause any batch job to fail and execute methods of batch Apex jobs still run in parallel.

⁵ This limit applies to tests running asynchronously. This group of tests includes tests started through the Salesforce user interface including the Developer Console or by inserting ApexTestQueueItem objects using SOAP API.

⁶ For example, if 50 cursors are open and a client application still logged in as the same user attempts to open a new one, the oldest of the 50 cursors is released. Cursor limits for different Force.com features are tracked separately. For example, you can have 50 Apex query cursors, 15 cursors for the Batch Apex start method, 5 cursors each for the Batch Apex execute and finish methods, and 5 Visualforce cursors open at the same time.

Force.com Platform Limits Apex Governor Limits

Description	Limit
Maximum size of callout request or response (HTTP request or Web services call) ¹	6 MB for synchronous Apex or 12 MB for asynchronous Apex
Maximum SOQL query run time before Salesforce cancels the transaction	120 seconds
Maximum number of class and trigger code units in a deployment of Apex	5,000
For loop list batch size	200
Maximum number of records returned for a Batch Apex query in Database.QueryLocator	50 million

¹ The HTTP request and response sizes count towards the total heap size.

Size-Specific Apex Limits

Description	Limit
Maximum number of characters for a class	1 million
Maximum number of characters for a trigger	1 million
Maximum amount of code used by all Apex code in an organization 1	3 MB
Method size limit ²	65,535 bytecode instructions in compiled form

¹ This limit does not apply to certified managed packages installed from AppExchange (that is, an app that has been marked AppExchange Certified). The code in those types of packages belongs to a namespace unique from the code in your organization. For more information on AppExchange Certified packages, see the Force.com AppExchange online help. This limit also does not apply to any code included in a class defined with the @isTest annotation.

Miscellaneous Apex Limits

SOQL Query Performance

For best performance, SOQL queries must be selective, particularly for queries inside of triggers. To avoid long execution times, the system can terminate nonselective SOQL queries. Developers receive an error message when a non-selective query in a trigger executes against an object that contains more than 100,000 records. To avoid this error, ensure that the query is selective. See More Efficient SOQL Queries.

Chatter in Apex

For classes in the ConnectApi namespace, every write operation costs one DML statement against the Apex governor limit. ConnectApi method calls are also subject to rate limiting. ConnectApi rate limits match Chatter REST API rate limits. Both have a per user, per namespace, per hour rate limit. When you exceed the rate limit, a ConnectApi.RateLimitException is thrown. Your Apex code must catch and handle this exception.

² Large methods that exceed the allowed limit cause an exception to be thrown during the execution of your code.

Force.com Platform Limits API Limits

Event Reports

The maximum number of records that an event report returns for a user who is not a system administrator is 20,000; for system administrators, 100,000.

Data.com Clean

If you use the Data.com Clean product and its automated jobs, and you have set up Apex triggers on account, contact, or lead records that run SOQL queries, the queries can interfere with Clean jobs for those objects. Your Apex triggers (combined) must not exceed 200 SOQL queries per batch. If they do, your Clean job for that object fails. In addition, if your triggers call future methods, they are subject to a limit of 10 future calls per batch.

Push Notification Limits

The maximum number of push notifications that are allowed for each mobile application associated with your Salesforce organization depends on the type of application.

Maximum number of push notifications allowed for	Limit	
Mobile applications provided by Salesforce (for example, Salesforce1)	50,000 notifications per app per day	
Mobile applications developed by your organization for internal employee usage	35,000 notifications per app per day	
Mobile applications installed from the AppExchange	5,000 notifications per app per day	

Only *deliverable* notifications count toward this limit. For example, consider the scenario where a notification is sent to 1,000 employees in your company, but 100 employees haven't installed the mobile application yet. Only the notifications sent to the 900 employees who have installed the mobile application count toward this limit.

Each test push notification that is generated through the Test Push Notification page is limited to a single recipient. Test push notifications count toward an application's daily push notification limit.

API Limits

Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions

The following are API limits for concurrent and total API requests, bulk API operations, API cursors, and limits of some selected APIs.

API Requests Limits

Concurrent API Request Limits

The following table lists the limits for various types of organizations for concurrent requests (calls) with a duration of 20 seconds or longer.

Force.com Platform Limits API Requests Limits

Organization Type	Limit
Developer Edition	5
Trial organizations	5
Production organizations	25
Sandbox	25

Total API Request Limits

The following table lists the limits for the total API requests (calls) per 24-hour period for an organization.

Salesforce Edition API Calls Per License Type		Minimum	Maximum
All Editions: DebuggingHeader on API testing calls for Apex specified. Valid in API version 20 and later.	N/A	1,000	1,000
Developer Edition	N/A	15,000	15,000
 Enterprise Edition Professional Edition with API access enabled 	 Salesforce: 1,000 Force.com Light App: 200 Force.com Enterprise App: 200 Salesforce Platform: 1,000 Force.com - One App: 200 Note: This license is not available to new customers. Partner Community: 200 Gold Partner: 200 Note: This license is not available to new customers. 	15,000	1,000,000
 Unlimited Edition Performance Edition 	 Salesforce: 5,000 Force.com Light App: 200 Force.com Enterprise App: 200 Force.com App Bundle: 1,000 Salesforce Platform: 5,000 Force.com - One App: 200 Note: This license is not available to new customers. Partner Community: 200 Gold Partner: 200 	15,000	Unlimited. However, at any high limit, it is likely that other limiting factors such as system load may prevent you from using your entire allocation of calls in a 24–hour period.

Force.com Platform Limits Chatter REST API Limits

Salesforce Edition	API Calls Per License Type	Minimum	Maximum
	Note: This license is not customers.	t available to new	
Sandbox	N/A	N/A	5,000,000

You can find information for API requests in the API Usage box on the system overview page.

Limits are enforced against the aggregate of all API calls made by the organization in a 24 hour period; limits are not on a per-user basis. When an organization exceeds a limit, all users in the organization may be temporarily blocked from making additional calls. Calls will be blocked until usage for the preceding 24 hours drops below the limit.

In the Salesforce application, administrators can view how many API requests have been issued in the last 24 hours on the Company Information page. Administrators can also view a more detailed report of API usage over the last seven days by navigating to the **Reports** tab, selecting the Administrative Reports folder, and clicking the **API Usage Last 7 days** report.



Note: Limits are automatically enforced for all editions.

Any action that sends a call to the API counts toward usage limits, except the following:

- Outbound messages
- Apex callouts

You can configure your organization so that email is sent to a designated user when the number of API requests has exceeded a specified percentage of the limit. You can perform this configuration in from Setup by clicking **Monitoring** > **API Usage Notifications**.

Chatter REST API Limits

Limits protect shared resources. These are the limits for consumers of Chatter REST API.

Chatter REST API requests are subject to rate limiting. Chatter REST API has a different rate limit than other Salesforce APIs. Chatter REST API has a per user, per application, per hour rate limit. When you exceed the rate limit, all Chatter REST API resources return a 503 Service Unavailable error code.

For applications using a session ID from Force.com, the rate limit is per user, per hour—there isn't a separate bucket for applications. All applications the user accesses with a session ID use this general quota. To take advantage of the per user, per application, per hour limit, use OAuth tokens.



Note: Load, performance, and other system issues can prevent some limits from being reached. Limits can change without notice. Applications should make efficient use of available requests and gracefully handle the 503 error code.

Bulk API Limits

Bulk API Limit	You can submit up to 5,000 batches per rolling 24 hour period. You can't create new batches associated with a job that is more than 24 hours old.	
Batch limit		
Batch lifespan	Batches and jobs that are older than seven days are removed from the queue regardless of job status. The seven days are measured from the youngest batch associated with a job,	

Force.com Platform Limits API Query Cursor Limits

Bulk API Limit	Limit Description	
	or the age of the job if there are no batches. You can't create new batches associated with a job that is more than 24 hours old.	
Batch size	• Batches for data loads can consist of a single CSV or XML file that can be no larger than 10 MB.	
	A batch can contain a maximum of 10,000 records.	
	• A batch can contain a maximum of 10,000,000 characters for all the data in a batch.	
	A field can contain a maximum of 32,000 characters.	
	A record can contain a maximum of 5,000 fields.	
	• A record can contain a maximum of 400,000 characters for all its fields.	
	A batch must contain some content or an error occurs.	
Batch processing time	There is a five-minute limit for processing 100 records. Also, if it takes longer than 10 minutes to process a batch, the Bulk API places the remainder of the batch back in the queue for later processing. If the Bulk API continues to exceed the 10-minute limit on subsequent attempts, the batch is placed back in the queue and reprocessed up to 10 times before the batch is permanently marked as failed.	
Binary content	The length of any file name can't exceed 512 bytes.	
	A zip file can't exceed 10 MB.	
	The total size of the unzipped content can't exceed 20 MB.	
	• A maximum of 1,000 files can be contained in a zip file. Directories don't count toward this total.	
Bulk query number of attempts to query	15 attempts at 10 minutes each to process the batch. There is also a two minute limit on the time to process the query. If more than 15 attempts are made for the query, an error message of "Tried more than fifteen times" is returned. If the query takes more than two minutes to process, a QUERY_TIMEOUT error is returned.	
Bulk query number of retrieved files	15 files. If the query needs to return more than 15 files, the query should be filtered to return less data. Bulk batch sizes are not used for bulk queries.	
Bulk query results lifespan	7 days.	
Bulk query retrieved file size	1 gigabyte.	
Job open time	The maximum time that a job can remain open is 24 hours. The Bulk API doesn't support clients that, for example, post one batch every hour for many hours.	

API Query Cursor Limits

A user can have up to 10 query cursors open at a time. If 10 QueryLocator cursors are open when a client application, logged in as the same user, attempts to open a new one, then the oldest of the 10 cursors is released. If the client application attempts to open the released query cursor, an error results.

Force.com Platform Limits SOAP API Call Limits

SOAP API Call Limits

API Name	API Limit	Limit Description
create()	Maximum number of records created	Your client application can add up to 200 records in a single create () call. If a create request exceeds 200 objects, then the entire operation fails.
describeSObjects()	Maximum number of objects returned	The describeSObjects () call is limited to a maximum of 100 objects returned.
emptyRecycleBin()	Maximum number of records in the Recycle Bin	Your organization can have up to 5,000 records per license in the Recycle Bin at any one time. For example, if your organization has five user licenses, 25,000 records can be stored in the Recycle Bin. If your organization reaches its Recycle Bin limit, Salesforce automatically removes the oldest records, as long as they have been in the recycle bin for at least two hours.
<pre>getDeleted()</pre>	Limits for returned records	• If your getDeleted() call returns more than 600,000 records and the user is a system administrator, an exception EXCEEDED_ID_LIMIT is returned.
		• If your getDeleted() call returns more than 20,000 records and the user is not a system administrator, an exception OPERATION_TOO_LARGE is returned. Note that this error is returned when more than 20,000 records across the organization have been deleted, not just the records viewable by the user.
login()	Login request size	The login request size is limited to 10 KB or less.
login()	Maximum calls per user per hour	There is a limit of 3600 calls to login() per user per hour. Exceeding this limit will result in a "Login Rate Exceeded" error.
merge()	Merge request limits	 Up to 200 merge requests can be made in a single SOAP call. Up to three records can be merged in a single request, including the master record. This is the same limit as the Salesforce user interface. If you have more than three records to merge, use the same master record in each request to avoid errors. External ID fields cannot be used with merge ().
update()	Maximum number of records updated	Your client application can change up to 200 records in a single update () call. If an update request exceeds 200 records, then the entire operation fails.

EDITIONS

Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions Force.com Platform Limits Streaming API Limits

API Name	API Limit	Limit Description
<pre>query() and queryMore()</pre>	Batch size limits	WSC clients can set the batch size by calling setQueryOptions() on the connection object. C# client applications can change this setting by specifying the batch size in the call QueryOptions portion of the SOAP header before invoking the query() call. The maximum batch size is 2,000 records. However this setting is only a suggestion. There is no guarantee that the requested batch size will be the actual batch size. This is done to maximize performance.
		The batch size will be no more than 200 if the SOQL statement selects two or more custom fields of type long text. This is to prevent large SOAP messages from being returned.

Streaming API Limits

Limits protect shared resources. These are the default limits intended for basic consumers of Streaming API.

Description	Performance and Unlimited Editions	Enterprise Edition	All other editions
Maximum number of topics (PushTopic records) per organization	100	50	40
Maximum number of clients (subscribers) per topic	2000	1000	20
Maximum number of concurrent clients (subscribers) across all topics	2000	1000	20
Maximum number of events per day (24–hour period)	1,000,000	200,000	50,000 (10,000 for free organizations)
Socket timeout during connection (CometD session)	110 seconds	110 seconds	110 seconds
Timeout to reconnect after successful connection (keepalive)	40 seconds	40 seconds	40 seconds
Maximum length of the SOQL query in the Query field of a PushTopic record	1300 characters	1300 characters	1300 characters
Maximum length for a PushTopic name	25 characters	25 characters	25 characters

Generic Streaming Limits

The following limits apply to generic streaming.

Description	Performance, Unlimited, Enterprise, and Professional Editions	Developer Edition
Maximum number of StreamingChannels per organization	1000	200

Force.com Platform Limits Email Limits

Description	Performance, Unlimited, Enterprise, and Professional Editions	Developer Edition
Maximum number of events per day (24–hour period)	100,000	10,000

The limits on maximum number of clients and maximum number of concurrent clients for generic streaming are the same limits used for PushTopic streaming.

Description	Performance and Unlimited Editions	Enterprise Edition	All other editions
Maximum number of clients (subscribers) per generic streaming channel	2000	1000	20
Maximum number of concurrent clients (subscribers) across all generic streaming channels	2000	1000	20

Email Limits

Using the API or Apex, you can send single emails to a maximum of 1,000 external email addresses per day based on Greenwich Mean Time (GMT). Single emails sent using the Salesforce application don't count toward this limit. There's no limit on sending individual emails to contacts, leads, person accounts, and users in your organization directly from account, contact, lead, opportunity, case, campaign, or custom object pages.

When sending single emails, keep in mind:

- You can send 100 emails per SingleEmailMessage.
- If you use SingleEmailMessage to email your organization's internal users, specifying the user's ID in setTargetObjectId means the email doesn't count toward the daily limit. However, specifying internal users' email addresses in setToAddresses means the email does count toward the limit.

You can send mass email to a maximum of 1,000 external email addresses per day per organization based on Greenwich Mean Time (GMT). The maximum number of external addresses you can include in each mass email depends on your edition:

Edition	External Address Limit per Mass Email
Personal, Contact Manager, and Group Editions	Mass email not available
Professional Edition	250
Enterprise Edition	500
Unlimited and Performance Edition	1,000



Note: Note the following about email limits:

• The single and mass email limits don't take unique addresses into account. For example, if you have johndoe@example.com in your email 10 times, that counts as 10 against the limit.

Force.com Platform Limits Metadata Limits

- You can send an unlimited amount of email to your organization's internal users, which includes portal users.
- In Developer Edition organizations and organizations evaluating Salesforce during a trial period, your organization can send
 mass email to no more than 10 external email addresses per day. This lower limit does not apply if your organization was
 created before the Winter '12 release and already had mass email enabled with a higher limit. Additionally, your organization
 can send single emails to a maximum of 15 email addresses per day.

Metadata Limits

Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions

The following are limits for deploying and retrieving metadata. These limits apply to the Force.com IDE, the Force.com Migration Tool, and the Metadata API.

Metadata Limit	Limit Description
Retrieving and deploying metadata	Metadata API can deploy and retrieve up to 10,000 files or 400 MB at one time. If either of these limits is exceeded, the deployment or retrieval fails.
Change sets	Inbound and outbound change sets can have up to 10,000 files of metadata.

SOQL and SOSL Limits

Available in: Enterprise, Performance, Unlimited, Developer, and Database.com Editions

Feature	Limit	Limit Description
SOQL statements	Maximum length of SOQL statements	By default, SOQL statements cannot exceed 20,000 characters in length. Note: Long, complex SOQL statements, such as statements that contain a large number of formula fields, can sometimes result in a QUERY_TOO_COMPLICATED error. This occurs because the statement is expanded internally when processed by Salesforce, even though the original SOQL statement is under the 20,000
SOSL statements	Maximum length of SOSL statements	character limit. To avoid this, reduce the complexity of your SOQL statement. The SOSL statement character limit is tied to the SOQL statement character limit defined for your organization. By default, SOQL and SOSL queries cannot exceed 20,000 characters.
SOSL search query strings	Maximum length of SearchQuery string	If the SearchQuery string is longer than 10,000 characters, no result rows are returned. If SearchQuery is longer than 4,000 characters, any logical operators are removed. For example, the AND operator in a

Force.com Platform Limits SOQL and SOSL Limits

Feature	Limit	Limit Description
		statement with a SearchQuery that's 4,001 characters will default to the OR operator, which could return more results than expected.
SOSL query results	Maximum number of rows returned	2,000 results total (API version 28.0 and later), unless you specify custom limits in the query. Previous API versions return 200 results.
Relationship queries	Relationship query limits	 No more than 35 child-to-parent relationships can be specified in a query. A custom object allows up to 25 relationships, so you can reference all the child-to-parent relationships for a custom object in one query.
		 No more than 20 parent-to-child relationships can be specified in a query.
		 In each specified relationship, no more than five levels can be specified in a child-to-parent relationship. For example, Contact.Account.Owner.FirstName (three levels).
		 In each specified relationship, only one level of parent-to-child relationship can be specified in a query. For example, if the FROM clause specifies Account, the SELECT clause can specify only the Contact or other objects at that level. It could not specify a child object of Contact.
FOR VIEW and FOR REFERENCE	Maximum RecentlyViewed records allowed	The RecentlyViewed object is updated every time the logged-in user views or references a record. It is also updated when records are retrieved using the FOR VIEW or FOR REFERENCE clause in a SOQL query. To ensure that the most recent data is available, RecentlyViewed data is periodically truncated down to 200 records per object.
OFFSET clause	Maximum number of rows skipped by OFFSET	The maximum offset is 2,000 rows. Requesting an offset greater than 2,000 will result in a NUMBER_OUTSIDE_VALID_RANGE error.

The following are SOQL limitations and tips that are specific to some Salesforce objects.

Object	Description
ContentDocumentLink	$A SOQL query must filter on one of \texttt{Id}, \\ \texttt{ContentDocumentId}, or \texttt{LinkedEntityId}.$
Custom metadata types	Custom metadata types support the following SOQL query syntax.
	SELECT fieldList [] FROM objectType [USING SCOPE filterScope] [WHERE conditionExpression] [ORDER BY field {ASC DESC} [NULLS {FIRST LAST}]]
	 The fieldList can include only non-relationship fields. FROM can include only one object. WHERE can use only EQUAL or IN. ORDER BY can list only one field.

Force.com Platform Limits SOQL and SOSL Limits

	 You can use IN and = for comparison operators. 		
	You can use AND for a logical operator.		
External objects	A subquery that involves external objects can fetch up to 1,000 rows of data.		
	• Each SOQL query can have up to 4 joins across external objects and other types of objects.		
	Each join requires a separate round trip to the external system when executing the query. Expect longer response times for each join in a query.		
	• External objects don't support the following aggregate functions and clauses.		
	AVG() function		
	 COUNT (fieldName) function (however, COUNT () is supported) 		
	- HAVING clause		
	- GROUP BY clause		
	MAX () function		
	MIN() function		
	- SUM() function		
	External objects also don't support the following.		
	 EXCLUDES operator 		
	 FOR VIEW clause 		
	 FOR REFERENCE clause 		
	 INCLUDES operator 		
	 LIKE operator 		
	toLabel() function		
	TYPEOF clause		
	- WITH clause		
	The following limits apply only to the OData 2.0 adapter for Lightning Connect.		
	 External objects have the following limitations for the ORDER BY clause. 		
	 NULLS FIRST and NULLS LAST are ignored. 		
	 External objects don't support the ORDER BY clause in relationship queries. 		
	 The COUNT () aggregate function is supported only on external objects whose external data sources have Request Row Counts enabled. Specifically, the response from the external system must include the total row count of the result set. 		
	The following limits apply only to custom adapters for Lightning Connect.		
	 Location-based SOQL queries of external objects aren't supported. 		
	 If a SOQL query of an external object includes the following, the query fails. 		
	convertCurrency() function		
	- UPDATE TRACKING clause		
	- UPDATE VIEWSTAT clause		

Force.com Platform Limits SOQL and SOSL Limits

Object	Description
	- USING SCOPE clause
	 In an ORDER BY clause, the following are ignored.
	NULLS FIRST syntax
	- NULLS LAST syntax
NewsFeed	 No SOQL limit if logged-in user has "View All Data" permission. If not, specify a LIMIT clause of 1,000 records or fewer.
	 SOQL ORDER BY on fields using relationships is not available. Use ORDER BY on fields on the root object in the SOQL query.
KnowledgeArticleVersion	 Always filter on a single value of PublishStatus unless the query filters on one or more primary key IDs. To support security, only users with the "Manage Articles" permission see articles whose PublishStatus value is Draft.
	 Archived article versions are stored in the articletype_kav object. To query archived article versions, specify the article Id and set slatestVersion='0'.
	 Always filter on a single value of Language. However, in SOQL, you can filter on more than one Language if there is a filter on Id or KnowledgeArticleId.
RecentlyViewed	The RecentlyViewed object is updated every time the logged-in user views or references a record. It is also updated when records are retrieved using the FOR VIEW or FOR REFERENCE clause in a SOQL query. To ensure that the most recent data is available, RecentlyViewed data is periodically truncated down to 200 records per object.
TopicAssignment	No SOQL limit if logged-in user has "View All Data" permission. If not, do one of the following:
	Specify a LIMIT clause of 1,100 records or fewer.
	• Filter on Id or Entity when using a WHERE clause with "=".
UserRecordAccess	Always use the query formats specified in the SOAP API Developer's Guide.
	 May include an ORDER BY clause. You must ORDER BY HasAccess if you SELECT HasAccess, and ORDER BY MaxAccessLevel if you SELECT MaxAccessLevel.
	Maximum number of records that can be queried is 200.
UserProfileFeed	 No SOQL limit if logged-in user has "View All Data" permission. If not, specify a LIMIT clause of 1,000 records or fewer.
	 SOQL ORDER BY on fields using relationships is not available. Use ORDER BY on fields on the root object in the SOQL query.
	Also, a SOQL query must include WITH UserId = {userId}.
Vote	• ParentId = [single ID]
	• Parent.Type = [single type]
	• Id = [single ID]

Force.com Platform Limits

Visualforce Limits

Object	Description
	• Id IN = [list of IDs]

Visualforce Limits

Available in: Contact Manager, Group, Professional, Enterprise, Performance, Unlimited, and Developer Editions

Limit	Value
Maximum response size for a Visualforce page	Less than 15 MB
Maximum view state size in a Visualforce page	135 KB
Maximum size of a Visualforce email template	1 MB
Maximum file size for a file uploaded using a Visualforce page	10 MB
Maximum size of HTML response <i>before</i> rendering, when Visualforce page is rendered as PDF	Less than 15 MB
Maximum PDF file size for a Visualforce page rendered as a PDF	60 MB
Maximum total size of all images included in a Visualforce page rendered as a PDF	30 MB
Maximum response size of a JavaScript remote call	15 MB
Default timeout for a JavaScript remoting call	30000 milliseconds (30 seconds)
Maximum timeout for a JavaScript remoting call	120000 milliseconds (120 seconds)
Maximum number of rows retrieved by queries for a single Visualforce page request	50,000
Maximum number of rows retrieved by queries for a single Visualforce page request in read-only mode	1 million
Maximum number of collection items that can be iterated in an iteration component such as <apex:pageblocktable> and <apex:repeat></apex:repeat></apex:pageblocktable>	1,000
Maximum number of collection items that can be iterated in an iteration component such as <apex:pageblocktable> and <apex:repeat> in read-only mode</apex:repeat></apex:pageblocktable>	10,000
Maximum number of field sets that can be displayed on a single Visualforce page.	50
Maximum number of records that can be handled by StandardSetController	10,000

INDEX

C	limits 38 Limits expansion pack 9
Chatter REST API limits 38	
E	unlimited apps pack 9
External Object Limits 24	Ο
L	OData Limits 24
Lightning Connect Limits 24	