



# **SharePoint Limits**

## **SharePoint Portal Server 2003 / Office SharePoint Server 2007**

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## 1. SharePoint 2003

The other scale guidelines are shown in the following table. None of these are hard limits enforced by the system. They are guidelines for designing a server that has good overall performance.

Object	Scope	Guideline for optimum performance	Comment
Site collections	Database	50,000	Total throughput degrades as the number of site collections increases.
Web sites	Web site	2,000	The interface for enumerating subsites of a given Web site does not perform well much beyond 2,000 subsites.
Web sites	Site collection	250,000	You can create a very large total number of Web sites by nesting the subsites. For example, 100 sites each with 1000 subsites is 100,100 Web sites.
Documents	Folder	2,000	The interfaces for enumerating documents in a folder do not perform well beyond a thousand entries.
Documents	Library	2 million	You can create very large document libraries by nesting folders.
Security principals	Web site	2,000	The size of the access control list is limited to a few thousand security principals, in other words users and groups in the Web site.
Users	Web site	2 million	You can add millions of people to your Web site by using Microsoft Windows security groups to manage security instead of using individual users.
Items	List	2,000	The interface for enumerating list items does not perform well beyond a few thousand items.
Web Parts	Page	100	Pages with more than 100 Web Parts are slow to render.
Web Part personalization	Page	10,000	Pages with more than a few thousand user personalizations are slow to render.
Lists	Web site	2,000	The interface for enumerating lists and libraries in a Web site does not perform well beyond a few thousand entries.
Document size	File	50 MB	The file save performance degrades as the file size grows. The default maximum is 50 MB. This maximum is enforced by the system, but you can change it to any value up to 2 GB (2047 MB) if you have applied Windows SharePoint Services Service Pack 1. For more information, see <b>Configuring large file support</b> in <a href="#">Installing and Using Service Packs for Windows SharePoint Services</a> .

## 2. SharePoint 2007

Site object	Guidelines for acceptable performance	Notes	Scope of impact when performance degrades
Site collection	50,000 per Web application	Total farm throughput degrades as the number of site collections increases.	Farm
Web site	250,000 per site collection	You can create a very large total number of Web sites by nesting the subsites. For example, 100 sites, each with 1000 subsites, is 100,000 Web sites. The maximum recommended number of sites and subsites is 125 sites with 2,000 subsites each, for a total of 250,000 sites.	Site collection
Subsite	2,000 per Web site	The interface for enumerating subsites of a given Web site does not perform well as the number of subsites surpasses 2,000.	Site view
Document	5 million per library	You can create very large document libraries by nesting folders, using standard views and site hierarchy. This value may vary depending on how documents and folders are organized, and by the type and size of documents stored.	Library
Item	2,000 per view	Testing indicates a reduction in performance beyond two thousand items. Using indexing on a flat folder view can improve performance.	List view
Document file size	50MB (2GB max*)	File save performance is proportional to the size of the file. The default maximum is 50 MB. This maximum is enforced by the system, but you can change it to any value up to 2 GB.	Library, file save performance
List	2,000 per Web site	Testing indicates a reduction in list view performance beyond two thousand entries.	List view
Field type	256 per list	This is not a hard limit, but you might experience list view performance degradation as the number of field types in a list increases.	List view
Column	2,000 per document library 4,096 per list	This is not a hard limit, but you might experience library and list view performance degradation as the number of columns in a document library or list increases.	Library and list view
Web Part	50 per page	This figure is an estimate based on simple Web Parts. The complexity of the Web Parts dictates how many Web Parts can be used on a page before performance is affected.	Page