

Technical Comparisons

In addition to business features, there are differences in the technical features available to both options:

Services	Online	On Premises
Search	Limited access to query	Full text Query
InfoPath Form Services	Only in E3, E4 and K1 plans	Required License to use InfoPath Form Services
Claim Bases Authentication	N/A	Can use SQL , LDAP and AD authentication
Managed Accounts	N/A	Provides a Managed Account to user at access the SP Admin Services
Usage reporting and Logging	N/A	Provides LOGS and Reporting to check the exceptions and System Report.
Alternate Access Mapping	N/A	Provides a map requests where the URL of a Web request received by Internet Information Services (IIS) differs from the URL that was typed by a user
SharePoint Health Analyser	N/A	Site collection pre-upgrade health check examines a site collection and then generates a report listing ay potential upgrade issues and how to address the issues

Pros and Cons

SharePoint On Premises

Pros	Cons
Control Performance	Cost of internal resources (staff, hardware, software, etc)
Scale Up and Scale Out	Additional Geographic redundancy costs
Reduces Bandwidth requirements	Disaster Recovery dependent on internal capabilities
Fully Customizable	Scale Up/Out Cost(SW/HW)
Full Server and SQL Database	Patching Servers/farms
Migrate as Needed	Extra configurations for External Collaboration
Seamless Single Sign on with Corporate Active Directory	

Share Point Online

Pros	Cons
Uptime 99.99%	More ISP Bandwidth
Multiple Data centers	Limited Customizations
Geographically redundant	Possible Storage Costs
Shorted release cycle	Recovery SLAs
Managed Services (SaaS)	No Server access
Pay as you go (Low Cost)	
Reduced impact on internal IT resources	
Scalability	

SharePoint On – Premises VS. Share Point Online

If you're having a hard time selecting between Sharepoint On – Premises, and SharePoint online of Office 365, this next article is for you.

This article provides a basic overview of the primary differences between SharePoint Online and SharePoint On Premises. So let's begin by taking a look at the different environments needed to run Online vs On Premises:

Environments Comparisons

As with any on-premise vs cloud based discussion, one of the most significant differences is the impact on internal resources. On-premise solutions require an internal IT support structure including people, hardware and software, or the use of a Managed Service Provider (MSP). Cloud based solutions reduce the dependency on internal resources and typically provide better globally deployed failover and redundancy features.

On Premises	Online
<ul style="list-style-type: none"> The SharePoint server farm is within the corporate network. The IT Support team maintains the SharePoint farm and regularly applies Microsoft patches and updates. On premise Active directory is used for authentication. Full access to use and customize any SharePoint feature as needed. Availability of Enterprise level services such as BCS, Performance Point, etc. 	<ul style="list-style-type: none"> The SharePoint sites reside in the Microsoft Data Centre (MDC). Microsoft applies the patch regularly. Microsoft's SLA ensures 99.9% availability. Microsoft's global network of data centers provides reduced latency and high network bandwidth. Support for Client Side Object & App model.

Feature Comparisons

While the basic functionality of SharePoint remains the same, there are a number of significant feature differences between On Premises and Online:

Category	On Premises	Online
Cost Involved	Purchase/Maintain Hardware, Software licenses etc.	Annual subscriptions for Office 365 Plans billed on a per user basis.
Infrastructure deployment & maintenance	IT Support Team to deploy/manage farm, latest updates or patches not always deployed.	Microsoft manages the environment and ensures all updates and patches are deployed.
Business Continuity (BC)	Dependent on internal capabilities.	Microsoft built-in redundancy and failover for data centers, but does not provide end user backups or data recovery.
Product Features	Support for enterprise feature, Office web App (OWA) needs to be installed	Missing or limited features, pre-configured features
Customization Options	Full support for server side code and client side code, App usage from OAC and SAS	Full Support- Client Side, Limited Support-Server side, Can use Apps from OAC or SAS
Information Security	Dependent on internal capabilities.	Information in MDS meets industry-specific security standards
Compliance Standard	Dependent on internal capabilities.	Verified by third party authors
Storage needs	Expensive storage devices, Site Collection - More than 100GB, Scalable Storage Size	Cheap storage cost, Site Collection- up to 100Gb, Maximum content in single tenant -O365 plan based
Development	Full trust solution can be deployed- Features in farm solutions can have scope as wide as the site collection, web application, or whole farmPublic facing website with much of customization is possibleCustom "Managed Path" allowedMore control can be delegated to	Full trust solution cannot be deployed- Only Sandbox solutions possible with scope up to the site collection levelPublic facing website with much of customization is not possibleCustom "Managed Path" allowedMore control cannot be delegated to power users and maxim privilege level is Site Collection level.