Windows Server 2012 Product Family

	Windows Server® 2012 Products and Editions								
	Windows Server 2012 Datacenter	Windows Server 2012 Standard	Windows Server 2012 Essentials	Windows Server 2012 Foundation	Microsoft Hyper-V® Server 2012	Windows Storage Server 2012 Standard	Windows Storage Server 2012 Workgroup	Windows MultiPoint Server 2012 Premium	Windows MultiPoint Server 2012 Standard
Locks and Limits									
Maximum number of users	based on licenses	based on licenses	25	15	unlimited	unlimited	50	20 sessions	10 sessions
Maximum SMB Connections	16,777,216	16,777,216	16777216	30	16,777,216	16,777,216	250	16,777,216	50
Maximum RRAS Connections	unlimited	unlimited	50	50	250	50	50	unlimited	50
Maximum IAS Connections	2,147,483,647	2,147,483,647	10	10	50	50	50	2147483647	10
Maximum number of 64-bit sockets	64	64	2	1	64	64	1	2	1
Maximum RAM	4 TB	4 TB	64 GB	32 GB	4 TB	4 TB	32 GB	4 TB	32 GB
Server can join a domain	Yes	Yes	For migration only	For migration only	Yes	Yes	Yes	Yes	No
DirectAccess	Yes	Yes	See documentation	Yes	No	Yes	Yes	See documentation	See documentation
Server Roles									
Active Directory® Certificate Services	Yes	Yes	Yes	Yes	No	No	No	No	No
Active Directory Domain Services	Yes	Yes	Required	Yes (optional)	No	No	No	No	No
Active Directory Federation Services	Yes	Yes	Yes	Yes	No	No	No	No	No
AD Lightweight Directory Services	Yes	Yes	No	Yes	No	Yes	Yes	No	No
AD Rights Management Services	Yes	Yes	Yes	Yes	No	No	No	No	No
Application Server	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
DHCP Server	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
DNS Server	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Fax Server	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
File Services	Yes	Yes	Yes	Yes	Limited features	Yes	Yes	Yes	Yes
Hyper-V	Yes	Yes	No	No	Yes	Yes	No	Yes	No
Network Policy and Access Services	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Print and Document Services	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Terminal Services Application Sharing	Yes	Yes	No	Yes	No	No	No	Yes	Yes
Terminal Services Gateway	Yes	Yes	No	See documentation	No	No	No	Yes	Yes
Web Services (IIS)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Windows Deployment Services	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Windows Media Services support (Streaming Media Services)	See Installation Options documentation	See Installation Options documentation	Yes	See Installation Options documentation	No	No	No	Yes	Yes
WINS Server	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes
Features									
RODC – read only domain controller	Yes	Yes	No	No	No	No	No	No	No
Best Practices Analyzer	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BranchCache Hosted Server	Yes	Yes	Yes	Yes	No	Yes	No	No	No
BranchCache P2P Cache	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No
Windows Control Panel	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Distributed File System Replication	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No
Data Deduplication	Yes	Yes	No	No	No	Yes	No	No	No
iSCSI target support	Yes	Yes	Yes	Yes	No	Yes	Yes	No	No
DirectAccess	Yes	Yes	Yes	Yes	No	Yes	Yes	See documentation	See documentation
Dynamic Memory (in virtualization)	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes
Failover Clustering	Yes	Yes	No	No	Yes	Yes	No	No	No
"Hot" add/replace RAM	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
IPAM (IP Address Management)	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Microsoft Management Console	Yes	Yes	Yes	Yes	Remote only	Yes	Yes	Yes	Yes
Minimal Server Interface	Yes	Yes	No	No	No	Yes	Yes	No	No
Network Load Balancing	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Windows PowerShell	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Server Core mode	Yes	Yes	No	No	Yes--the only option	after setup	after setup	No	No
Server Manager	Yes	Yes	Yes	Yes	From a remote computer	Yes	Yes	Yes	Yes
SMB Direct and SMB over RDMA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Storage Management Service	Yes	Yes	Yes	Yes	Basic file server only	Yes	Yes	Yes	Yes
Storage Spaces	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Volume Activation Services	Yes	Yes	No	No	No	No	No	Yes	Yes
VSS (Volume Shadow Copy Service) integration	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Windows Server Update Services	Yes	Yes	See documentation	No	No	No	No	No	No