

Windows Server 2012 Limits

	Foundation	Essentials	Standard/Datacenter
Processor Limit	1	2	64
RAM	32GB	64GB	4TB
Max users	15	25	Unlimited
Routing and Remote Access (RRAS)	50	250	Unlimited
Active Directory Services	Root only	Root only	Full
Active Directory Certificate Services	CA Only	CA Only	Full
Hyper V/Server Core	No	No	Yes
File Services limits	1 Standalone DFS root	1 Standalone DFS root	Unlimited

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There are a number of different limitations of Windows Server 2012 depending on which edition you purchase.

CPU: Foundation supports 1 CPU, Essentials 2 and Standard/Datacenter support 64. The CPUs can have any number of cores.

RAM: Foundation 32GB, Essentials 64GB and Standard/Datacenter 64TB.

Max Users: Foundation 15 users, Essentials 25 users and Standard/Datacenter is only limited by how many CALs (Client Access Licenses) that you purchase.

RRAS: Routing and Remote Access is limited to 50 connections on Foundation, 250 on Essentials and unlimited amount on Standard/Datacenter.

Active Directory Domain Services: Foundation and Essentials can only be used as a Domain Controller in the Root domain. Standard/Datacenter have no limitations.

Active Directory Certificate Services: Foundation and Essentials can only be used as Certificate Authorities, the other components of Certificate Services is not supported. Standard/Datacenter editions have no limitations on how they can be used.

Hyper V/Server core: These are not available on Foundation and Essentials but are available on Standard/Datacenter.

File Services Limits: Foundation and Essentials are limited to 1 Standalone DFS (Distributed File System) while the Standard/Datacenter editions can have an unlimited number. DFS allows multiple shares to be combined from multiple locations to be seen by the user as the one share. Foundation and Essentials do not support storing DFS in Active Directory which provides redundancy if the server holding the