

Windows® Web Server 2008

Windows Web Server 2008 Overview

Windows Web Server 2008 is specifically designed for highly available Internet facing web serving environments delivering on a rock solid foundation of Web infrastructure capabilities in the next generation Windows Server 2008. With more robust capabilities than previous versions of Windows Server, Windows Web Server 2008 provides what you need to support large scale highly available web environments to dedicated single instance hosted environments all in one version of Windows Server.

Designed to be used specifically as a single-purpose Web server, Windows Web Server 2008 is ideal for hosting web applications and services. Integrated with the newly redesigned Internet Information Services 7.0 (IIS 7.0), ASP.NET, and the Microsoft® .NET Framework, along with local install support for Microsoft® SQL Server™, Windows Web Server 2008 can enable organizations to rapidly deploy Web pages, Web sites, Web applications, and Web services.

Unlike the previous offering of Windows Server 2003, Web Edition, Windows Web Server 2008 has greater technical capabilities of items such as processors and memory. This version also allows the installation of Microsoft SQL Server versions other than Microsoft® Desktop Engine (MSDE).

Windows Web Server 2008 Customer Benefits

Windows Web Server 2008 is designed to provide the following benefits to customers:

- *Greater technical capacity than the previous version of Windows Server 2003, Web Edition and no limitation of Microsoft SQL Server installation.*
- *Highly-effective platform for ASP.NET based Internet Web deployments, because it includes the newly re-architected Internet Information Services (IIS) 7.0, Microsoft® ASP.NET, and the Microsoft® .NET Framework.*
- *Dedicated Web-serving functionality and server roles that support four-way symmetric multiprocessing (SMP) and four gigabytes (GB) of RAM in 32bit versions and 32 gigabytes (GB) in the 64bit version.*
- *Economical next generation Web server that is competitively priced for hosting organizations needing to rapidly deploy Web pages, Web sites, Web applications, and Web services.*

Windows Web Server 2008 is optimized specifically for Internet facing web serving environments and built on industry standards allowing organizations to easily build new, or integrate into existing, server infrastructure environments. Web developers can build Web pages and services that can communicate with other platforms using standards-based interfaces like XML and SOAP. This level of cost effective application development encourages business productivity, flexibility, and increases business solution opportunities.

Windows Web Server 2008 Availability

Windows Web Server 2008 will be available in all Microsoft licensing channels such as Volume, Open and Select licensing programs as well as retail and Services Provider License Agreement (SPLA) versions.

Windows Web Server 2008 Usage

Windows Web Server 2008 provides a highly efficient platform for deploying and hosting Internet-accessible Web pages, Web sites, Web applications, and Web Services. Microsoft SQL Server versions other than Microsoft Desktop Engine (MSDE) can now be installed to support applications running in that same operating system environment.

Client access licenses (CALs) are not applicable to Windows Web Server 2008. Windows Web Server 2008 can be used as the front-end platform for applications like Outlook® Web Access (OWA) and Windows® SharePoint® Services. With Windows Web Server 2008 you can easily add scalability and performance to your Internet-facing web environment at a competitive price.



Windows Web Server 2008 Limitations

Windows Web Server 2008 is designed and optimized specifically for dedicated or shared hosting Web serving needs. Server roles unnecessary to serve Internet-accessible Web pages, Web sites, Web applications, and Web Services from the server have not been included in Windows Web Server 2008. This includes DNS, WINS, DHCP and Microsoft Active Directory server roles. Although computers running Windows Web Server 2008 can be members of an Active Directory® service domain, Windows Web Server 2008 cannot be a domain controller. Therefore, Windows Web Server 2008 alone cannot be used to apply management features like: Group Policy, Software Restriction Policies, Remote Installation Services, Microsoft Metadirectory Services, Internet Authentication Service (IAS), and others. Therefore, if additional capabilities, including acting as a domain controller, hosting applications which use Universal Description, Discovery, and Integration (UDDI) services, and other general purpose capabilities are needed, you should consider using one of the following editions of Windows Server 2008:

- Windows Server 2008, Standard
- Windows Server 2008, Enterprise
- Windows Server 2008, Datacenter

All the core features in Windows Web Server 2008 including IIS 7.0, the Microsoft .NET Framework, and ASP.NET, are also included in the other members of the Windows Server 2008 family.

Edition Comparisons:

Technologies	Web Server	Standard	Enterprise	Datacenter
Sockets – x86	4	4	8	32
Sockets – x64	4	4	8	64
RAM – 32-bit OS	4GB	4GB	64GB	128GB
RAM – 64-bit OS	32GB	32GB	2TB	2TB
Hot Add Memory	No	No	Yes	Yes
Hot Replace Memory and Hot Add/Replace Processor	No	No	No	Yes
Node Failover Clustering	—	—	16	16
Network Access Service Connections (RRAS)	—	250	Unlimited	Unlimited
Network Access Service Connections (IAS)	50	50	Unlimited	Unlimited
Terminal Server Connections	250	250	65,535	65,535
Advanced Identity Management Features	No	No	Yes	Yes
Media Server	Basic	Basic	Full	Full
Virtualization (Viridian)	No	Yes	Yes	Yes
Virtual Image Use Rights	1	1	4	Unlimited

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