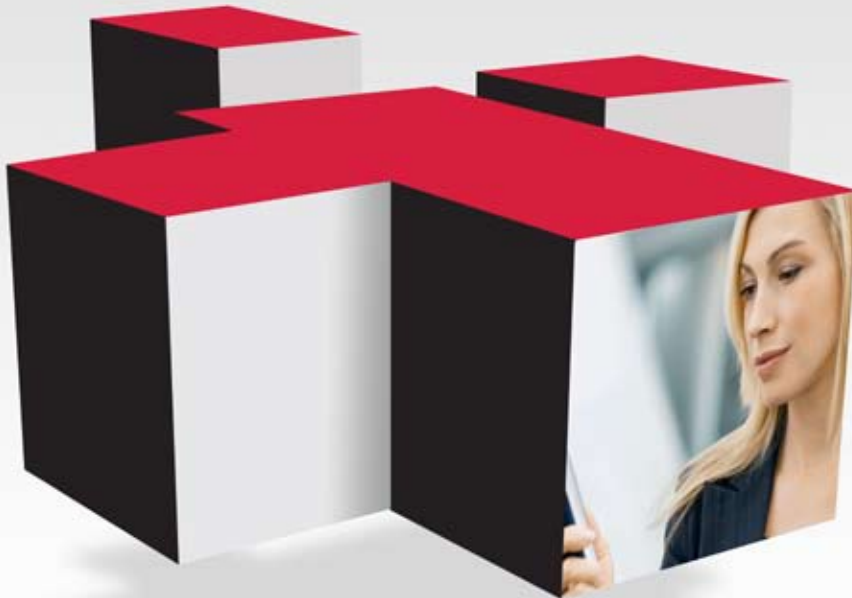


Windows Server 2008 R2



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The launch of Microsoft Windows Server 2008 R2 could **give your sales a real boost!** Powerful built-in Web and virtualisation technologies, as well as features designed specifically to work with Windows 7, are set to provide significant upgrade and new **business opportunities.**

Windows Server 2008 R2 is the most advanced Windows Server operating system yet, designed to power the next-generation of networks, applications, and Web services. With Windows Server 2008 R2 customers can develop and deliver rich user experiences, and benefit from a highly secure network infrastructure. New Web tools, virtualisation technologies and security enhancements will help customers to save time, reduce costs, and provide a solid foundation for their IT infrastructure.

When combined with Windows 7 client operating system, the Virtual Desktop Infrastructure in Windows Server 2008 R2 enables you to provide your employees with anywhere access to corporate data and resources, while helping to maintain the security of your enterprise systems.

Windows Server 2008 R2 and Windows 7: Better Together

Discover how features of Windows 7 work with Windows Server 2008 R2 to improve productivity and deliver better network performance:

- **Direct Access** – Provides secure, seamless access to files and applications from any location without a VPN; saving money on support. Direct Access is also much quicker and easier to use; making mobile working and collaboration much more effective.
- **Branch Caching** – Reduces bandwidth and latency in branch locations to deliver a significant improvement in network performance especially with server and windows patch updates. Windows 7 and Windows Server 2008 R2 work together to take patches from already updated machine rather than utilising bandwidth multiple times across the WAN for each individual machine.
- **Enhanced Productivity** – Windows 7 is less resource-hungry than Vista as the code is now much cleaner. Together Windows 7 and Windows Server 2008 R2 deliver impressive file transfer speeds as both operating systems have the same code underpinnings.
- **Improved Search** – Windows 7 federated Search now searches the server as well as the desktop when used in conjunction with Windows Server 2008 R2.
- **Hyper-V** – Live migration is now included for free with Windows Server 2008 R2, so you can move a live virtual server from server to another, with no downtime.



Windows Server 2008 R2 Editions

Windows Server 2008 R2 is available in the following editions.

Edition	Features
Windows Server 2008:	
Standard	<ul style="list-style-type: none"> ▪ Built-in, enhanced Web and virtualisation capabilities ▪ Powerful tools that allow greater control over servers
Enterprise	<ul style="list-style-type: none"> ▪ Clustering and hot-add processor capabilities to improve availability ▪ Identity management features to improve security
Data Centre	<ul style="list-style-type: none"> ▪ Dynamic hardware partitioning capabilities to improve availability ▪ Scalability from 2 to 64 processors
Windows Web Server 2008	<ul style="list-style-type: none"> ▪ Designed specifically as a single-purpose Web server ▪ More rapid deployment of Web pages, sites and applications

The Standard, Enterprise and Data Centre editions of Windows Server 2008 R2 are also available without the Windows Server 2008 R2 virtualisation solution, Hyper-V.

Opportunity Spotter

The following customer issues can help begin a conversation around the benefits of moving from their existing solution to Windows Server 2008 R2.

- Looking for a more reliable solution
- Need to synchronise multiple operating systems on a single server
- Improve security at remote branch office sites
- Easy log on over the internet for remote users
- Interested in a more secure platform
- Want to dynamically add physical and virtual resources

Pain Points

Solution:

Windows Server 2008 R2 boasts a Read-only Domain Controller that helps to increase security at remote sites by providing local authentication to users without deploying a full, writeable copy of the Active Directory database.

Other features such as the Print Manager Console, PowerShell and Restartable Active Directory help simplify administration and can improve branch office network utilisation.

Solution:

Virtualisation is built into the Windows Server 2008 R2 operating system and with powerful 64-bit server you can easily virtualise multiple operating systems on one server. This allows you to benefit from reduced hardware and power costs, as well as improved server availability.

This virtualisation platform allows you to dynamically add physical and virtual resources, and synch up most workloads in your infrastructure.

“ We use a number of different operating systems and need an effective solution to run these on one server. ”

“ We have number of remote branch office sites and are concerned about the lack of security at these sites. ”

Windows Server 2008 R2 and Windows 7: Better Together

Exchange Server 2010 is at the core of the Microsoft solution, allowing you to expand every sale of this key product by adding a variety of other Microsoft offerings:

1 Solid Foundation

Start with the roles and features you need now and add what you want as your business expands, and save time by automating routine system administration tasks with Windows PowerShell.

2 Highly Secure Environment

New enhanced data and network security features provide greater levels of protection for networks, data and business.

3 Virtualisation Built-in (Hyper-V)

64-bit servers allow the virtualisation of multiple operating systems on one server; reducing hardware and power costs and improving availability. New management tools simplify deployment, as users can use the same tools to manage virtual and physical servers.

4 Richer Web Experiences

Improved administration and powerful new tools provide superior web based solutions, which enable users to connect with each other, and their data more easily.

5 Flexible Application Access for Remote Users

Improvements in Terminal Services allow users to access individual applications in a Terminal Server session; applications are run on a host computer and application windows are sent to users.

6 Minimal Environment for Specific Server Roles

The Server Core installation option provides a minimal environment for running specific server roles; helping to improve reliability and efficiency, while giving IT departments the ability to better utilise existing hardware.

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