

Introducing Windows® 7 and Windows 2008 R2

A clear and rewarding decision for any enterprise is to focus on scenarios such as secure remote access, increasing branch office productivity, more efficient power management, and improved virtualization.

Better Together

Microsoft has designed Windows Server® 2008 R2 to provide a solid IT foundation for your business critical applications. And it has many features that are only available when running Windows 7 client computers.

Simplified Remote Connectivity

The DirectAccess feature in Windows 7 and Windows Server 2008 R2 allows Windows 7 client computers to directly connect to intranet-based resources without the complexity of establishing a VPN connection. The user has the same connectivity experience both in and outside of the office.

Enhanced Branch Performance

The BranchCache feature in Windows Server 2008 R2 and Windows 7 client reduces the network utilization on WAN links that connect branch offices by locally caching frequently used content on the branch office network. BranchCache always checks to make sure it is delivering the latest file version. And it only caches read requests, so it will never interfere with a user saving a file.

Increased Protection for Removable Drives

BitLocker to Go – a new feature of Windows 7 – gives the lockdown treatment to easily-misplaced portable storage devices like USB flash drives and external hard drives. This allows you to protect information stored on removable media with the same level of protection as the operating system volume.

More Efficient Power Management

Windows 7 includes a number of power-management features that allow you to control power utilization in your organization with a finer degree of granularity than in previous operating systems. And Windows Server 2008 R2 includes a number of Group Policy settings that allow you to centrally manage the power consumption of computers running Windows 7.

processing environment and isolates the processing from the graphics and I/O, making it possible to run an application in one location but have it be controlled in another. New capabilities, enabled with Windows Server 2008 R2 in combination with Windows 7, help make the experience for remote users almost identical to local users.

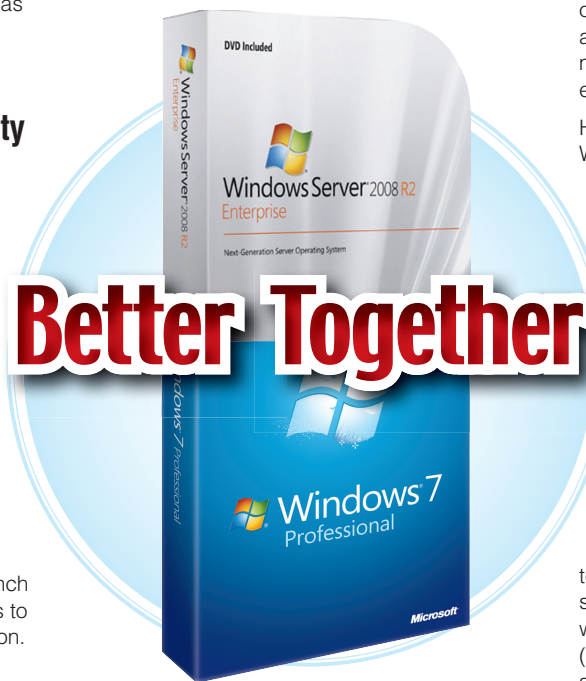
All New Hyper-V™

Windows Server 2008 R2 holds the much-anticipated update to Microsoft's virtualization technology, Hyper-V™. The new Hyper-V is designed to augment both existing virtual machine management as well as to address specific IT challenges, especially around server migration.

Hyper-V is an enabling technology for one of Windows Server 2008 R2's marquee features, Live Migration. With Live Migration, moves between physical hosts happen in milliseconds, which means migration operations become invisible to connected users.

Organizations employing System Center Virtual Machine Manager for Hyper-V will also enjoy additional management and orchestration scenarios, including a new VM-oriented Performance and Resource optimization feature and updated support for managing failover clusters.

The new Hyper-V also has core performance enhancements, including the ability to take advantage of up to 64 logical processors and to beef up that CPU performance with host support for Second Level Translation (SLAT). Finally, VMs can also add and remove storage without requiring a reboot and also boot from VHD as well.



Optimize Virtualization

Virtualization is a major part of today's data centers. The operating efficiencies offered by virtualization allow organizations to dramatically reduce operational effort and power consumption.

Presentation Virtualization

Presentation virtualization provided by Remote Desktop Services' RemoteApp virtualizes a

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