Sun Ray™ Technology with Windows Server 2008 Hyper-V

Sun and Microsoft have expanded their alliance: Sun is a Windows Server 2008 and 2003 OEM and is a single source of sales and support for today's leading server operating systems — the Solaris™ OS, Microsoft Windows, and Linux — on the industry's most innovative x64 systems, storage and desktop products. Sun Ray Software, coupled with Windows Server 2008 Hyper-V on Sun x64 systems, provide a highly secure full screen Windows desktop with zero client maintenance required.

Highlights

- Sun is a Windows Server 2008 and 2003 OEM, a Microsoft Gold Certified Partner, founding member of the Interoperability Vendor Alliance and part of the Windows Server Virtualization Validation Program (SVVP)
- Sun Ray technology provides users with a high-performance, high-security full-screen Windows Desktop. Users can choose between Windows Server 2008 (Q4CY08), Windows Server 2003, Windows XP Professional or Windows Vista delivered via Windows Server 2008 Hyper-V or Terminal Services.
- Sun x64 servers — as well as many StorageTek™ storage systems — have passed Microsoft's stringent compatibility test suite and are listed in the Windows Server Catalog

Legacy desktop infrastructure makes it difficult for organizations to comply with ever-changing regulatory, application, and security requirements. Sun Ray Software provides an affordable, secure, and flexible solution for any organization that wants rich desktop functionality without the complexity and vulnerability of PCs.

With Sun Ray technology, your organization can essentially eliminate desktop maintenance. Sun Ray clients can display the Windows desktop environment of your choice: Windows XP Professional, Windows Vista, Windows Server 2003, or Windows Server 2008 using the RDP based Sun Ray Connector for Windows either in a Windows Terminal Services configuration or in a virtualized environment with Hyper-V.

Unique Sun Ray Software architecture

The unique Sun Ray Software architecture removes management of complex PC or embedded OS thin clients from the desktop equation by offering a complete virtual desktop. The architecture consists of two parts: Sun Ray virtual display clients and Sun Ray Software. The environmentally friendly virtual display client is a low-cost device that, when plugged into the network, delivers a secure network desktop. Sun Ray Software has two core components: Sun Ray Server Software and the Sun Ray Connector for Windows.

Sun Ray Server Software

Sun Ray Server software acts as a broadcaster, delivering customized content to each Sun Ray client on the network. Channel 1 might be Microsoft Windows, Channel 2 might be Linux, and Channel 3 might be the Solaris OS. It provides user authentication and encryption between server and client, as well as user session management. This not only enhances security, but also helps reduce complexity and administration of the IT environment. Sun Ray Server Software provides automatic load balancing, optimizing performance by distributing sessions across servers in the group.

Sun Ray Connector for Windows

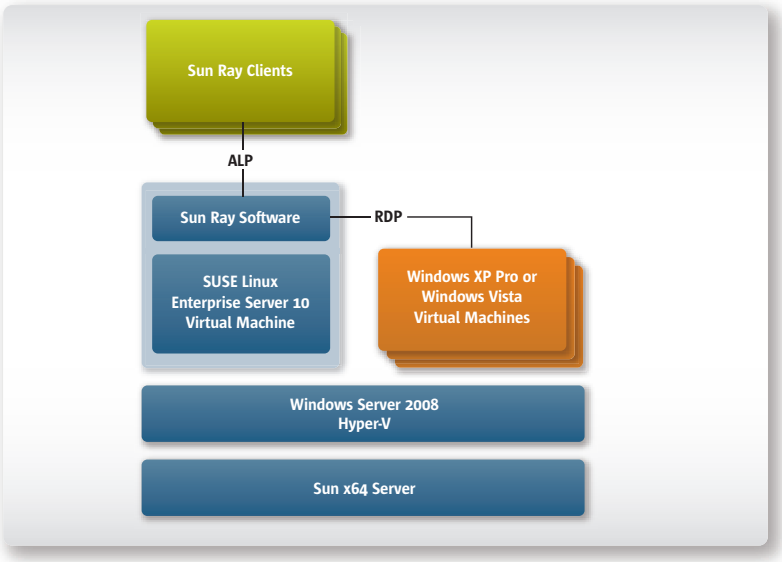
The RDP based Sun Ray Connector for Windows enables users to display Windows XP Professional, Windows Vista, Windows Server 2003 or Windows Server 2008 in a Windows Terminal Services configuration or in a virtualized environment with Hyper-V. Using the innovative Kiosk Mode, customers can provide full-screen, Microsoft Windows desktops to Sun Ray clients, with all the security and mobility benefits unique to the Sun Ray technology architecture.

A secure and manageable Microsoft Windows desktop

Sun Ray Software customers have enjoyed a more secure and manageable Windows desktop since 2001 with Sun Secure Global Desktop Software and other technologies. Since 2006, users have been able to extend the unique Hot Desk capabilities and other advantages of a Sun Ray technology-based architecture to a Microsoft Windows desktop with the RDP based Sun Ray Connector for Windows. The Connector leverages the smart card reader on every Sun Ray client to enable two-factor authentication, as well as provide digital signatures for Windows applications such as Outlook. With several levels of encryption to choose from to protect the connection between the Microsoft Windows and Sun Ray servers, and no data stored or cached on the client, security is not an afterthought, it is designed in from the start. System administrators can leverage remote control capabilities to troubleshoot Microsoft Windows issues, monitor sessions, or assist with training. Additionally, those customers who want to run mixed desktop environments can cut and paste between applications running on different platforms.

Sun x64 servers

Designed to take advantage of Microsoft's built-in virtualization technology, Windows Server 2008 combined with the unique architecture of Sun Microsystems' x64 servers allows you to maximize your hardware investments, increase server utilization, and lower your overall cost of ownership in the datacenter. These powerful servers have the ability to host virtual instances of mission critical workloads such as SQL Server, Exchange, Sharepoint, and Office Communications Server on Hyper-V.



Sun Ray clients can display Windows desktop virtual machines hosted on Windows Server 2008 Hyper-V.

Products

Windows Server 2008 will be shipping shortly with Sun x64 rack servers and blades. For the latest information on Windows compatibility with x64 servers and blades, go to http://www.sun.com/windows. Windows Server 2003 is also currently available on Sun x64 rack servers and blades. Sun does not distribute Windows software as a standalone option.

How to buy

Sun x64 servers and blades, Sun Ray Software, and Sun Ray virtual display clients can be ordered directly from Sun or from Sun Value Added Resellers. For a listing of Sun offices worldwide and Sun Value Added Resellers, go to sun.com/sales.

Learn More

For detailed information on Windows on Sun x64 systems, including up-to-date qualification tables, driver links, and marketing materials, go to: sun.com/software/windows.

For detailed information on Sun Ray technology, please visit www.sun.com/sunray.

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SunWIN #543277 Lit. #SWDS14509-0 9/08