



Unique Features and Benefits	Enterprise Edition	Desktop Edition
Application, Desktop and Content Publishing – Provides users with the familiar experience of local computing, and enables them to operate from any location or device over any network. Full desktops, individual applications, and contents such as URLs can be published, making the management of a desktop infrastructure as easy and intuitive as that of a Windows Terminal Server farm.	✓	✓
Seamless Windows, Session Sharing, Desktop Integration – Published applications can be launched seamlessly, looking and feeling as if executing locally on the user’s desktop. Session-sharing enables multiple applications to execute within the same session. Desktop integration places published application icons directly on the user’s local desktop and Start menu.	✓	✓
Web Interface and SharePoint Integration – Remote applications can be published to the client’s Web browser, providing a secure and ubiquitous access portal to authorized users.	✓	✓
SSL Gateway – Access to published desktops and applications is secured using a built-in Secure Sockets Layer (SSL) VPN Gateway, making firewall and proxy server traversal completely seamless.	✓	✓
Universal Print Driver – Delivers robust, driver-independent printing regardless of printer make and model. Uses an adaptive universal print driver that inherits the native print driver’s features and capabilities to produce optimized print streams.	✓	✓
USB Redirection – Enables users to seamlessly redirect any USB-connected device to their hosted sessions.	✓	✓
Multi-Monitor and Expanded Screen Resolutions – Multiple monitors are supported through the RDP session and can be stacked vertically or horizontally in either left to right or right to left scenarios.	✓	✓
Single Sign-On and Multi-Factor Authentication – Support for credentials pass-through and Kerberos authentication delivers a seamless single sign-on experience, while integration with smart card and two-factor authentication (Quest Defender, RSA SecurID and Secure Computing tokens) solutions increases overall reliability and security.	✓	✓
Heterogeneous Client Support – Support for Windows XP, Vista, Windows CE & XP embedded thin clients, Linux workstations and Linux-based thin clients, and Wyse ThinOS clients.	✓	✓
Application Virtualization and Streaming – Integrated support for publishing and delivering Microsoft App-V virtualized applications into virtual desktops, blade PCs and terminal services sessions. Seamless support for VMware Thinstall and other application virtualization solutions.	✓	✓
Bi-Directional Audio – Enables users to redirect their microphone devices to terminal server and hosted desktop sessions, supporting a variety of applications such as dictation, collaboration, and Skype.	✓	✓
Latency Reduction – Local text echo technology to improve the end-user experience by instantly echoing keystrokes regardless of network latency conditions.	✓	✓
Multimedia Acceleration – Accelerates the playback of multimedia content through redirection to the local device for a like-local experience.	✓	✓
Graphics Acceleration – Bitmap, flash, and browser content is accelerated through innovative capture and compression technologies for a like-local responsive user experience.	✓	✓
Session-Based Time Zone Support – Allows administrators to specify a unique time zone by user name, group membership, OU, or client device.	✓	✓
User Profile Acceleration – Accelerates logon and logoff times, and achieves unprecedented profile stability levels by combining the persistence benefits of roaming profiles with the speed and robustness of mandatory profiles.	✓	✓
Delegated Administration – Granularly delegate administrative responsibility among multi-levels of IT staff, conforming to security and compliance best practices, and providing control over administrative access.	✓	✓
Desktop Integrity Manager – Optionally reset a desktop or group of desktops to their pre-login state after user(s) logoff. A simple check-box enables or disables this function.	✓	✓
Workspace Configuration and Lockdown – Automates time consuming configuration tasks, including the ability to dynamically create Desktop and Start Menu program shortcuts, configure background and color settings, connect to shared network folders and printers, execute scripts, configure user registry settings and environment variables, and lock down the user’s workspace using standard Explorer shell policies.	Terminal Services Only	
Application and Host Access Control – An access control engine enables administrators to grant or deny access to program executables on a day and time basis, as well as access to TCP/IP hosts and network application servers from front-end programs such as Internet Explorer and others.	Terminal Services Only	
Advanced Session Brokering and Load Balancing – Terminal Servers and published applications can be load-balanced based on a wealth of performance metrics including CPU utilization, available memory, context switching, interrupt rate and number of active sessions.	Terminal Services Only	
Performance Management and Optimization – Improves response times and increases overall server capacity by ensuring that users and programs receive their rightful share of CPU cycles, and by drastically reducing or eliminating the wasteful use of virtual memory.	Terminal Services Only	



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Application Compatibility Enhancements – Eliminates multi-user application conflicts arising from software design limitations by using a sophisticated registry and file system isolation engine.	Terminal Services Only	
Virtual IP Support – Enables the assignment of a distinct IP address from a pre-defined range to each Terminal Server session. Also supports client IP address passing and virtual loopback addresses.	Terminal Services Only	
Task Scheduling and Automation – Provides a framework for scheduling and automating the execution of any VAS-supported operation on managed virtual and physical machines, such as power management, creation and tear-down, MSI package installation, desktop expansion and expiration, and program script execution.	✓	✓
Fault Tolerant, Highly Available Broker Infrastructure – An unlimited number of brokers may be present within the infrastructure to ensure scalability, high availability and fault tolerance. Virtual desktop connections are not tunneled through the brokers, thus eliminating single points of failure. A local database cache is created and updated on each broker to achieve unprecedented levels of performance and scalability.	✓	✓
Integration with Multiple Hypervisors – Fully integrated with VMware VirtualCenter, Virtual Iron Virtualization Manager, Parallels Virtuozzo Containers, and Microsoft Hyper-V. Also supports XenEnterprise and other platforms.	✓	✓
Virtual Machine Guest Support – Support for Windows XP, Windows Vista and Windows Server 2003 & 2008 hosted guests.	✓	✓
Automated Virtual Desktop and Server Provisioning – Virtual desktops and server can be provisioned on demand from existing golden images (templates). The guest Windows OS can be fully customized using a hands-free Sysprep process, and then put into production within minutes, including the deployment of MSI-based application packages.	✓	✓
Active Directory Integration – Virtual desktops can be automatically added to and removed from Active Directory upon VM creation and deletion, respectively. Access to published desktops, applications, and other resources such as printers and other configuration settings, is granted to Active Directory users, groups, and organizational units.	✓	✓
Multiple Resource Pools and Datastores – Virtual desktops can be distributed across multiple resource pools and datastores. Administrators can manually specify the number of desktops to create per resource pool and datastore, or select from a number of available distribution schemes. For example, desktops can be distributed evenly across all datastores, or proportionally according to the available storage space on each datastore.	✓	✓
Guest Windows OS Customization – A full-featured Sysprep customization wizard enables administrators to customize all aspects of the Windows guest OS. A custom Sysprep editor also makes it possible to manually customize sysprep.inf.	✓	✓
Integrated Power Management Capabilities – Both physical and virtual desktops can be powered off, powered on, suspended, and resumed. To conserve resources, a power management policy can be enabled to automatically suspend inactive desktops. Upon logon, powered off or suspended desktops are automatically powered on or resumed in seconds.	✓	✓
Real-Time Desktop Usage Reporting – As users connect to and disconnect from their desktops, event and status information is reported to the Connection Broker, and instantly updated in the database and the Management Console.	✓	✓
Virtual Channel Policies – Client device redirection can be enabled by user, group, and organizational unit. Client devices include drives, printers, serial and parallel ports, USB-connected PDAs, clipboard, and sound.	✓	✓
Desktop State Control – Active desktops can be logged off or reset. The guest OS can also be shut down or restarted.	✓	✓
Remote Control – Active desktops can be remote controlled (shadowed) for technical assistance purposes.	✓	✓
Policy-Driven Desktop Configuration – Managed desktops, virtual or physical, are logically grouped and managed like Terminal Server silos. Policies are configured at the desktop group level to specify desktop assignment type (i.e., permanent or temporary), access timetable, user privilege elevation, suspend-on-logoff, and various other settings. Group level policies can be overridden by individual desktop.	✓	✓



Quest is a platform-agnostic global provider of virtual application delivery and dynamic desktop deployment solutions. vWorkspace aggregates application delivery and desktop deployments from any virtualization platform, blade PCs, and

Terminal Services. vWorkspace is an enterprise-grade desktop management solution, transforming the corporate desktop infrastructure into an on-demand service with an optimized user experience for LAN and WAN deployments.

Quest - Desktop Virtualization

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