

Citrix[®] MetaFrame XP[™] Presentation Server & Microsoft[®] Windows[®] Server 2003

Value-add Feature Guide

Extended Capabilities Standard Capabilities

Feature	Citrix [®] MetaFrame XP [™] Presentation Server	Microsoft [®] Windows [®] Server 2003	Value Add Description
MANAGEMENT			
Application Publishing	■		Provides a comprehensive mechanism for delivering individual applications located on a Terminal Server to a user's local setting (desktop, start menu, Program Neighborhood [™] , web interface) for an administrator. Allows intuitive local access to applications without requiring additional training for an end-user.
Content Publishing	■		Extends the application publishing model to accommodate internal and external content. Administrators can configure "content publishing" to open published content with either a local or centrally hosted application.
Content Redirection	■		Extends the publishing model beyond applications to include content (both internal and external.) Administrators can "push" content to users and allow published content to be viewed by applications residing either on local devices or on a Terminal Server.
Shadowing	■	□	Provides extended shadowing capabilities. These capabilities offer a number of enhancements including the shadowing task bar, a shadowing indicator, many-to-one shadowing, logging and user-to-user shadowing.
User-to-user Shadowing/Collaboration	■		Allows administrators to take control of end users' Citrix [®] MetaFrame XP [™] Presentation Server sessions, log shadowing instances and provide an on-screen shadowing indicator.
Web-based Client Install	■		Identifies the platform a user is on and offers the opportunity to automatically download the appropriate MetaFrame XP client. Allows fast, simple deployment of MetaFrame XP clients to first-time users. Administrators no longer have to touch every desktop.
Auto Client Update	■		Updates to MetaFrame XP client software can be configured to automatically install when the user connects to the MetaFrame XP Presentation Server.
User Policies for Administration	■	□	Allows administrators to configure Citrix MetaFrame XP settings, such as time zone, printing and shadowing for specific users and groups. Terminal Server provides basic policies for user configuration.



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MANAGEMENT--Continued			
Delegated Administration	■	□	Augments the inherently strong security in Windows® Server 2003 by providing the ability to delegate Citrix administrative tasks to users without having to add them to a domain administrative group.
Printer Management	■	□	Provides advanced printer management including: universal printing; driver replication; driver compatibility and driver mapping.
Universal Printing	■		Allows an administrator to manage a single, universal print driver for all Terminal Servers in a farm. End users can print high color and high resolution files to any client-side printer that supports color without the need for administrator assistance.
Centralized Management Console	■	□	Enables complete, single-point management of the entire MetaFrame XP server farm -- including servers, applications, licenses, printers and users -- from any location using a comprehensive management interface. Provides tight integration with Active Directory®.
Web-based Centralized Management Console	■		Utilizes an easy-to-use browser interface to access frequently used MetaFrame XP administration functions.
System Monitoring & Analysis	■	□	Allows administrators to efficiently manage and monitor system resources and to generate billing reports—based on costs such as CPU usage or connection time—for users, departments or domains. The Terminal Server base platform provides Performance Monitor which allows manual configuration of performance data.
Application Packaging & Delivery	■		Allows total control of application deployment across servers in a MetaFrame XP Presentation Server/Terminal Server farm. Saves time and money by providing scheduled installation and verification of applications, service packs and files.
LOAD MANAGEMENT			
Server User Load	■	□	Limits the number of users allowed to connect to a server. Windows Server 2003 uses Network Load Balancing Services which is based on the number of connections to an IP address.
Application User Load	■		Limits the number users allowed to access an individual published application.
License Threshold	■		Helps administrators control and meter application license usage by allowing an administrator to limit the number of connections to a MetaFrame XP Presentation Server based on the number of MetaFrame XP licenses in use.
CPU Utilization	■		Allows load to be distributed across servers based on administrator-defined thresholds for CPU utilization.
Memory Usage	■		Allows load to be distributed across servers based on administrator-defined thresholds for memory usage.
Scheduling	■		Schedules the availability of selected servers or published applications.

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LOAD MANAGEMENT— Continued			
IP Range	■		Defines a range of allowed or denied MetaFrame XP client IP addresses for a published application.
Additional Parameters	■		Define ranges based on counters such as: context switches; disk data I/O; disk operations; page faults and page swap.
ACCESS			
Microsoft® Client Support	■	□	Enables access to applications from all versions of Microsoft Windows including Win32 platforms (Windows 9x, Windows NT, Windows 2000, and Windows XP), Windows CE platforms across multiple processors, Pocket PC, and Win16 platforms (Windows 3.x). The Terminal Server Base platform supports the Win32, Windows CE, and Pocket PC platforms.
Mac® Client Support	■	□	Enables access to applications from all versions of Mac OS from X to 7.1 while the Terminal Server base platform supports Mac OS X.
UNIX® Support	■		Enables access to applications from devices which support various UNIX platforms.
Java™ Client Support	■		Enables access to applications from devices which support Java.
Other Client Support	■		Supports a number of heterogeneous devices and platforms with over 200 licensees of the technology.
Web Application Access	■	□	Provides secure access to published applications and content based on user permissions.
SSL/TLS Encryption	■		Simplifies administrative tasks such as firewall traversal by using industry standard SSL/TLS to connect securely between the client and the Citrix MetaFrame XP Presentation Server.
Internet Proxy Support	■		Allows users to connect to MetaFrame servers across networks that use client browser settings to detect and send traffic through a client side proxy server.
Secure Gateway Support	■		Encapsulates MetaFrame XP traffic in SSL/TLS while reducing the cost & management associated with maintaining SSL certificates.
Citrix MetaFrame Secure Access Manager Integration	■		Provides secure, role-based Web access to published Terminal Server applications, heterogeneous content as well as Web applications and intranet content when MetaFrame XP is combined with MetaFrame Secure Access Manager.
Citrix MetaFrame Conferencing Manager Integration	■		Provides easy collaboration, intuitive application conferencing and more productive meetings that eliminate the geographical distance between team members when MetaFrame XP is combined with MetaFrame Conferencing Manager.

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ACCESS—Continued			
Citrix MetaFrame Password Manager Integration	■		Provides universal password security and single sign-on access to Windows, Web, proprietary and host-based applications running within the MetaFrame environment when MetaFrame XP is combined with MetaFrame Password Manager.
SCALABILITY			
Enterprise Class Scalability	■	■	Provides the ability to easily install, manage and expand Citrix MetaFrame XP server farms as business requirements demand. Also supports complex network configurations, including multiple network segments, firewalls and server farms containing over 1000 servers. Terminal Server base platform supports scale-out Terminal Server farms on the Enterprise Edition in conjunction with 3rd party IP load balancers with access limited to devices running Windows XP.
Multi-Farm Aggregation of Application Sets	■		Provides a single location to access applications from multiple Citrix MetaFrame XP server farms across the enterprise.
Multi-Farm Load Balancing	■		Enables the capability to distribute load balanced applications across subnets with the capability of supporting 1000+ servers.
Multi-Farm Business Recovery	■		Ensures access in a multi-farm environment by allowing administrators to configure a backup server farm. Users are automatically switched to the backup farm in the event of a network issue.
USABILITY			
Seamless Windows	■		Integrates local and remote applications into a local Windows desktop. Users can choose between the local and remote applications on the task bar. Provides a true, seamless user experience with little to no end-user training.
Local Drive Access	■	□	Supports local drive access on a variety of platforms -- including all versions of Windows, Mac and UNIX -- as well as server drive remapping to provide client drives using their native drive letters. The Terminal Server base platform supports this feature for client machines running the Windows XP desktop.
Local Printer Access	■	□	Provides local printer access on a wide variety of platforms using native drivers or universal printing. The Terminal Server base platform supports this feature for client machines running the Windows XP desktop.
Client Desktop Integration	■		Integrates published applications and content onto the client's desktop, into the start menu or in the system tray.
Client Auto Detects Proxy Settings	■		Detects client-side proxy settings from Internet Explorer and automatically configures the MetaFrame XP client for access.

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USABILITY—Continued			
SpeedScreen Browser Acceleration	■		Provides more responsive scrolling and improved performance for graphic-intensive Web applications accessed via published Internet Explorer, Outlook or Outlook Express, especially over lower bandwidth connections.
Latency Reduction	■		Optimizes the user's experience over a high latency connection using SpeedScreen™ latency reduction.
Multi-Monitor Support	■		Supports the display of the user's session on multiple monitors when this capability is supported on the client platform.
Pass-through Authentication	■		Provides the ability to pass the user's desktop password to the server. Eliminates the need for multiple system and application authentication.
Application Save Position	■		Stores the information associated with disconnected published applications which enables them to start in the last position the user left it in, just like local applications.
Panning & Scaling	■		Provides the user with the ability to pan and scale sessions which improves usability on client devices with small form factors, such as Pocket PCs.
Support for 3rd Party Technology			
Novell® e-Directory™ support	■		Integrates with e-Directory so users do not have to authenticate twice when running MetaFrame XP sessions.
Oracle® Support	■		Supports the use an Oracle database to store farm information in addition to Microsoft SQL Server.
IBM® DB2® Support	■		Supports the use of an IBM DB2 database to store farm information in addition to Microsoft SQL Server.
IBM Tivoli® Interface for Network Management	■		Administers Citrix MetaFrame XP server farms through the native network-management console of IBM Tivoli.
HP® OpenView® Interface for Network Management	■		Administers Citrix MetaFrame XP server farms through the native network-management console of HP OpenView.
CA Unicenter® Interface for Network Management	■		Administers Citrix MetaFrame XP server farms through the native network-management console of CA Unicenter.

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