



Citrix MetaFrame Presentation Server 3.0 and Microsoft Windows Server 2003

Value Add Feature Guide

■ Advanced Functionality □ Basic Functionality

Feature	Citrix® MetaFrame® Presentation Server	Microsoft® Windows Server™ 2003	Notes
MANAGEMENT			
Microsoft Management Console	■	■	Allows administrators to perform MetaFrame Presentation Server administrative tasks from within the Microsoft Management Console (MMC). Administrators can perform such functions as viewing applications, servers and zones across multiple farms; managing sessions and searching across multiple farms, monitoring server farm performance and creating reports.
Enhanced Connection Policies	■		The basis for administering and controlling the user environment and helping IT administrators better align their IT capabilities with business needs. Allows administrators to set policies based on the user; user group, server groups, IP addresses and client names. This enables greater control over bandwidth limits, zone connection preferences, audio options and printing –helping to ensure that users get consistently good performance.
Custom Dashboard Views with Active Content	■		Enables IT administrators to view a pictorial representation of their MetaFrame Presentation Server infrastructure so that an immediate visual check confirms success operations or highlights inconsistencies across the server farm.
Report Center	■		Enables administrators to define, schedule and publish reports which increases control of their environment. Contains a robust set of pre-defined reports for application and server availability, configurations, performance and capacity, and maintenance, which helps IT administrators get up and running immediately.

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Application Publishing	■		Enables applications that look and feel as if they are running locally to be intuitively accessed by end users without requiring additional training.
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 server-based application.
Content Redirection	■		Allows administrators to specify whether local or server resources are used to open content, no matter where it is stored. Provides users with tighter integration between local and server-based applications.
Shadowing	■	□	No shadowing task bar, no indicator, one-to-one only, no logging.
User-to-user Shadowing/Collaboration	■		Allows administrators to take control of end users' MetaFrame 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 Presentation Server Client. Allows fast, simple deployment of MetaFrame Presentation Server clients to first-time users. Administrators no longer have to touch every desktop.
Auto Client Update	■		Updates to MetaFrame Presentation Server client software can be configured to automatically install when the user connects.
Zone Preference and Failover	■		Allows administrators to specify users' preferred zone preferences within a server farm, which provides users with the fastest available connection, and provides an alternate farm connection in the event of a failure.
User Policies for Administration	■	□	Allows administrators to configure MetaFrame Presentation Server 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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Delegated Administration	■	□	Delegated administration augments the inherently strong security in Windows Server 2003. This is accomplished by providing the ability to designate Citrix administrative tasks to users without having to add them to a domain administrative group.
Printer Management	■	□	Windows Terminal Server provides basic printer management. MetaFrame Presentation Server provides advanced printer management which includes: Universal Printing; driver replication; driver compatibility and driver mapping.
Centralized Management Console	■	□	Comprehensive interface that enables complete, single-point management of the entire MetaFrame Presentation Server farm including servers, applications, licenses, printers and users from any location. Provides tight integration with Active Directory®.
Web-based Centralized Management Console	■		Utilizes an easy-to-use Web interface to access frequently used MetaFrame Presentation Server administration functions.
Load Management	■	□	MetaFrame Presentation Server customizes load-balancing rules to maximize server resources based on the application and user environment. Windows Server 2003 supports Network Load Balancing. This service load balances incoming Internet Protocol (IP) traffic across Terminal Servers.
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 base platform provides Performance Monitor which allows manual configuration of performance data.
Application Packaging & Delivery	■		Allows total delivery control through scheduling and install verification. Saves time and money by making it easier to create and replicate applications, service packs and files across the server farm.
Universal Printing	■		MetaFrame Presentation Server Universal Printing provides a single, universal print driver for customers to manage on all servers in the farm. Users can print high color and high resolution files to any client-side printer that supports color without the need to manage a multitude of drivers on the servers.
Remote Server Management	■	□	Windows provides basic remote access via a

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			command line switch within the Remote Desktop client. Citrix customers can remotely manage all of their MetaFrame Presentation Servers directly from an integrated user interface within the Management Console and connect to either the desktop or the console.
LOAD MANAGEMENT			
Application User Load	■	□	Limits the number users allowed to connect to a selected published application. Windows Server 2003 uses Network Load Balancing Services which is based on the number of connections to an IP address.
Server User Load	■		Limits the number of users allowed to connect to a server.
License Threshold	■		Sets the upper limit for assigned or pooled connection licenses in use on a server.
CPU Utilization	■		Defines a range of processor utilization for a selected server.
Memory Usage	■		Defines a range of memory usage by a server.
Scheduling	■		Schedules the availability of selected servers or published applications.
IP Range	■		Defines a range of allowed or denied MetaFrame Presentation Server client IP addresses for a published application.
Context Switches	■		Defines a range of context switch frequency for a selected server.
Disk Data I/O	■		Defines a range of data throughput for a selected server.
Disk Operations	■		Defines a range of disk operation frequency for a selected server.
Page Fault	■		Defines a range of page fault frequency for a selected server.
Page Swap	■		Defines a range of page swap frequency for a selected server.
ACCESS			
Microsoft Remote Desktop Client Support	■	■	Allows users to connect to MetaFrame Presentation Server without the need to install MetaFrame Presentation Server client software, enabling access from devices that are locked-down or where restrictions prevent the download of a Citrix client.
Microsoft Client Support	■	□	Windows Server 2003 supports Win32, WinCE and PocketPC clients. MetaFrame Presentation Server supports all versions of Windows including Win32, WinCE, PocketPC and Win16.

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Mac Client Support	■	□	Windows Server 2003 supports Mac OS X. MetaFrame Presentation Server supports all versions of Mac OS from X to 7.1
UNIX Support	■		MetaFrame Presentation Server supports multiple UNIX platforms as clients.
Java Client Support	■		MetaFrame Presentation Server supports a Java client.
Other Client Support	■		MetaFrame Presentation Server supports a number of heterogeneous devices and platforms as clients.
Web Application Access	■	□	Remote Desktop Connection Web client provides a published desktop. The Web Interface for MetaFrame Presentation Server provides secure access to published applications and content based on user permissions.
Firewall Traversal (single port)	■	□	Terminal Server traverses the firewall on TCP port 3389. MetaFrame Presentation Server can traverse firewalls using industry standard SSL/TLS as well as other ports.
SSL/TLS Encryption	■		MetaFrame Presentation Server can use SSL/TLS to connect securely between the client and 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	■		Secure Gateway encapsulates MetaFrame Presentation Server traffic in SSL while minimizing the cost & management of certificates.
Citrix MetaFrame Secure Access Manager Support	■		MetaFrame Presentation Server can be combined with MetaFrame Secure Access Manager to provide secure, role-based Web access to published applications, heterogeneous content as well as Web applications and intranet content.
Citrix MetaFrame Conferencing Manager Support	■		MetaFrame Presentation Server can be combined with MetaFrame Conferencing Manager to provide easy collaboration, intuitive application conferencing and more productive meetings that eliminate the geographical distance between team members.

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Citrix MetaFrame Password Manager Support	■		MetaFrame Presentation Server can be combined with MetaFrame Password Manger to provide universal password security and single sign-on access to Windows, Web, proprietary and host-based applications - running within the MetaFrame environment.
SCALABILITY			
Enterprise Class Scalability	■		Provides the ability to easily install, manage and expand Citrix MetaFrame Presentation Server farms as business requirements demand. Also supports complex network configurations, including multiple network segments, firewalls and server farms containing over 1000 servers.
Multi-Farm aggregation of Application Sets	■		Provides a single location to access applications from multiple Citrix MetaFrame Presentation Server farms across the enterprise.
Multi-Farm Load Balancing	■		MetaFrame Presentation Server has the capability to distribute load balanced applications across subnets if necessary.
Multi-Farm Business Recovery	■		Administrators can configure a backup server farm. Automatic switching to the backup farm occurs in the event of a failure. Ensures business continuity and uninterrupted access to MetaFrame based applications.
USABILITY			
Smooth Roaming	■		Provides uninterrupted access to information.
Workspace Control	■		Allows a user to switch between devices and move between locations without interruption.
Session Reliability	■		Users' work items remain open when network connectivity is lost, and then seamlessly resume when connectivity is restored. This feature is especially useful for mobile users with wireless connections that are interrupted or dropped. When a session connection is interrupted, all open windows to published resources will remain visible while reconnection is automatically attempted in the background.
Dynamic Display Reconfiguration	■		Provides a smoother experience for users who switch between client devices with varying display modes (resolution and color depth) by reconfiguring window appearance appropriately for the device.
Seamless Windows	■		Integrates local and remote applications into a local Windows desktop. Users can choose

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			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	■	□	The Terminal Server client on a Windows XP desktop can access local drives. MetaFrame 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.
Local Printer Access	■	□	The Terminal Server client on a Windows XP desktop can access local & network printers. Specialty printers such as Adobe .PDF printers do not get picked up. MetaFrame Presentation Server provides local printer access on a variety of platforms including native drivers and Universal Printing.
Client Desktop Integration	■		Published applications can be integrated onto the client's desktop; into the start menu or in the system tray.
Client Auto Detects Proxy Settings	■		The MetaFrame Presentation Server client can detect proxy settings from Internet Explorer.
Latency Reduction	■		MetaFrame supports SpeedScreen™ Latency Reduction which optimizes the user's experience over a high latency connection.
Multi-Monitor Support	■		Sessions can be displayed on client operating systems that support multiple monitors.
SpeedScreen Browser Acceleration	■		MetaFrame Presentation Server Presentation Server 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.
SpeedScreen Multi-media Acceleration	■		Increases the performance of multi-media applications and web content such as audio, video, image, and MacroMedia Flash files.
Bi-Directional Audio	■		Allows client-side audio peripherals such as microphones and dictation hardware, including Phillips SpeechMike™ speech processing devices, to send audio signals to dictation applications running on a centralized server.
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.

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Application Save Position	■		Disconnected published applications will start in the last position the user left it in; just like local applications.
Panning & Scaling	■		Users have the ability to pan and scale their sessions to improve usability on client devices with small form factors, like Pocket PCs.
SUPPORT FOR 3RD PARTY TECHNOLOGY			
Novell e-Directory support	■		eDirectory users do not have to authenticate twice when running MetaFrame Presentation Server sessions.
Oracle [®] Support	■		In addition to Microsoft SQL Server, MetaFrame Presentation Server can use an Oracle database to store farm information.
IBM [®] DB2 [®] Support	■		In addition to Microsoft SQL Server, MetaFrame Presentation Server can use an IBM DB2 database to store farm information.
IBM Tivoli interface for Network Management	■		Administers Citrix MetaFrame Presentation Server server farms through the native network-management console of IBM Tivoli.
HP OpenView interface for Network Management	■		Administers Citrix MetaFrame Presentation Server server farms through the native network-management console of HP OpenView.
CA Unicenter interface for Network Management	■		Administers Citrix MetaFrame Presentation Server server farms through the native network-management console of CA Unicenter.

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