

CITRIX PRESENTATION SERVER PLUG-IN FOR ORACLE ENTERPRISE MANAGER 10g

In a complex enterprise computing environment, the ability to centrally monitor and manage key system components can provide many benefits: greater operational efficiency, faster issue resolution, higher availability to meet service level agreement (SLA) requirements, more efficient server auditing, and improved planning, among others. Oracle Enterprise Manager delivers benefits like these by centrally monitoring and managing the health of an organization's complete Oracle systems.

However, a typical enterprise comprises a large ecosystem of diverse hardware and software to support different business needs. More than 25,000 organizations run Oracle applications together with application virtualization solutions from Citrix Systems, Inc. Citrix and Oracle have a long-standing relationship: Citrix is an Oracle PartnerNetwork (OPN) Certified Partner and the Citrix Access Platform has been validated by Oracle.

Citrix solutions enable secure, on-demand access to Windows®, UNIX®, Web, and legacy applications and data from any location, device or network connection. They provide end users with the opportunity to access such resources as enterprise business applications, Web applications and legacy applications without the expense of continually maintaining and upgrading the client device.

Like Oracle, Citrix provides robust tools for centralized monitoring and management of its Citrix Presentation Server™ solutions. Until now, however, IT administrators have had to oversee their Oracle and Citrix environments separately.

Monitoring Citrix Presentation Server from within Oracle Enterprise Manager

As the number of users expands, managing server growth and consolidation, and maintaining high availability of applications across different systems can place a heavy burden on IT. Administrators can significantly increase their efficiency and gain a holistic view of their computing environment by monitoring Citrix Presentation Server 4 from within Oracle Enterprise Manager. With the Citrix Presentation Server Plug-in for Oracle Enterprise Manager, IT departments can integrate monitoring of these two solutions instead of having to switch from one console to another.

The Citrix Plug-in allows IT to oversee the health of Citrix servers from the Oracle Enterprise Management Console. IT managers can access selected data compiled by the Citrix Resource Manager capability, which provides monitoring and reporting functions for Citrix Presentation Server 4. The Citrix Plug-in automatically collects a set of availability and performance metrics with predefined thresholds, and immediately alerts administrators to any system issues.

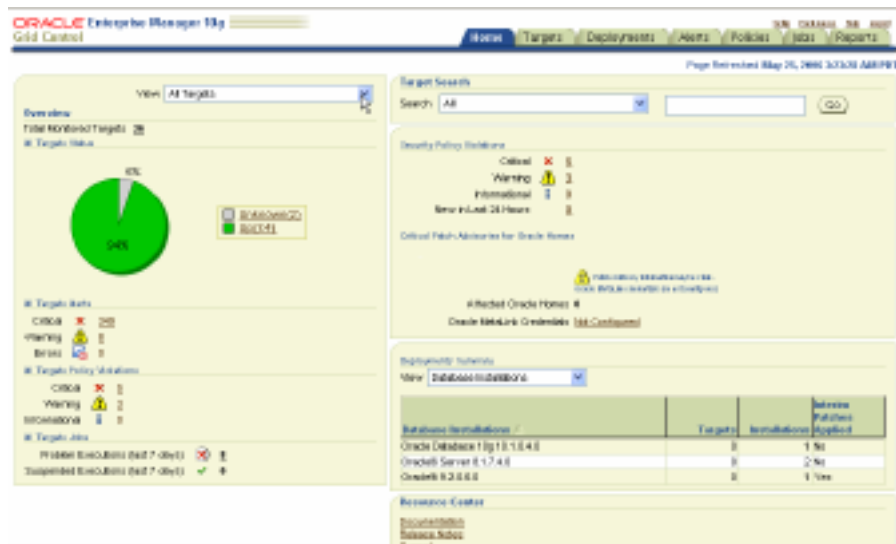
The Citrix Plug-in:

- Increases availability in Citrix Presentation Server environments by proactively monitoring and reporting on critical components
- Ensures optimal server performance by monitoring Citrix Presentation Server sessions and users
- Keeps servers running at peak capacity by providing utilization statistics for users and servers

How it Works

To collect metric information from the Resource Manager summary database, only one Oracle Enterprise Management agent is required for the entire Citrix server farm. Further, the ability to place this agent on any server with a network connection to Resource Manager, including one that is independent of the farm, minimizes the impact on server scalability and user density. The agent executes SQL queries, fetches data from the summary database, and periodically posts the data to the Oracle Enterprise Management Console. The frequency of queries is fully configurable by IT.

Automated Discovery: During the typical life cycle of IT infrastructure, servers are added, removed and taken off-line on a regular basis. Manual discovery is a time-consuming process that can be prone to error. In contrast, the automated discovery feature of the Citrix Plug-in ensures correct information about current server farm status by displaying the metrics for all active servers.



Benefits of the Citrix Plug-in for Oracle Enterprise Manager

- Greater IT efficiency for cost savings
- Streamlined administration
- Improved insight into the system
- Faster response to alerts

Monitoring and Alerting Capabilities

The Citrix Plug-in is used to gather and monitor performance and usage metrics on Citrix Presentation Server 4 farms from within the Oracle console. This tool was designed to provide organizations with the most important and useful metrics, which focus on key counters affecting server and server farm performance, scalability and management. The Citrix Plug-in makes it easy to oversee server loading for availability and capacity planning. Additional metrics can be added based on customer requirements. Thresholds and alerts can be set for these metrics.

Following is a list of metrics provided by the Citrix Plug-in:

• Monitored object/element	• Data store connection failures	• Processor
• Memory	• Logical disk	• Network interface
• System	• Citrix licensing	• Sessions
• Terminal Services	• Server	

Reporting Capabilities

Eight out-of-the box reports are provided by the Citrix Plug-in. These reports, which can be customized, give insight regarding the health of the user, application, server and farm.

1. Farm Performance Report	4. Farm Availability Report	7. Favorite Applications Report
2. Server Performance Report	5. Applications and Usage Report	8. Process and Details Report
3. Terminal Services Report	6. Applications and Details Report	

About Citrix

Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and most trusted name in on-demand access. More than 180,000 organizations around the world rely on Citrix to provide the best possible access experience to any application for any user. Citrix customers include 100% of the *Fortune* 100 companies and 98% of the *Fortune* Global 500, as well as hundreds of thousands of small businesses and individuals. Citrix has approximately 6,200 channel and alliance partners in more than 100 countries. Citrix annual revenues in 2005 were \$909 million. Learn more at www.citrix.com.



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Summary

Citrix Presentation Server farms enable IT administrators to provide workers with secure, easy and instant access to enterprise applications. Using the Citrix Plug-in for Oracle Enterprise Manager to continually monitor the Citrix environment from the Oracle console enables IT administrators to provide more value by ensuring application performance and availability. Managing Citrix Presentation Server together with related Oracle systems and applications helps administrators reduce downtime, rapidly diagnose and resolve problems, improve productivity, and enhance IT service-level reporting.

How to Obtain the Citrix Plug-in for Oracle Enterprise Manager

The Citrix Plug-in can be downloaded for free from the Citrix Developer Network™ (CDN) Web site at www.citrix.com/cdn.