

BROCADE

ServerIron ADX Validated Integration With Oracle Enterprise Manager



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The ServerIron EM Plug-in significantly reduces the cost and complexity of managing applications that rely on ServerIron ADX and Oracle technologies.

Company Overview

Brocade is an industry leader in data center networking solutions and services that enable organizations to manage their most vital information assets. Brocade has pioneered the technologies that enable highly reliable and secure data center connectivity. Today most of the world's data flows through Brocade equipment and data center networks built on Brocade technology. It's no wonder that Global 500 companies rely on Brocade technology to keep their businesses running around the clock.

Integration Overview

The Oracle Enterprise Manager (EM) System Monitoring Plug-in for Brocade ServerIron ADX automatically collects a comprehensive set of configuration information, availability and performance metrics, immediately alerting administrators of any issues so they can take appropriate action. Some of the key performance indicators collected and monitored include Application Delivery Controller (ADC) CPU utilization, network interface utilization, Virtual IP and Real Server port statistics, as well as peak and concurrent connection load, all of which can affect the end user application experience.

Integration Details

In addition to real-time monitoring of performance metrics for ServerIron ADX, Grid Control also stores the monitoring information in the management repository, thereby enabling administrators to analyze performance through various historical views (e.g. Last 24 Hours), facilitating strategic tasks such as trend analysis and reporting.

To further aid administrators with critical tasks such as problem diagnosis, trend analysis and capacity planning, the System Monitoring Plug-in for Brocade ServerIron ADX includes insightful out-of-box reports, summarizing key information about Brocade ServerIron ADX availability, application traffic performance and configuration. These reports are easily accessible from the ServerIron homepage in the Grid Control Console and from the Information Publisher (Enterprise Manager's powerful reporting framework), enabling administrators to schedule, share, and customize reports to fit their operations needs.

The System Monitoring Plug-in for Brocade ServerIron ADX leverages Grid Control's powerful monitoring and event management features to deliver a robust monitoring solution through standardization and automation. Key features include:

- **Blackout Periods**—prevent unnecessary alerts from being raised during scheduled maintenance operations, such as hardware upgrades



Validated Integration

Oracle Enterprise
Manager

Through the Oracle PartnerNetwork Application Integration Architecture for Partners Initiative, partners with validated integrations are able to provide customers with standards-based product integrations, tested and validated by Oracle. Customers benefit from improved risk management and smoother upgrade capability, leading to a lower total cost of ownership and greater overall satisfaction.

Availability

For more information, visit www.brocade.com

Support

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- **Monitoring Templates**—simplify the task of standardizing monitoring settings across the entire ServerIron ADX environment, by allowing administrators to specify the monitoring settings (metrics, thresholds, metric collection schedules and corrective actions) once, then applying them to any number of ServerIron ADX instances
- **Corrective Actions**—ensure that routine responses to alerts are automatically executed, thereby saving administrators time and ensuring problems are dealt with before they noticeably impact users
- **Notification Rules, Methods and Schedules**—define when and how administrators should be notified about critical problems with their applications, ensuring quicker problem resolution
- **Groups / Systems**—significantly simplify management of large numbers of components, allowing administrators to manage ‘many-as-one’. By combining ServerIron ADX instances into groups, or including them in heterogeneous groups or systems, administrators can benefit from a wealth of group management features, such as the ability to proactively monitor availability and alerts from all group members via the System Monitoring Dashboard.

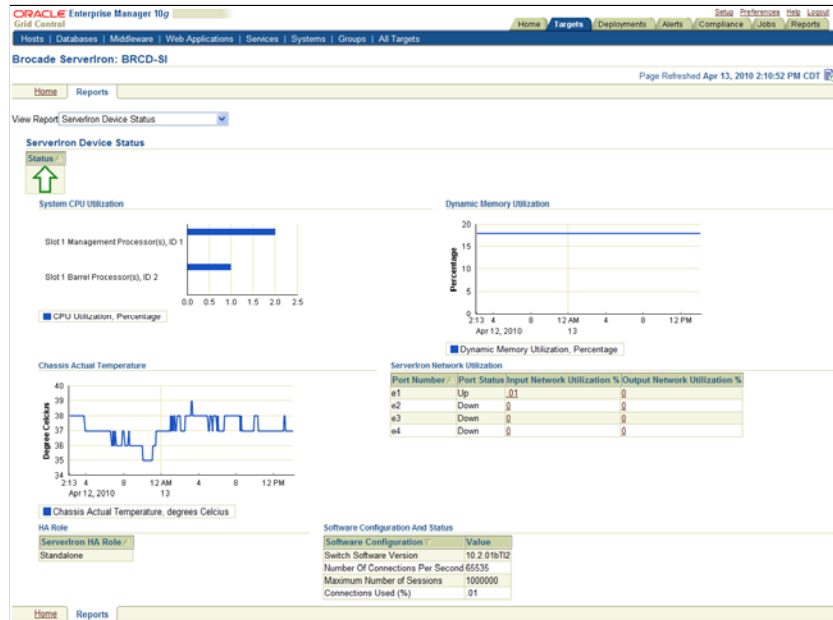


Figure 1. ServerIron ADX Device Status Report

Environment

Brocade Environment

ServerIron ADX, Release 12.2

Oracle Environment

Oracle Enterprise Manager 10g Grid Control Release 5 (10.2.0.5.0)

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