

PRIMERGY ServerView Suite ServerView[®] Integration

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Integration of PRIMERGY Servers with ServerView[®] into Enterprise Management Systems

- IBM Tivoli[®] TME 10[™] Framework T/EC
- IBM Tivoli[®] NetView[®]
- HP OpenView Network Node Manager
- HP OpenView Operations
- Microsoft[®] MOM and SCOM 2007
- Microsoft[®] SMS and SCCM 2007
- Computer Associates Unicenter[®]
- Nagios[®] and BMC Patrol[®]

Standardized protocols and interfaces used with ServerView form the communication base for integrating PRIMERGY servers into Enterprise Management Systems.

Furthermore, ServerView and optional software packages provide modules to make integration easy and to present more detailed information about the status of PRIMERGY servers at the event console of an Enterprise Management System. This “event/trap integration” allows monitoring of PRIMERGY server events/traps from a central Enterprise Management Console.

The integration modules enable functions, such as network management, application management and software distribution, to be used more easily for PRIMERGY servers.

ServerView Integration benefits

Integrating ServerView into a central management platform brings the following advantages:

- Use your Enterprise Management System for PRIMERGY servers
- Automatic network discovery for reduced configuration times
- All events/traps conveyed to event console of enterprise management system
- PRIMERGY systems are shown on network maps by specific icons, indicating status
- On the central console of the enterprise management systems, the ServerView Operations Manager console can be launched for detailed analysis
- Note: not all functions are available for all Enterprise Management Systems
- Reduce administration cost:
Single point of administration for all network devices in a single centrally managed network map
- Ensure higher reliability:
Monitor server installation, status
- Efficient use of all network components and resources efficiently



Modules for ServerView integration to Enterprise Management Systems

CA Unicenter



The integration of ServerView in Unicenter NSM is offered within the scope of manage now®. The complete solution covers implementation of all required Unicenter NSM components. Further Informationen regarding manage now®: www.manage-now.de.

A similar integration without ohne manage now® is in preparation.

Tivoli TME 10™ Framework TE/C



Tivoli's certified Plus module can be used with the operating systems Windows 2000, 2003, XP and Vista. It is possible to call up the ServerView Operations Manager console directly from the Tivoli front-end.

Tivoli NetView



A new separate module is available for event (trap) and call integration in IBM NetView.

HP Open View NNM



All alerts from PRIMERGY systems are passed to the event console of the HP OpenView Network Node Manager and displayed there. The PRIMERGY systems appear on the network interface card as separate icons and signal their state in color. The ServerView Operations Manager can be started directly from here so that the cause of the failure can be analyzed in detail.

HP Open View Operations



In HP OpenView Operations (OVO) OVO in-between agents and OVO Manager secure communication takes place. ServerView integrates via Smart Plug-Ins (SPI) in OVO. ServerView and component agents write into the Windows Event Log, which is monitored by the OVO agents. In addition Blade Server integration is accomplished via an SNMP Interceptor. ServerView consoles (Web und W32) can be started directly from the OVO Manager.

BMC Patrol



Sentry Software (<http://www.sentrysoftware.net>) offers a knowledge module for integration of ServerView into BMC Patrol.

Nagios



The company NETWAYS® (<http://www.netways.de>) has developed a PRIMERGY Nagios plug-in and provides this as open source for download via the official plugin repository (<http://www.nagiosexchange.org>). An online demo is available via <http://nagios.demo.netways.de>. Consulting and installation support can be obtained directly from NETWAYS (info@netways.de).



Microsoft System Center Operations Manager (SCOM) 2007



The PRIMERGY ServerView Suite DVD contains an integration module for the integration of ServerView in Operations Manager (OM). ServerView events including ServerView RAID are displayed on the OM management console and stored in the OM database. Also the connection to the agents and their correct operation is monitored. About 700 hundred critical events result in an alarm. The PRIMERGY servers recognized at the discovery are assigned to an own group automatically. ServerView Operations Manager and the iRMC web console can be started directly out of OM UI. Important asset information is provided via Show System Data.

Microsoft System Center Configuration Manager (SCCM)



DeskView and ServerView Integration Pack for Microsoft SCCM allows for managing HW and SW of computer systems from Fujitsu Siemens Computers by Microsoft System Center Configuration Manager.

Inventory data of components installed on PRIMERGY servers are automatically provided to SCCM Resource Explorer. The System Center Update Publisher (SCUP) ensures that SCCM has the current software catalog in the access.

With a target / actual comparison may be the need of an update identified and, where appropriate, distributed and installed.

In the current version BIOS and firmware updates are accomplished via ASPs (Autonomous Support Packages).

ServerView Operations Manager and the iRMC console can be started out of the SCCM user interface..

Software requirements

For all packages:

- Current ServerView agents

ServerView Integration Pack for Tivoli T/EC

- Tivoli Framework 4.1 or higher
- Tivoli Enterprise Console (TEC) 3.9 or higher
- Windows 2000 (Service Pack 4 or higher)
- Windows 2003, Windows XP and Windows Vista

ServerView Integration Pack for Tivoli NetView

- IBM Tivoli NetView V7.1.x or higher
- Windows 2000 (Service Pack 4 or higher)
- Windows 2003, Windows XP and Windows Vista

ServerView Integration Pack HP OV NNM

- HP OpenView Network Node Manager V7.x or higher
- Windows 2000 (Service Pack 4 or higher)
- Windows 2003, Windows XP

ServerView Integration Pack for HP OV Operations

- HP OpenView Operations V7.2/7.5 or higher
- Windows 2000 (Service Pack 1 or higher)
- Windows 2003, Windows XP

ServerView Integration Pack for MS SMS 2003

- SMS 2003 (Service Pack 2 or higher)
- Global Flash Agent (V4.30 or higher)

ServerView Integration Pack for MS MOM 2005

- Windows Server 2003 (Service Pack 1 or higher)
- MOM 2005 SP1
- SQL Server 2000 (Service Pack 4 or higher)

ServerView Integration Pack for MS SCOM 2007

- Management Station
 - Windows Server 2003/R2/x86 (SP 2 or higher)
 - SCOM 2007 SP1 RC1
 - ServerView S2 / Operations Manager (V4.60 or higher)
- Clients
 - Windows 2000 (SP 4 or higher) , 2003 (SP2 or higher) and 2008
 - ServerView agents V4.20 or higher

DeskView & ServerView Integration Pack for MS SCCM

- Management Station
 - Windows Server 2003/R2/x86 (SP 2 or higher)
 - SCCM 2007 SP1
 - Microsoft Windows Update Service (WSUS) 3.0
- Clients
 - Windows 2000 (SP 4 or higher) , 2003 (SP2 or higher) and 2008
 - ServerView agents V4.70 or higher

Ordering**ServerView Integration CD**

Order number U15051-C108 includes the license rights for one of these integration modules for one management station to monitor an unlimited number of servers:

- ServerView Integration Pack for Tivoli T/EC
- ServerView Integration Pack for Tivoli NetView
- ServerView Integration Pack for HP OV NNM
- ServerView Integration Pack for HP OV Operations

The integration modules are provided together with manuals on the CD.

Integration modules on ServerView Suite DVD

Integration into

- Microsoft SMS 2003, MOM 2005, SCOM 2007 and SCCM 2007 is provided free of charge on the ServerView Suite DVD.