QuickSpecs

Overview

Introduction

HP Rack and Power Management Pack 2.0 delivers rack and power manageability software for HP branded UPS and Environmental Monitoring products for single, multiple and redundant UPS environments which is available with every HP Uninterruptible Power System (UPS).

NOTE: Individual and legacy utilities are available on on the website as downloadable softpaqs. For more information and most current versions, visit http://www.hp/products/ups.

Product Description

HP Rack and Power Manager, version 1.0 is enterprise-grade software that ensures maximum power reliability of computer systems through comprehensive control of HP Uninterruptible Power Systems (UPSs) and the HP rack environmental monitor, the Console Management Controller (CMC). This software provides comprehensive device control in datacenter environments where multiple users need to access and manage many devices both locally and remotely. A familiar browser interface provides secure remote access (128-bit SSL encryption) to management agents anywhere on your network.

HP Rack and Power Manager allows users to schedule system shutdowns, control power failure settings, and define UPS load segments to allow for maximum uptime of critical servers. This software offers several new features, such as, the ability to configure redundant UPSs and system event handling, which allows users to establish power and environmental failure policies with programmed automatic responses.

HP Rack and Power Manager software can be configured to send alert traps to HP Insight Manager or other SNMP-management programs, or runs as a standalone power management system. This flexibility allows you to monitor, manage and control the rack and power environments of networked and serially-attached devices (CMC's & UPS's) regardless of your system management method.

For ease of configuration, HP Rack and Power Manager can be configured to perform device auto-discovery and copy event configurations of already managed devices to newly managed devices. To facilitate day-to-day maintenance tasks, the software provides detailed system logs and system diagnostics including UPS battery checks.

- Enables the configuration of redundant UPSs to support advanced power management features in today's high availability servers with multiple power supplies.
- Fully integrates the functionality of Compaq Intelligent Rack Manager Lite and Compaq Power Manager into an Enterprise grade device management package. System Administrators can control system UPSs and Console Management Controllers from an integrated console either locally or remotely.
- Provides the ability to establish power failure policies and automatically respond 24x7 to power faults or security risks without IT administrators present.
- Device actions can be performed on any device that is being managed. Example. If a CMC detects excessive temperatures inside the rack, HP Rack and Power Manager can be configured to instruct the UPS with in the same rack to shut down load segments.

Specifications

Minimum Hardware and Software Requirements for Rack and Power Management Server

Hardware and Software	Minimum Requirements
Hardware	500 MHz processor or greater.
System Memory	256 MB of RAM with Microsoft® SQL Server or MSDE on same server
Disk Space	100 MB for HP Rack and Power Management Software and Database
Server Operating System	Microsoft Windows® NT® Server 4.0 Retail with Service Pack 6a or greater Microsoft Windows NT Server 4.0 Enterprise with Service Pack 6a or greater Microsoft Windows 2000 Server with Service Pack 2 or greater Microsoft Windows 2000 Advanced Server with Service Pack 2 or greater Red Hat Linux 7.2 Server Red Hat Linux 7.3 Server
Server Software	TCP/IP installed SNMP services installed and active

Minimum Requirements for Rack and Power Management Agents

Hardware and Software	Minimum Requirements
Hardware	233 MHz processor
System Memory	64 MB of RAM
Disk Space	10 MB for the System Agent 10 MB for the Serial Relay Agent
Server Operating System	Microsoft Windows NT Server 4.0 Retail with Service Pack 6a or greater Microsoft Windows NT Server 4.0 Enterprise with Service Pack 6a or greater Microsoft Windows 2000 Server with Service Pack 2 or greater Microsoft Windows 2000 Advanced Server with Service Pack 2 or greater Red Hat Linux 7.2 Server Red Hat Linux 7.3 Server Novell NetWare 5.1 Novel Netware 6.0
Server Software	TCP/IP installed SNMP services installed and active

Browser Requirements for remotely accessing Compaq Insight Manager 7/Version Control Agents/Version Control Repository Manager

Hardware and Software	Minimum Requirements for Browser/Client-side OS
Web Browser client	● Microsoft Internet Explorer 5.5 or later with Sun Java Plug-in 1.3.1_06 (recommended) ● Netscape 6.2 for Windows or later with Sun Java Plug-in 1.3.1_06 (recommended) ● Netscape 6.2 for Linux or later with Sun Java Plug-in 1.4.1_01 (recommended) To verify you have the correct browser version, open the browser and click Help from the menu bar. Select and an information box will appear. This box lists the version you are running.
Monitor Resolution	Screen resolution of 1024 X 768 with browser window maximized Display Color Settings: ● A minimum of 256 colors ● Recommended is High Color (16 bit) colors