

Overview

HPE Power Protector UPS Management Software

HPE Power Protector, a web-based application, enables administrators to manage an HPE UPS from a management console. Administrators can monitor, manage, and control a single UPS locally and remotely.

- UPS power management via HPE Power Protector available via free download from HPE.com.
- Allows for local or network-based UPS monitoring, status updates, and control over shutdown communications
- Download to other servers or IT devices to create “clients” that can be configured for graceful shut down
- Access the HPE Power Protector user interface via a USB or serial connected server (proxy server) or through the optional 1GbE Network Management Card

Increase stability and security in your data center

HPE Power Protector gives you the ability to establish power failure policies and automatically respond 24×7 to power faults or security risks without IT administrators present. Prioritize shutdowns in the event of a power failure to ensure that your data and hardware are fully protected. Delay restart based on defined load segments after a shutdown to sequence the start-up of system components and perform UPS diagnostics to ensure the availability of adequate battery backup times.

Simplify management of UPS functions

Simple, effective management of environments, one UPS at a time. For users wanting ease of use, this is the tool to use. From load segmentation to power down prioritization and alert management, this tool offers everything needed from a single console. It even offers remote access via a web browser with secure SSL authentication. Simple, easy to read status "gauges" offer monitoring at a glance.

Typical use cases

- Providing power protection for Microsoft® Windows®, Linux, UNIX, and other popular operating systems
- Supporting single or small workgroups of tower and rack servers attached to a single UPS
- Offering easy-to-use and configure power failure settings

Download updates from [HPE Software Depot](#)

Models

HPE Power Protector

HPE Power Protector (HPPP) is a best in class power management software for HPE Uninterruptible Power Systems (UPSs). HPE Power Protector is a dual role software that can be configured as either an Administrator or a Client simplifying downloads and compatibility.

When configured in the Administrator role HPPP is loaded on the server communicating directly (serial /USB Cable) to the managed UPS. The HPPP Administrator monitors UPS status and controls shutdown communications to HPPP Clients loaded on additional servers protected by the UPS. Each HPPP Client can be configured for graceful shut down based on individual server needs.

Supported Features

- Control, Monitor, Manage
- Define independent UPS load segments
- Supports Single UPS configurations
- Shutdown script support
- Graceful unattended shutdown based on specified events
- Automatic battery testing (HW de)

Overview

- Real-Time alarm monitoring
 - Customizable alert parameters (for a variety of different events and choose the actions you want to take in response to those events)
 - Application logs
 - Event Logs
 - Device Logs
 - Graphical log feature
 - Windows Hibernation
 - Serial attached UPS communications
 - Network attached UPS communications (Via HPE Network Module)
 - USB attached UPS communications (Hardware Dependent)
 - Software Interactive Upgrade Support
 - Secure remote Browser access (to 128-bit SSL)
 - Event Notification via eMail
 - Language Support - English, Japanese
-



Service and Support

HPE Pointnext - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services** focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

HPE GreenLake Management Services provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Recommended Services

HPE Pointnext Tech Care.

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward.

HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2 hour response time. Essential which provides a 15 minute response time 24x7 for most enterprise level customers, and Critical which includes a 6 hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/completecure>



Service and Support

Other related Services

HPE Server Hardware Installation

Provides for the basic hardware installation of HPE branded servers, storage devices and networking options to assist you in bringing your new hardware into operation in a timely and professional manner.

<https://h20195.www2.hpe.com/v2/Getdocument.aspx?docname=5981-9356enw>

HPE Installation and Startup Service

Provides for the installation of your HPE hardware according to product specifications including options. The HPE service delivery technician will connect the product to a LAN as appropriate and enable remote support to allow for automatic case creation for hardware failures. Installation and start up services also includes the installation of one supported operating system type (Windows® or Linux).

DC for Hyperscale

Datacenter Care for Hyperscale is available for Service Providers and HPC customers who use a scale out approach to computing with a high volume homogenous infrastructure and resilient architecture can take advantage of this environment support tailored to their operating model.

HPE Factory Express for Servers and storage

HPE Factory Express offers configuration, customization, integration and deployment services for HPE servers and storage products. Customers can choose how their factory solutions are built, tested, integrated, shipped and deployed.

Factory Express offers service packages for simple configuration, racking, installation, complex configuration and design services as well as individual factory services, such as image loading, asset tagging, and custom packaging. HPE products supported through Factory Express include a wide array of servers and storage: HPE Integrity, HPE ProLiant, HPE Apollo, HPE ProLiant Server Blades, HPE BladeSystem, HPE 9000 servers as well as the MSAXxxx3PAR suite, XP, rackable tape libraries and configurable network switches.

HPE Service Credits

HPE Service Credits offers flexible services and technical skills to meet your changing IT demands. With a menu of service that is tailored to suit your needs, you get additional resources and specialist skills to help you maintain peak performance of your IT. Offered as annual credits, you can plan your budgets while proactively responding to your dynamic business.

HPE Education Services

Keep your IT staff trained making sure they have the right skills to deliver on your business outcomes. Book on a class today and learn how to get the most from your technology investment. <http://www.hpe.com/ww/learn>



Service and Support

HPE Support Center

The HPE Support Center is a personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with HPE experts, access support resources or collaborate with peers.

Learn more <http://www.hpe.com/support/hpesc>.

The HPE Support Center Mobile App* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

HPE Insight Remote Support and HPE Support Center are available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

Notes: *HPE Support Center Mobile App is subject to local availability.

For more information: <http://www.hpe.com/services>.

Warranty and Support Services will extend to include HPE options configured with your server or storage device. The price of support service is not impacted by configuration details. HPE sourced options that are compatible with your product will be covered under your server support at the same level of coverage allowing you to upgrade freely. Installation for HPE options is available as needed. To keep support costs low for everyone, some high value options will require additional support. Additional support is only required on select high value workload accelerators, fibre switches, InfiniBand and UPS batteries over 12KVA. See the specific high value options that require additional support [here](#).



Technical Specifications

Supported Operating Systems

Similar to hardware support, HPE Power Protector is designed to support a wide array of operating systems, spanning Microsoft Windows, Linux, UNIX, and virtual platforms.

Microsoft Windows						
Operating system HPPP (Client & Admin)		Service Pack	Platform	HPPP		HPNMC
				Admin	Client	NMC
Windows Server 2019	Standard, Data Center, Essentials, Core			Tested	Tested	Tested
Windows Server 2016	Standard, Data Center, Essentials, Core			Tested	Tested	Tested
Windows Server 2012 R2	Standard, Data Center, Essentials, Foundation, Core	R2	x86, x64	Tested	Tested	Tested
Windows Server 2012	Standard, Data Center, Essentials, Foundation, Core		x64	Supported	Supported	Supported
Windows Server 2008 R2	Standard, Data Center, Core	R2	x64, IA64	Tested	Tested	Tested
Windows Server 2008	Standard, Data Center, Core		x86, x64, IA64	Supported	Supported	Supported
Windows Server 2003 R2	Standard, Data Center, Core			Not supported	Not supported	Not supported
Windows 10 20H2	Enterprise, Pro			Tested	Tested	Tested
Windows 10 SP1	Enterprise, Pro	SP1	x64	Tested	Tested	Tested
Windows 8.1	Enterprise, Pro		x64	Supported	Supported	Supported
Windows 8	Enterprise, Pro		x86, x64	Supported	Supported	Supported
Windows 7	Professional, Ultimate, Standard	SP1	x86, x64	Tested	Tested	Tested
Windows Storage Server 2012 R2	Essentials			Supported	Supported	Supported
Windows Storage Server 2016	Standard			Supported	Supported	Supported



Technical Specifications

Linux						
Operating system HPPP (Client & Admin)		Service Pack	Platform	HPPP		HPNMC
				Admin	Client	NMC
Red Hat Enterprise Linux	8.4		x86, x64	Tested	Tested	Tested
	8.3		x86, x64	Tested	Tested	Tested
	8.2		x86, x64	Tested	Tested	Tested
	8.1		x86, x64	Tested	Tested	Tested
	8		x86, x64	Supported	Supported	Supported
	7.9		x86, x64	Tested	Tested	Tested
	7.8		x86, x64	Not supported	Not supported	Not supported
	7.7		x86, x64	Tested	Tested	Tested
	7.6		x86, x64	Supported	Supported	Supported
	7.4		x86, x64	Supported	Supported	Supported
	7.3		x86, x64	Supported	Supported	Supported
	6.7		x86, x64	Supported	Supported	Supported
	6.6		x86, x64	Supported	Supported	Supported
	5.x		x86, x64	Not supported	Not supported	Not supported

Operating system HPPP (Client & Admin)		Service Pack	Platform	HPPP		HPNMC
				Admin	Client	NMC
SUSE Linux Enterprise Server/Novel	Fedora core 15		x86, x64	Not supported	Not supported	Not supported
	Fedora core 14		x86, x64	Not supported	Not supported	Not supported
SUSE Linux Enterprise Server/Novel	SUSE Linux Enterprise Server 15	SP1	x86, x64	Tested	Tested	Tested
	SUSE Linux Enterprise Server 15					
	SUSE Linux Enterprise Server 12	SP4	x86, x64, IA64	Tested	Tested	Tested
	SUSE Linux Enterprise Server 12	SP3	x86, x64, IA64	Supported	Supported	Supported
	SUSE Linux Enterprise Server 11	SP3	x86, x64, IA64	Supported	Supported	Supported
	Debian 10 & 9.13			Tested	Tested	Tested
	OpenSuse 13.0		x86, x64	Not supported	Not supported	Not supported
Ubuntu	20.04	LTS	IA64	Tested	Tested	Tested
ClearOS Linux	Home 7.5			Supported	Supported	Supported
	Home 7.4			Supported	Supported	Supported
	Business 7.5			Supported	Supported	Supported
	Business 7.4			Supported	Supported	Supported



Technical Specifications

Virtual environments							
Operating system HPPP (Client & Admin)		Service Pack	Platform	HPPP		HPNMC	
				Admin	Client	NMC	
VMware	ESXi 6.7		X86, IA64	n/a	Tested	Tested	
	ESXi 6.5		X86, IA64	n/a	Tested	Tested	
	ESXi 6.0		X86, IA64	n/a	Tested	Tested	
Microsoft	Windows Hyper-V Server 2019			n/a	Tested	Tested	
	Windows Hyper-V Server 2016			n/a	Tested	Tested	
	Windows Hyper-V Server 2012 R2		R2		n/a	Supported	Supported
	Windows Hyper-V Server 2008 R2		R2	X86, IA64	n/a	Supported	Supported
KVM	KVM 17 Linux 2.6.21 kernel			Not Supported	Not Supported	Not Supported	

For x86-64 and IA-64 architectures and on Microsoft Windows systems and HP-UX for IA-64, HPE Power Protector will work in 32-bit compatibility mode. This implies that no native ports for these architectures will be made for these systems; the only exception is for components that strictly require native ports, such as device drivers.

Environment-friendly Products and Approach End-of-life Management and Recycling

Hewlett Packard Enterprise offers end-of-life **product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the **Hewlett Packard Enterprise web site**. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.



Summary of Changes

Date	Version History	Action	Description of Change
04-Oct-2021	Version 11	Changed	Service and Support Section was updated
02-Aug-2021	Version 10	Changed	Service and Support Section was added
01-Mar-2021	Version 9	Changed	OS support table updated
15-Apr-2019	Version 8	Changed	Technical Specifications Section was updated
11-Dec-2015	Version 7	Changed	Operating System chart was revised in Technical Specifications.
01-Feb-2013	Version 6	Changed	Updated VMware in the Technical Specifications section.
19-Nov-2012	Version 5	Changed	Updated the Operating Systems chart.
06-Jun-2012	Version 4	Changed	Operating System chart was revised in Technical Specifications.
01-Sep-2011	Version 3	Changed	Operating System chart was revised in Technical Specifications.
01-Jul-2011	Version 2	Changed	Changes were made in the Technical Specifications section.



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