

# PowerChute™ Network Shutdown Software

Intelligent power protection for your hyperconverged and virtual infrastructure

## Pre-deployment checklist for PowerChute™ Network Shutdown

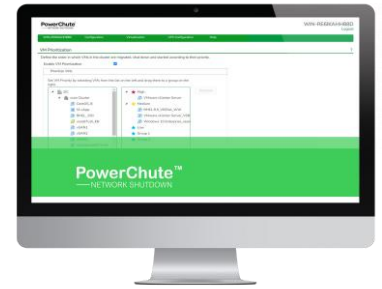
### Supporting PowerChute Documentation:

Please see the following documents [here](#):

- Installation Guide.
- User Guides (VMware, Nutanix, Hyper-V/SCVMM, Standard).
- Release Notes.

### General Software/Hardware Requirements:

- A supported operating system and web browser per the [OS Compatibility Chart](#).
- The correct number of [PowerChute licenses](#) for your virtual infrastructure.



SKU	SKU Description
SWPCNS1Y-DIGI	PowerChute Network Shutdown for Virtualization and HCI, 1 year license
SWPCNS3Y-DIGI	PowerChute Network Shutdown for Virtualization and HCI, 3 year license
SWPCNS5Y-DIGI	PowerChute Network Shutdown for Virtualization and HCI, 5 year license
SWPCNS6Y-DIGI	PowerChute Network Shutdown for Virtualization and HCI, 6 year license

- A UPS with a Network Management Card

NMC Platform*	Embedded or pre-installed	Firmware
NMC3	Embedded in Smart-UPS or installed AP9640 / AP9641 / AP9643	v2.2 or higher
NMC2	Embedded in UPS or installed AP9630 / AP9631 / AP9635	5.0.3 or higher
NMC4	Embedded in Galaxy VL or VS or installed AP9644	4.28.1 or higher

\* The [OS Compatibility Chart](#) lists the NMC firmware requirements for other UPS models

- Network Management card(s) connected to the network and IP address of the card(s) is known.
- PowerChute HTTPS access is enabled on NMC and Username/Authentication Phrase have been configured.
- NMC SSL Certificate with a valid CN value is present – see [FAQ000259214](#).
- Firewall – PowerChute connects outbound to the NMC on TCP port 443 or 80 and receives packets inbound to UDP port 3052.
- Administrator or root privileges are required to run the installer.
- A static IP address is recommended for PowerChute machine/Virtual Appliance (Gateway IP/Subnet Mask/DNS Server IP).
- All hostnames must be resolvable. If DNS is not available, then entries should be added to the etc/hosts file.

# Pre-deployment requirements by environment

## VMware Requirements:

- IP Address/Hostname for vCenter Server or ESXi Host.
- User account with administrator privileges to connect to vCenter Server or the ESXi host.
- Shared Local or ActiveDirectory account configured on the individual ESXi hosts being protected by PowerChute to cater for scenarios where vCenter Server is unavailable. See the VMware User Guide.

## VxRail Requirements:

- IP Address/Hostname for the vCenter Server.
- User account with administrator privileges to connect to vCenter Server.
- IP Address for VxRail Manager.
- Network Management Card with Supported Firmware for VxRail integration.
- Please refer to the [OS Compatibility Chart](#) for the supported NMC 3 firmware version required.

## Nutanix AHV Requirements:

- IP Address for CVM/Cluster.
- Password for “nutanix” CVM user account.
- Root password for AHV hosts if different to Nutanix user password.
- Separate physical machine outside the Nutanix cluster to install PowerChute.

## Nutanix ESXi Requirements:

- IP Address/Hostname for vCenter Server.
- User account with administrator privileges to connect to vCenter Server.
- IP Address for CVM/Cluster.
- Password for “nutanix” CVM user account.
- Shared Local or ActiveDirectory account configured on the individual ESXi hosts being protected by PowerChute to cater for scenarios where vCenter Server is unavailable. See the VMware User Guide.
- Separate physical machine outside cluster to install PowerChute.

## HPE SimpliVity Requirements:

- IP Address/Hostname for vCenter Server.
- User account with administrator privileges to connect to vCenter Server.
- Password for svtcli user account.
- Shared Local or ActiveDirectory account configured on the individual ESXi hosts being protected by PowerChute to cater for scenarios where vCenter Server is unavailable. See the VMware User Guide.

## Cisco HyperFlex Requirements:

- IP Address/Hostname for vCenter Server.
- User account with administrator privileges to connect to vCenter Server.
- HyperFlex Cluster IP Address and User Credentials.
- Shared Local or ActiveDirectory account configured on the individual ESXi hosts being protected by PowerChute to cater for scenarios where vCenter Server is unavailable. See the VMware User Guide.

## SCVMM Requirements:

- IP Address/Hostname for SCVMM Server.

For more information please visit:  
[www.apc.com/pcns](http://www.apc.com/pcns)