

How do you install PowerChute Network Shutdown on Microsoft Windows OS?

First, download PowerChute from SE.com.

<https://www.se.com/us/en/product-range/61933-powerchute-network-shutdown/>

From the SE PowerChute web page, select "See software."

PowerChute Network Shutdown

Reliable network-based shutdown of multiple servers.

Industry-leading power protection for your hyperconverged and virtual infrastructure. [Learn more](#)

Buy Online

See software



Contact support



Next, select PowerChute Network Shutdown for Windows x64.

Note the Windows (No license required) and the "PowerChute Network Shutdown for Virtual and Hyperconverged infrastructure (License required) installers are the same.

After downloading the software, navigate to the folder where the file was downloaded and uncompress pcns510win-x86-64.zip.

Name

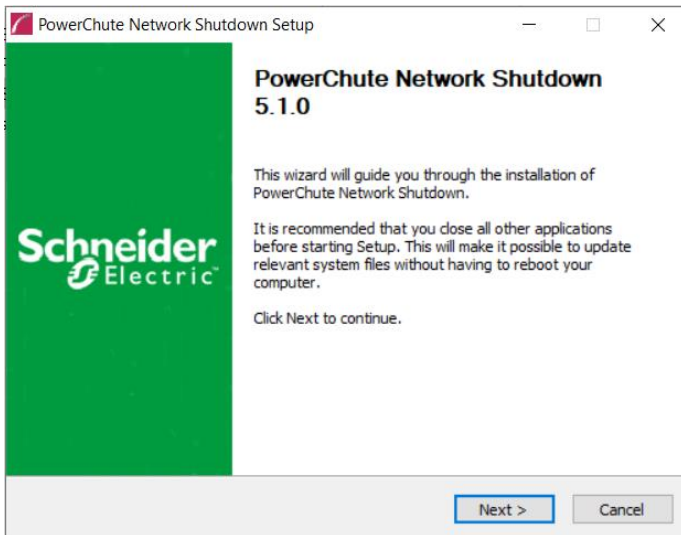
✓ Today (1)

pcns510win-x86-64

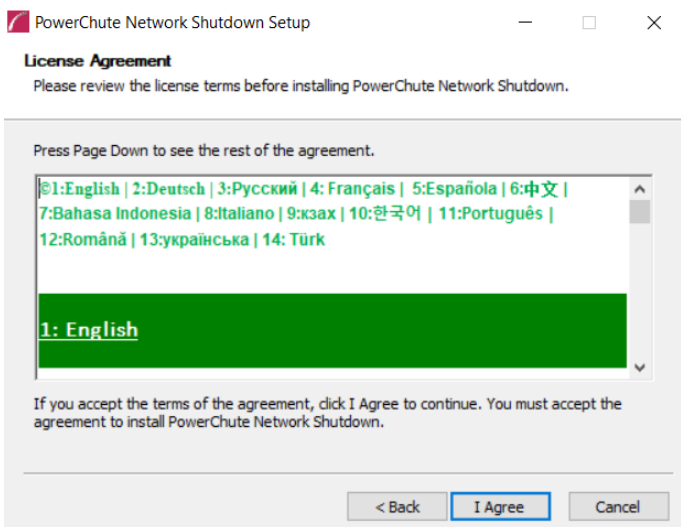
Next, open the pcns510win-x86-64 folder and double-click on Setup-x64.

Name	Type
EULA	File folder
Setup-x64	Application
silentInstall	Configuration settings

Click Next to continue.

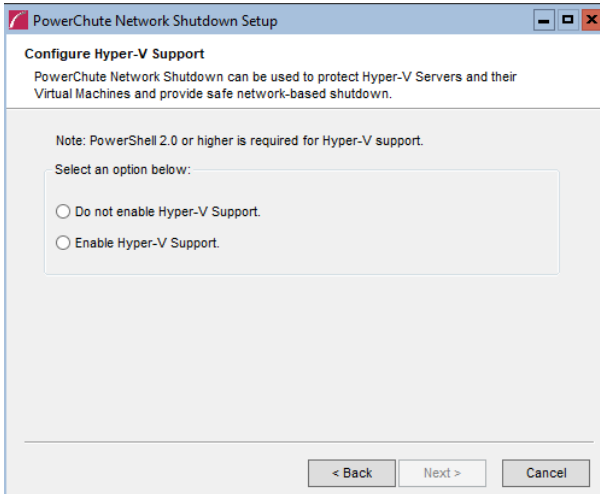


Next, click, I agree to the license agreement.



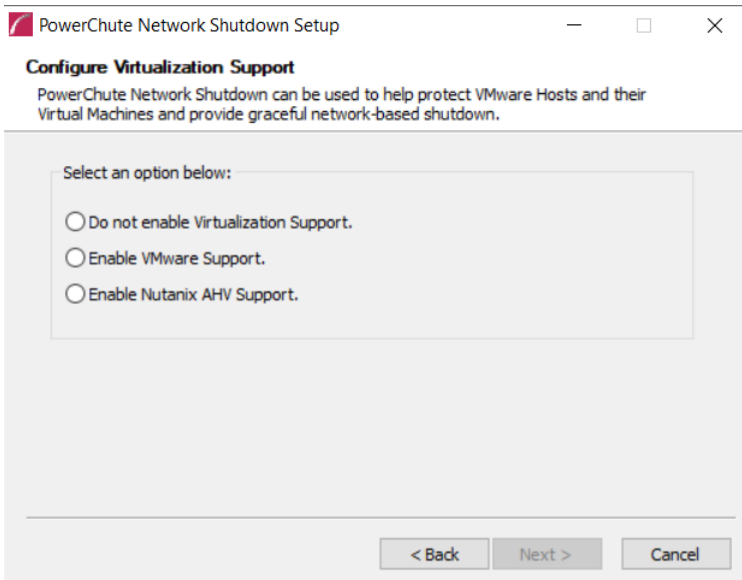
Next, you will be given options depending on whether Hyper-V service has been enabled.

If the installer has detected Hyper-V, you will see.

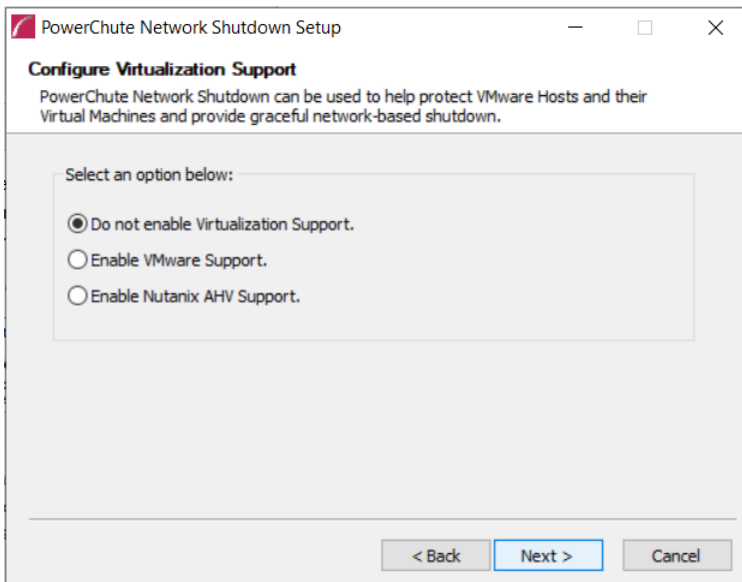


If you select “Enable Hyper-V Support,” a license will be required. If you choose “Do not enable Hyper-V Support,” no license will be required. If the system has Hyper-V enabled and you do not require the PowerChute Hyper-V features, see Schneider Electric [FAQ000265266](https://www.se.com/na/faqs/faq000265266) “How to install and configure the unlicensed version of PowerChute Network Shutdown on Hyper-V Server.”

If Hyper-V is not detected, you will see.



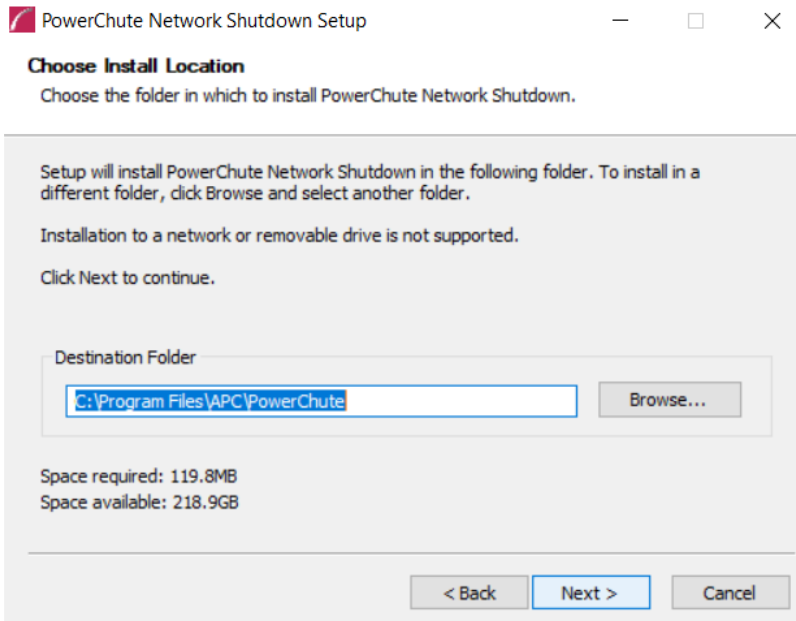
For a standard Windows installation, select “Do not enable Virtualization Support.” Click Next.



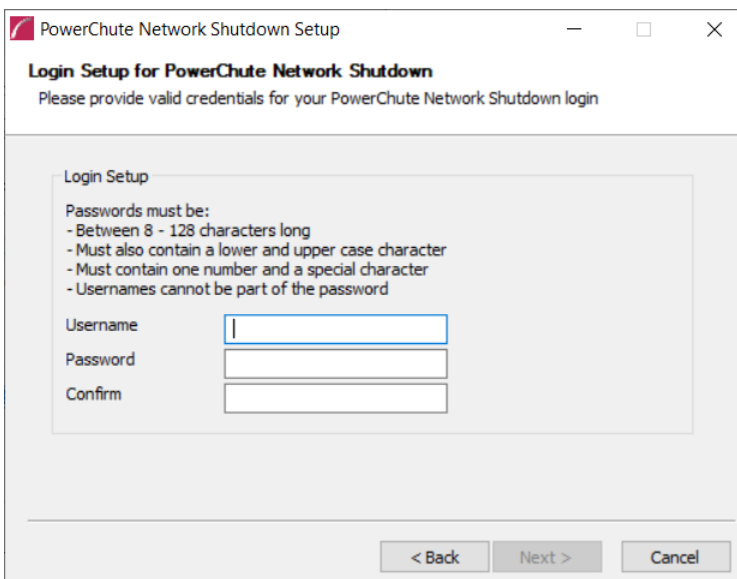
For assistance with VMware, see our YouTube video. <https://www.youtube.com/watch?v=JzsDuV3oMxc>

For assistance with Nutanix AHV, see our YouTube video <https://www.youtube.com/watch?v=zaNHYkQaJEY>

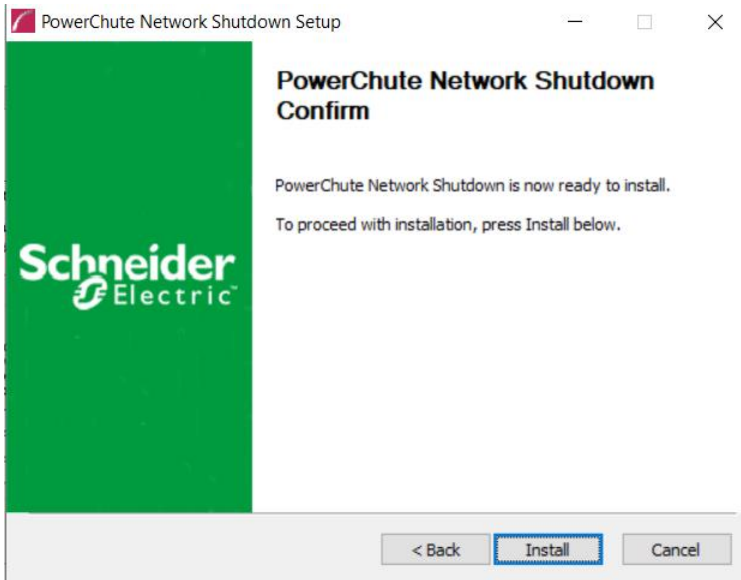
Next, you will be asked to enter the folder into which PowerChute will be installed. We recommend installing it to the default path and clicking Next.



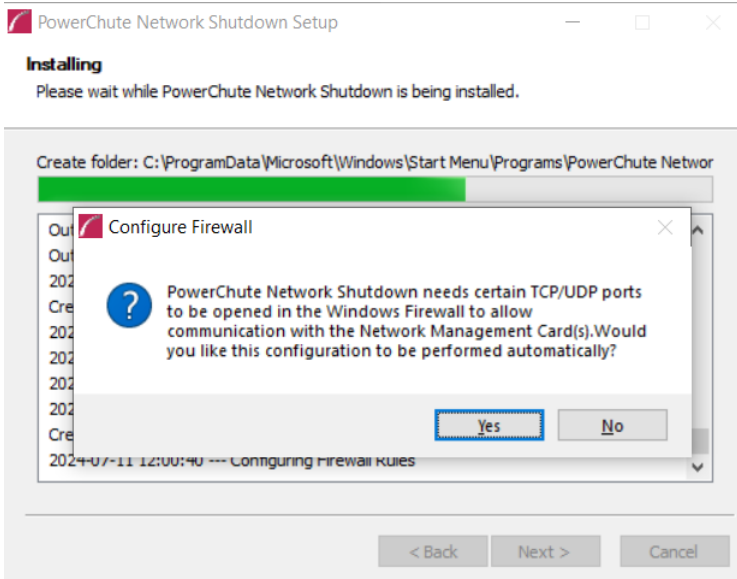
Note: The username must match the username entered under the PowerChute parameters on the Network Management Card to allow PowerChute to communicate with the UPS. See Schneider Electric [FAQ000266909](#) for assistance setting the PowerChute Parameters on the Network Management Card.



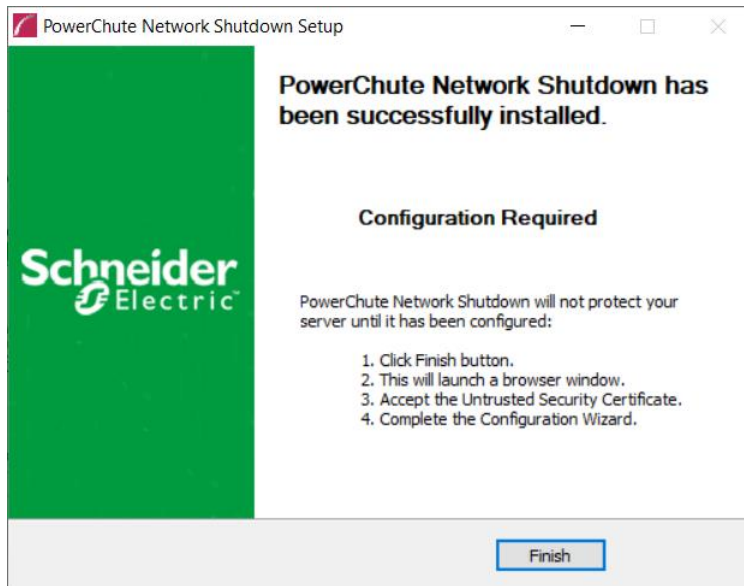
Click Install



Click Yes to allow the installer to open the required ports. If the ports are not opened, you cannot access the PowerChute web UI, and PowerChute will not communicate with the UPS.



Click Finish.



Next, your default web browser will launch, and you may see a warning that the connection is not private. This is because the web browser does not recognize the PowerChute security certificate. You can add the PowerChute security certificate to the browser or exchange the certificate with one that a valid certificate authority has signed. See Schneider Electric FAQ [FA176886](#) for assistance with replacing the certificate.

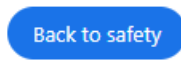
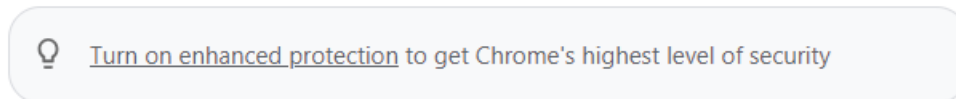
To use the PowerChute self-signed certificate, click Advanced.



Your connection is not private

Attackers might be trying to steal your information from **wtuslvse3192021** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID




Next, click "Proceed to."



Your connection is not private

Attackers might be trying to steal your information from **wtuslvse319202l** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

 Turn on enhanced protection to get Chrome's highest level of security

Hide advanced

Back to safety

This server could not prove that it is **wtuslvse319202l**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

Proceed to wtuslvse319202l (unsafe) 

Next, log in with the credentials entered earlier.



PowerChute Network Shutdown

User name

PCNSadmin

Password

Log on

Reset

Click Next on the Welcome page.

PowerChute Setup: Welcome

?

Configure PowerChute Network Shutdown.

PowerChute Network Shutdown must be configured with the details of the Network Management Card(s) in the UPS(s) providing power. PowerChute cannot monitor the UPS(s) for critical events until this setup has been completed.

Previous

Next

Cancel

Next, you will be asked to join the customer experience improvement program.

Note: you can click on the ? (Question Mark) In the upper right of the web page, find information concerning each setting.

PowerChute Setup: Customer Experience Improvement Program



Configure PowerChutes Customer Experience Improvement Program

PowerChute's Customer Experience Improvement Program ("CEIP") provides us with the information that enables us to improve our product and services, and helps us to advise you on how best to deploy and configure PowerChute.

As part of the CEIP, we will collect certain information about how you configure and use PowerChute Network Shutdown in your environment. This information is completely anonymous, and cannot be used to personally identify any individual. For more information, please refer to our [CEIP Frequently Asked Questions](#)

If you prefer not to participate in the PowerChute CEIP please uncheck the box below. You can join or leave the CEIP at any time.

Join PowerChute Customer Experience Improvement Program ("CEIP")

Previous

Next

Cancel

Next, configure the network.

PowerChute Setup: Network Configuration



Please select your network configuration.

- IPv4
- IPv6

Previous

Next

Cancel

If the system has multiple IP addresses, you will be asked to select one from the dropdown menu and then click Next.

PowerChute Setup: Select IP Address



This computer has multiple IP addresses. Only one IP address can be registered with the Network Management Card.

IP Address Please choose one

Previous


Next

Cancel


This computer has multiple IP addresses. Only one IP address can be registered with the Network Management Card.

IP Address

Previous Next Cancel

Next, select the UPS configuration. The options are Single, Redundant, Parallel, and Advanced. Click on the  icon for information concerning each option.

Please select your UPS configuration. Click on the information icon for more detail.

- Single 
- Redundant 
- Parallel 
- Advanced 

Previous Next Cancel

Next, enter the Username, password, and Authentication phrase that will be used to log into the Network card and the PowerChute web UI. The username and password will be the ones assigned earlier. For more information about the username, password, and authentication phrase see Schneider Electric [FAQ000266910](#) "What are the PowerChute Network Shutdown Username, Password, and Authentication Phrase requirements."

These details will be used for logging into PowerChute and for authentication with the Network Management Card.

User Name This must match the Network Management Card user name.

Password

Authentication Phrase

Previous Next Cancel

These details will be used for logging into PowerChute and for authentication with the Network Management Card.

User Name PCNSadmin

Password

This need not match the Network Management Card password.

Authentication Phrase PowerChute User Phrase

Previous

Next

Cancel

These details will be used for logging into PowerChute and for authentication with the Network Management Card.

User Name PCNSadmin

Password

Authentication Phrase PowerChute User Phrase

This must match the Network Management Card PowerChute Authentication Phrase.

Previous

Next

Cancel

To see the assigned Network Management Card PowerChute client Username, log into the network card and go to Configuration> Shutdown. At the bottom of the page, you will see the PowerChute Parameters.



UPS Network Management Card 3
Smart-UPS Application



- Home
- Status
- Control
- Configuration
- Tests
- Logs
- About

Home

Model

Smart-UPS 1000

No Alarms Present

- UPS is Online in Green Mode.

Recent Device Events

Date	Time
05/02/2024	16:09:33
05/02/2024	16:09:04
04/26/2024	14:38:16
04/26/2024	14:37:56
04/26/2024	13:33:26

Outlet Groups

Power Settings

Shutdown

UPS

Self-Test Schedule

Scheduling

Firmware Update

PowerChute Clients

Security

Network

Notification

General

Logs

CEIP

Location

Unknown

by automatic timer.

al network management interface-to-UPS communication.

al network management interface-to-UPS communication.

al network management interface-to-UPS communication.

PowerChute Shutdown Parameters

Maximum Required Delay

Force negotiation

On-Battery Shutdown Behavior

Restart when power is restored

Turn off and stay off

Ignore PCNS shutdown commands

User Name

Authentication Phrase

PCNS Communication Protocols

HTTP

Enable

HTTPS

Enable

NOTE: To allow a connection, you must enable HTTP or HTTPS within the parameters. See Schneider Electric [FAQ000266909](#) for assistance with the PowerChute parameters.

Enter the Network Management Card IP address and set the port. Port 443 is set by default, and we recommend using port 443 SSL.

PowerChute Setup: UPS Details ?

Protocol

Port

IP Address

Accept the settings and click Apply.

PowerChute Setup: Confirm settings ?

Please confirm that the Network Management Card details below are correct.

Username:	PCNSadmin
Password:	*****
Authentication Phrase:	*****
PowerChute IP:	192.168.0.165
UPS Configuration:	Single
Network Management Card IP:	192.168.0.128
Network Management Card Protocol:	https
Network Management Card Port:	443

You may see the error “Connection error because PowerChute received an untrusted SSL certificate.”

To correct this, select Fix Issue.

PowerChute Setup: Network Management Card Registration

Please wait while PowerChute registers with the Network Management Card(s). This may take a few minutes.

Error registering with the Network Management Card(s).



192.168.0.128

Connection error because PowerChute received an untrusted SSL certificate from <https://192.168.0.128:443>. Please add the certificate to the PowerChute keystore. [More information.](#)

Show Log

Fix Issues

Next

Cancel

Next, select Verify the Certificate.

Select Accept

PowerChute Setup: Certificate Management

?

Network Management Card connections cannot be established with untrusted certificates. Use the table below to verify the certificate details.

Alias	Expiry Date	Verify Certificate
192.168.0.128	2029-04-25T18:30:28Z	 

Previous

Next

Cancel

Select Accept Certificate.

Untrusted Certificate



For the security of communications between PowerChute and the host, please ensure the certificate presented is accurate and correct. Accepting the certificate permits PowerChute to establish a connection with this host.

Version 3
Subject CN=apc1C7398,OU=Secure Power,O=SE,C=US
Issuer E=admin@MuddyCove4.local,CN=MuddyCove4.local,OU=Secure Power,O=SE,L=Dighton,ST=Massachusetts,C=US
Serial Number 6ff66dba5f5a185eb180c9da315a4328efdb06cf
Valid From Fri Apr 26 2024 14:30:28 GMT-0400 (Eastern Daylight Time)
Valid To Wed Apr 25 2029 14:30:28 GMT-0400 (Eastern Daylight Time)
Public Key RSA 4398 bits
Signature Algorithm SHA256withRSA

Certificate Chain

  apc1C7398

Accept Certificate

Cancel

Click Next

PowerChute Setup: Certificate Management ?

Network Management Card connections cannot be established with untrusted certificates. Use the table below to verify the certificate details.

All certificates have been validated. Click Next to continue.

Previous

Next

Cancel

Click Next

PowerChute Setup: UPS Details ?

Protocol

Port

IP Address

Previous

Next

Cancel

Click Apply

PowerChute Setup: Confirm settings ?

Please confirm that the Network Management Card details below are correct.

Username:	PCNSadmin
Password:	*****
Authentication Phrase:	*****
PowerChute IP:	192.168.0.165
UPS Configuration:	Single
Network Management Card IP:	192.168.0.128
Network Management Card Protocol:	https
Network Management Card Port:	443

Previous

Apply

Cancel

Click Next

PowerChute Setup: Network Management Card Registration ?

Please wait while PowerChute registers with the Network Management Card(s). This may take a few minutes.

Registration with the Network Management Card(s) successful.

 **192.168.0.128**
Communications established.

Show Log

Fix Issues

Next

Cancel

Note: If the connection fails. See Schneider Electric [FAQ000264590](https://www.schneider-electric.com/faq/000264590) PowerChute Network Shutdown reports “Error registering with the Network Management Card.”

Next, if the UPS has switched outlet groups, select the outlet group the PowerChute server is connected to in the dropdown menu and click Apply.

PowerChute Setup: Select Outlet Group ?

Please select the UPS Outlet Group that the server is connected to.

✔ 192.168.0.128
Outlet Group: Outlet Group 1: On ▼

Previous

Apply

Cancel

PowerChute Setup: Outlet Group Registration ?

Please wait while PowerChute registers with the Outlet Group.

Outlet Group Registration successful.

✔ 192.168.0.128
Successfully registered with Outlet Group: Outlet Group 1.

Fix Issues

Next

Cancel

Next, you will be asked if you would like the UPS turned off or turn off the outlet group or do not turn off the UPS. We recommend turning off the UPS to allow the UPS to restart when AC is restored.

Reminder: Click on the ? (Question Mark) in the upper right of the page for information on these options.

PowerChute Setup: UPS Shutdown ?

Please select required UPS behavior after connected servers have been gracefully shut down.

- Do not turn off the UPS
- Turn off the UPS
- Turn off the UPS Outlet Group

Previous

Next

Cancel

Select Finish to complete the setup and enter the PowerChute UPS home page.

Click [here](#) for information on configuring shutdown events.

Automatically check for PowerChute update notifications.

Previous

Next

Finish



Home

Configuration

Virtualization

UPS Configuration

Help

Event Log

Delete Log File

Export Log

Display 20 events

Events 1 to 9 of 9

First

Previous

1

Date	Time	Event
05/03/2024	07:14:18	Communication has been established.
05/03/2024	06:02:32	Your 30-day Trial is activated
05/03/2024	05:48:56	PowerChute Network Shutdown version 5.1.0 monitoring started.
05/03/2024	05:48:56	PowerChute successfully accessed TCP port 6547.
05/03/2024	05:48:55	PowerChute successfully accessed UDP port 3052.
05/03/2024	05:48:55	PowerChute is attempting to access UDP port 3052.
05/03/2024	05:48:55	PowerChute is attempting to access TCP port 6547.
05/03/2024	05:48:55	ERROR: The ini contains an invalid value for localHostAddress in section Networking.
05/03/2024	05:48:55	PowerChute is unlicensed. Please apply a new license.