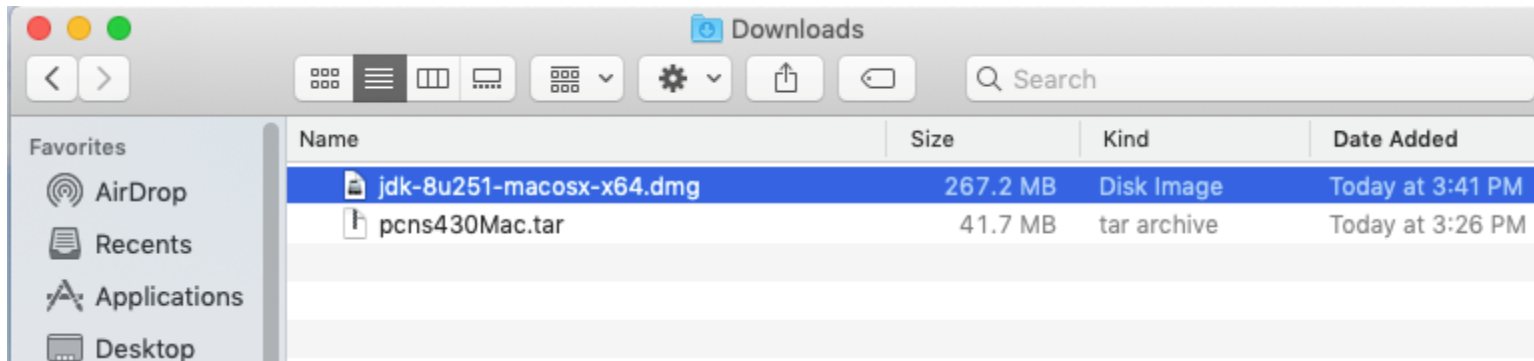
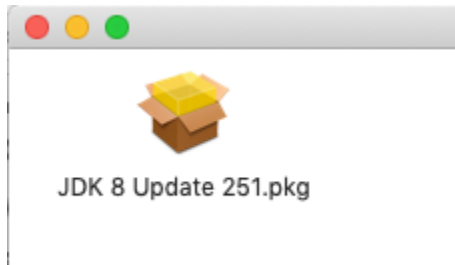


## How to install PowerChute Network Shutdown 4.3 on Mac OSX 10.14

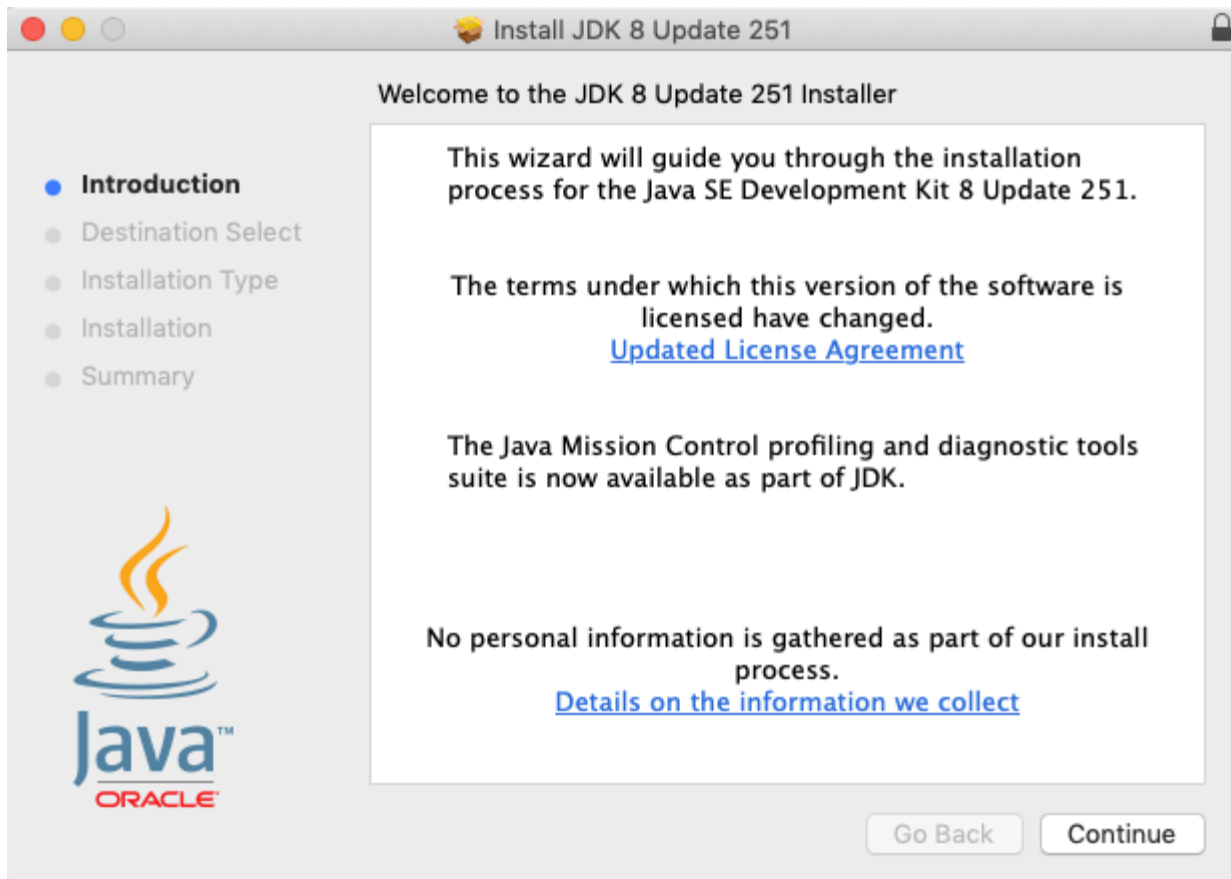
First download a compatible jdk from <https://www.oracle.com> and PowerChute Network Shutdown 4.3 from [apc.com](http://apc.com)



Double click on the jdk to uncompress

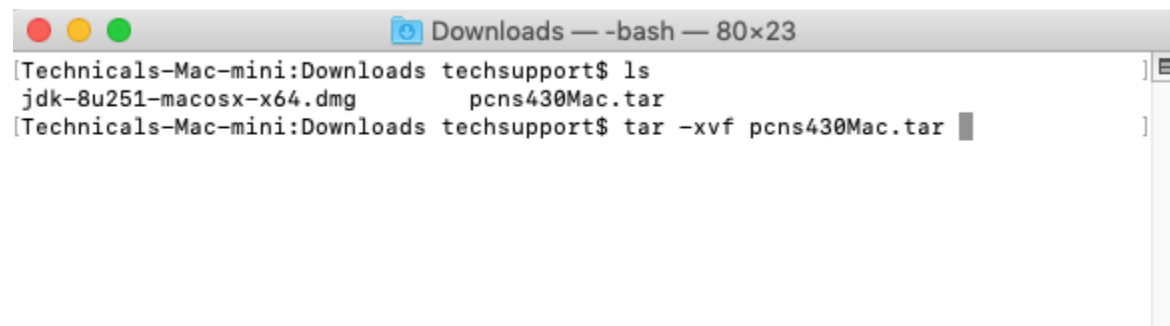


Double click the installer to install the jdk



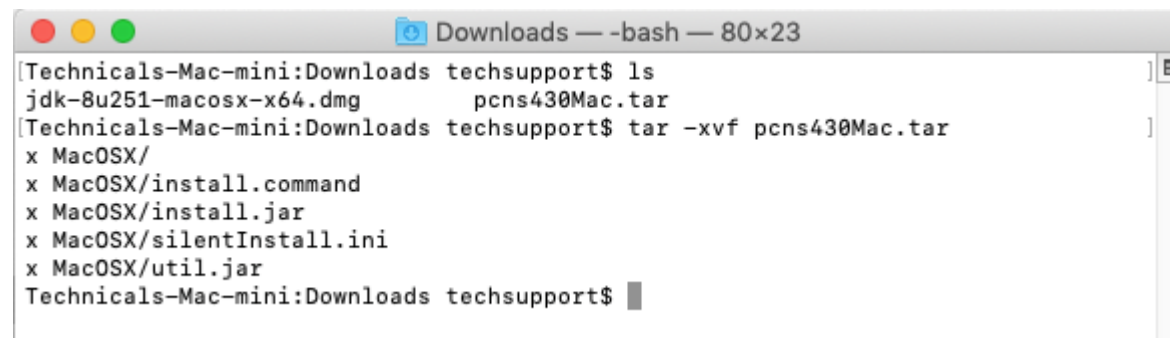
Next open a terminal session and go to the location PowerChute was downloaded to.

Then uncompress the PowerChute installer. The command is **tar -xvf pcns430Mac.tar**



```
Downloads — -bash — 80x23
[Technicals-Mac-mini:Downloads techsupport$ ls
jdk-8u251-macosx-x64.dmg      pcns430Mac.tar
[Technicals-Mac-mini:Downloads techsupport$ tar -xvf pcns430Mac.tar
```

The files and folder will uncompress.



```
Downloads — -bash — 80x23
[Technicals-Mac-mini:Downloads techsupport$ ls
jdk-8u251-macosx-x64.dmg      pcns430Mac.tar
[Technicals-Mac-mini:Downloads techsupport$ tar -xvf pcns430Mac.tar
x MacOSX/
x MacOSX/install.command
x MacOSX/install.jar
x MacOSX/silentInstall.ini
x MacOSX/util.jar
Technicals-Mac-mini:Downloads techsupport$
```

Next change directory to MacOSX

The command is **cd MacOSX**

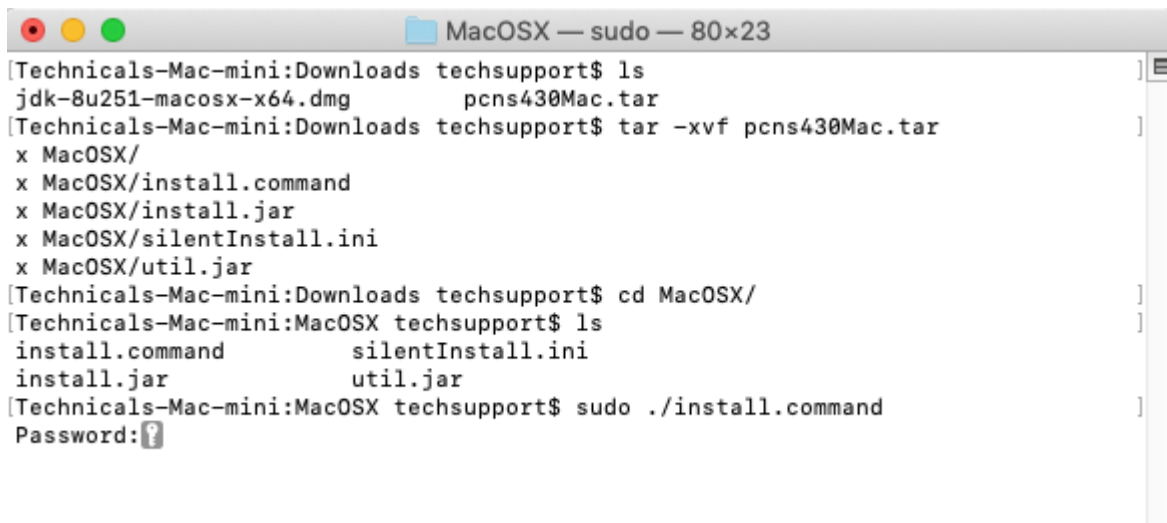
Once in the MacOSX directory install PowerChute.

The command is **sudo ./install.command** to install PowerChute



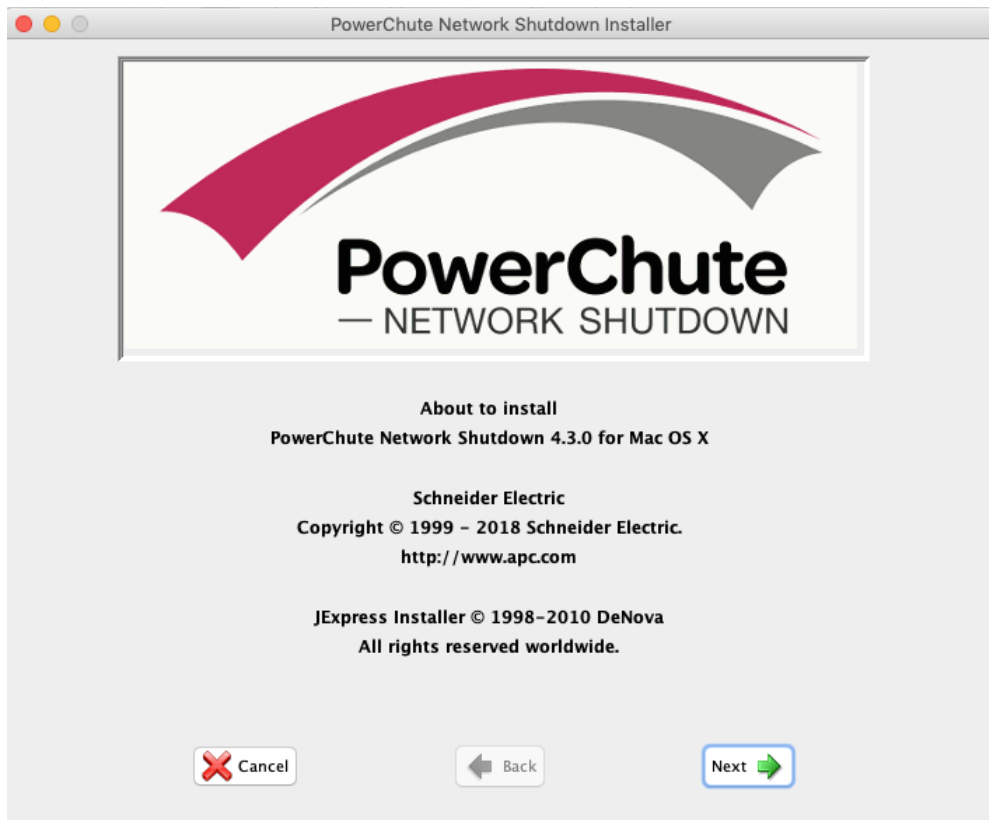
```
MacOSX — -bash — 80x23
[Technicals-Mac-mini:Downloads techsupport$ ls
jdk-8u251-macosx-x64.dmg      pcns430Mac.tar
[Technicals-Mac-mini:Downloads techsupport$ tar -xvf pcns430Mac.tar
x MacOSX/
x MacOSX/install.command
x MacOSX/install.jar
x MacOSX/silentInstall.ini
x MacOSX/util.jar
[Technicals-Mac-mini:Downloads techsupport$ cd MacOSX/
[Technicals-Mac-mini:MacOSX techsupport$ ls
install.command      silentInstall.ini
install.jar          util.jar
[Technicals-Mac-mini:MacOSX techsupport$ sudo ./install.command
```

You will be required to enter the user's password



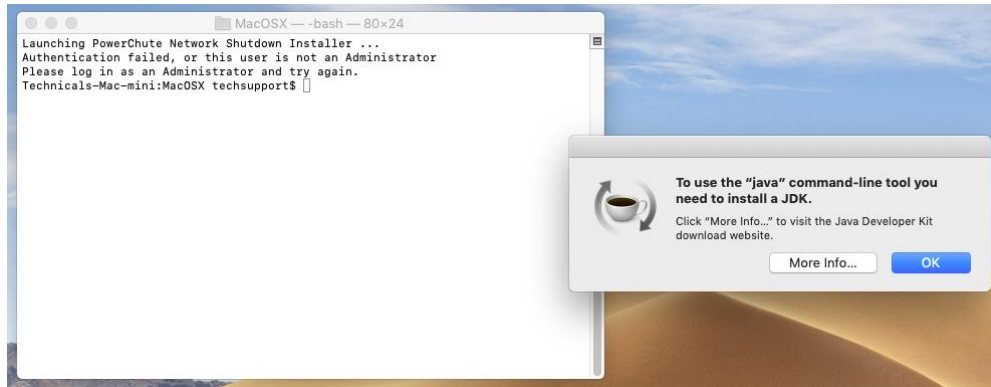
```
MacOSX — sudo — 80x23
[Technicals-Mac-mini:Downloads techsupport$ ls
jdk-8u251-macosx-x64.dmg      pcns430Mac.tar
[Technicals-Mac-mini:Downloads techsupport$ tar -xvf pcns430Mac.tar
x MacOSX/
x MacOSX/install.command
x MacOSX/install.jar
x MacOSX/silentInstall.ini
x MacOSX/util.jar
[Technicals-Mac-mini:Downloads techsupport$ cd MacOSX/
[Technicals-Mac-mini:MacOSX techsupport$ ls
install.command      silentInstall.ini
install.jar          util.jar
[Technicals-Mac-mini:MacOSX techsupport$ sudo ./install.command
Password:?
```

Once the password has been entered the installer will launch.

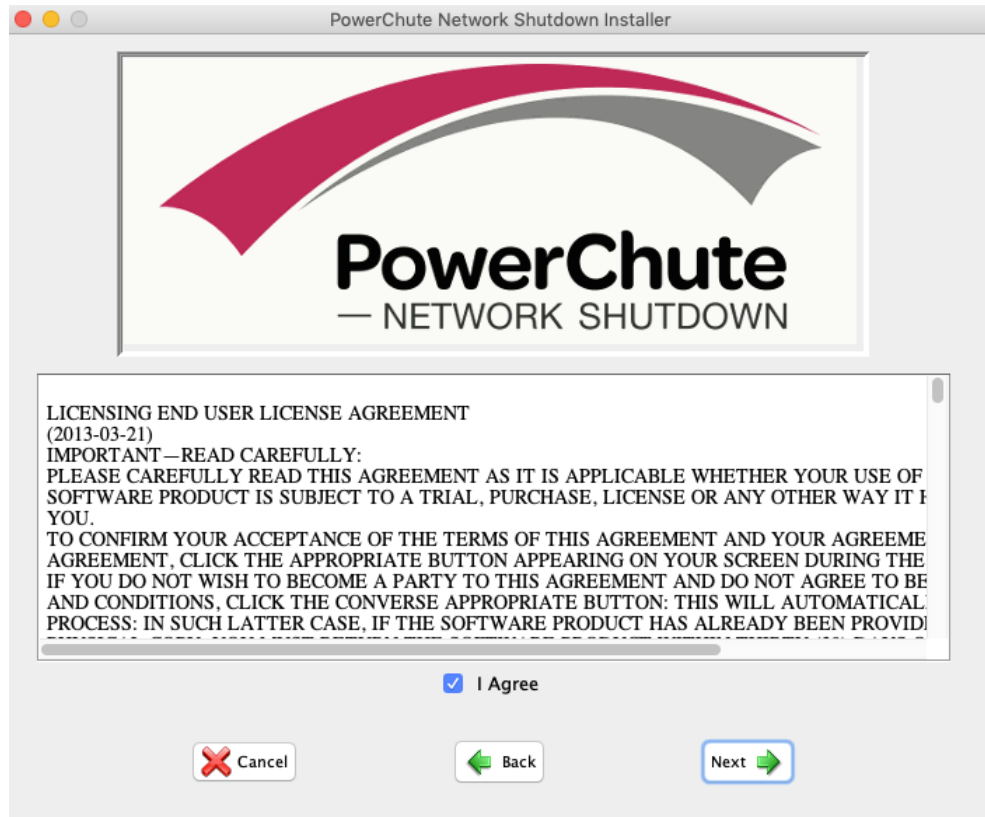


Click next to continue.

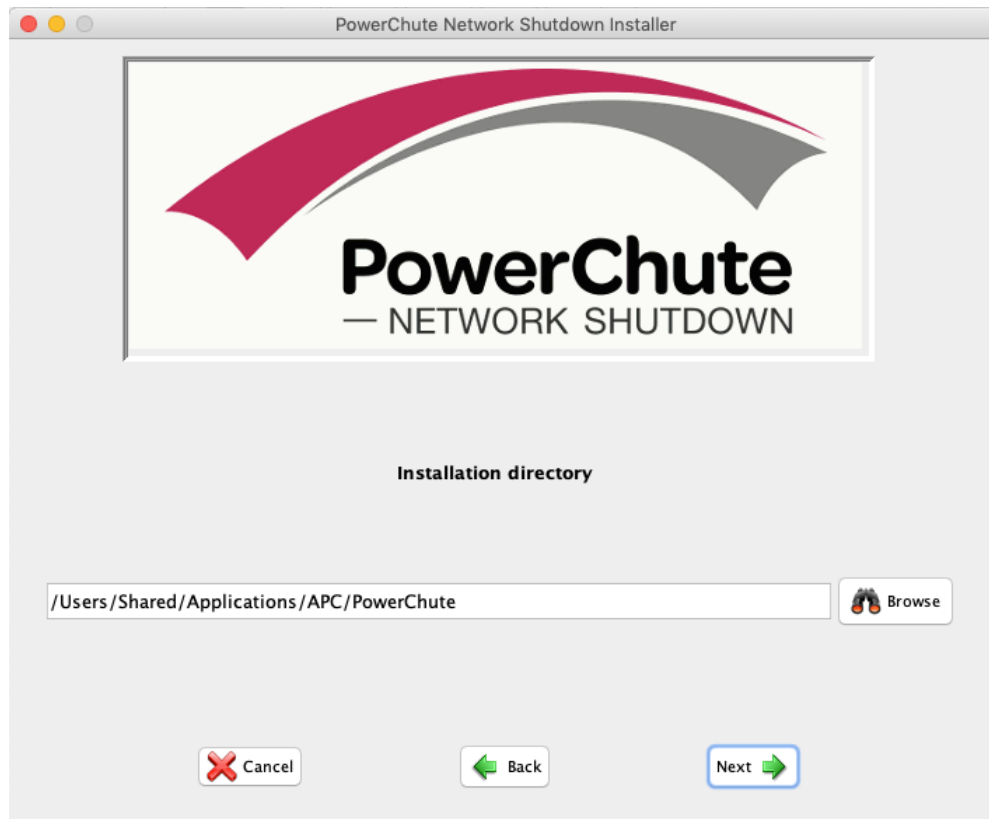
NOTE: If the installer fails to launch with the error “Authentication failed, or this user is not an Administrator” please see Schneider Electric [FAQ FA409391](#).



You will be asked to agree to the license agreement. Click I Agree and then click next to continue.



You will be asked where to install PowerChute to. The recommendation is to install to the default path.



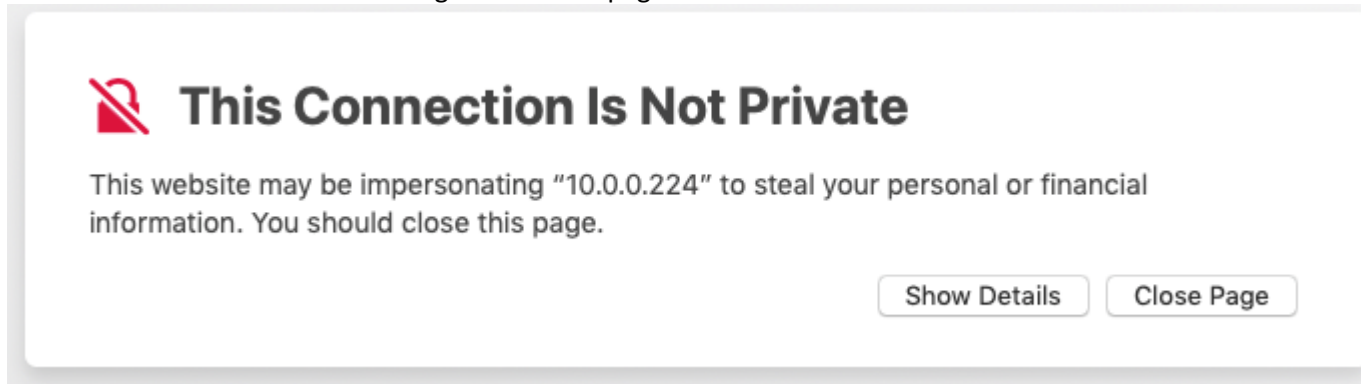
Click next to continue.



PowerChute will install and you will be asked to “Open PCNS in browser”. Opening PCNS in a browser will allow you to configure the application.

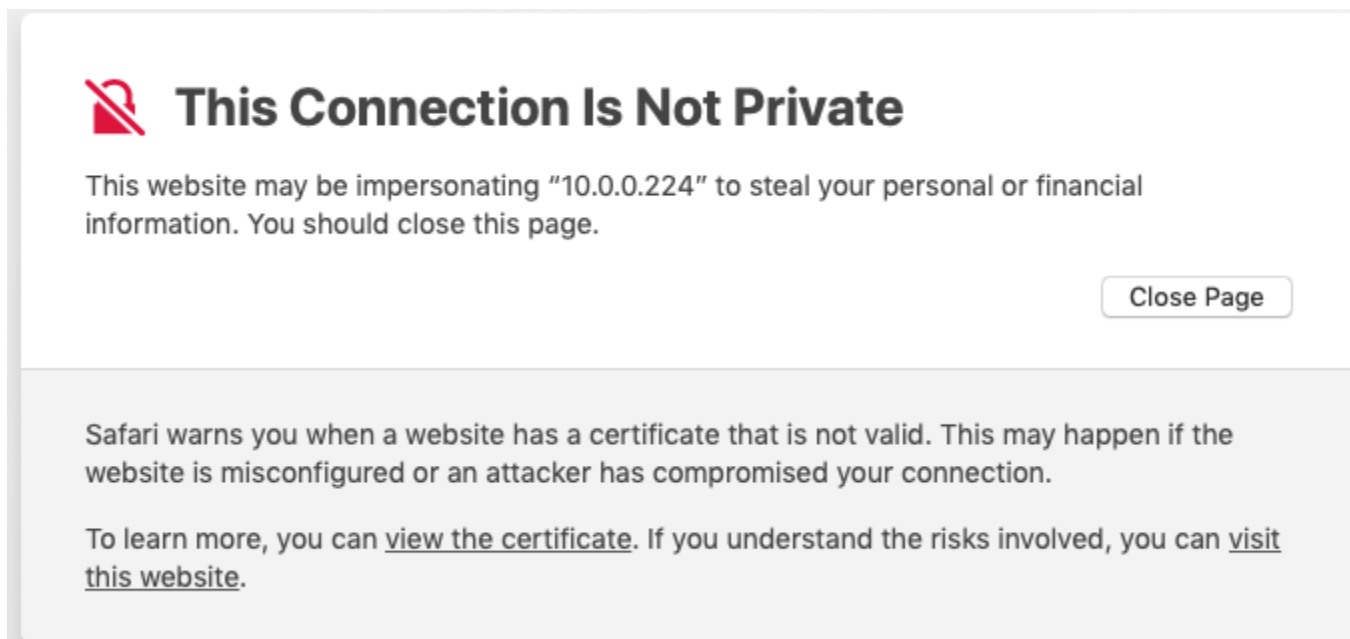


If the default browser is Safari you may see the warning “This connection is not safe”  
That is because Safari does not recognize the web page.



The screenshot shows a white dialog box with a red padlock icon with a diagonal slash. The title is "This Connection Is Not Private". Below the title, the text reads: "This website may be impersonating "10.0.0.224" to steal your personal or financial information. You should close this page." At the bottom right, there are two buttons: "Show Details" and "Close Page".

Click “Show Details”



The screenshot shows the same warning dialog box as above, but with the "Show Details" button clicked. The "Close Page" button is now the only one visible. Below the dialog box, a grey shaded area contains additional text: "Safari warns you when a website has a certificate that is not valid. This may happen if the website is misconfigured or an attacker has compromised your connection." followed by "To learn more, you can [view the certificate](#). If you understand the risks involved, you can [visit this website](#)."

Then click “Visit this website” to open the PowerChute web page.

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

When to PowerChute welcome page opens click Next to continue.

If your system has IPv4 and IPv6 you will be asked to select the network protocol and then click next to continue.

## PowerChute Setup: Network Configuration

---

?

Please select your network configuration.

- IPv4
- IPv6

---

Previous

Next





Cancel

NOTE: If your system has multiple NICs you will be asked to select the IP address you would like associated with PowerChute and then click next to continue.

## PowerChute Setup: UPS Configuration



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

- Single 
- Redundant 
- Parallel 
- Advanced 

Previous

Next

Cancel

Select the UPS configuration then click next.

NOTE: For information on the UPS configuration type hover the mouse over the green icon or click the question mark in the upper right.

## PowerChute Setup: Security

?

These details will be used for logging onto PowerChute

This must match the Network Management Card user name.

ard.

User Name

Password

Authentication Phrase

Previous

Next

Cancel

Enter the username that will be used to access the PowerChute UI. This user name must match the user set as the PowerChute User on the Network Management Card.

Enter the password that will be used to access the PowerChute UI. This password is unique to this PowerChute client.

Enter the authentication phrase PowerChute will use to communicate with the Network Management Card. The phrase must match the authentication phrase set as the PowerChute phrase on the Network Management Card.

- The maximum number of characters for the user name is 10.
- The authentication phrase must be 15 to 32 ASCII characters.
- The Username and Authentication Phrase are used to authenticate communications between PowerChute and the NMC. Therefore, you must set these values to be the same in both PowerChute and the NMC.

## PowerChute Setup: UPS Details

?

Protocol	<input type="text" value="http"/>
Port	<input type="text" value="80"/>
IP Address	<input type="text" value="10.0.0.200"/>

Previous

Next

Cancel

Select the communication protocol, port that will be used to communicate with the network management card.  
Enter the IP address of the network management card and click next.

## PowerChute Setup: Confirm settings

?

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

Username:	apc
Password:	*****
Authentication Phrase:	*****
PowerChute IP:	10.0.0.224
UPS Configuration:	Single
Network Management Card IP:	10.0.0.200
Network Management Card Protocol:	http
Network Management Card Port:	80

Previous

Apply

Cancel

You will be asked to confirm the setting by clicking Apply.



## 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.



**10.0.0.200**

Communications established.

Show Log

---

Fix Issues

Next

Cancel

PowerChute will confirm it can communicate with the network card and you should click next to continue.

If PowerChute cannot communicate with the card see Schneider Electric [FAQ FA159624](#)

## PowerChute Setup: Select Outlet Group

?

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



**10.0.0.200**

Outlet Group:

Outlet Group 1: On

Previous

Apply

Cancel

If the UPS PowerChute has been configured to communicate with has switchable outlets you will be asked to select an outlet group and then click apply.

- If your UPS supports outlet group's you must specify which one the server is being powered by so that PowerChute can monitor it for shutdown events and issue turn-off commands to that outlet group.

## PowerChute Setup: Outlet Group Registration

---



Please wait while PowerChute registers with the Outlet Group.

Outlet Group Registration successful.



**10.0.0.200**

Successfully registered with Outlet Group: Outlet Group 1.

---

Fix Issues

Next

Cancel

When PowerChute has registered with the outlet group click next to continue.

You will be asked to if you would like PowerChute to turn off the UPS. The default setting is Do not turn off the UPS. You can select Turn off the UPS if you want to preserve battery power. Some UPS's do not support UPS turnoff through PowerChute or the NMC. For these models, it can only be done at the UPS itself. Please check your UPS documentation to ensure your model supports UPS turnoff.

If your UPS has Switched Outlet Groups, then the Turn off the UPS Outlet Group option enables you to turn off the outlet group that supplies power to the PowerChute protected server after a critical event occurs.

## 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

Click next to continue.

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

Automatically check for PowerChute update notifications.


Previous

Next

Finish

The configuration has completed. From the page you can select click here for information on configuring shutdown events or click finish to open the PowerChute web interface.

When the PowerChute web interface opens you will see the event log. This is the default launch page.



**PowerChute™**  
— NETWORK SHUTDOWN

- ▼ Technicals-Mac-mini
  - View Event Log
  - Configure Events
  - Shutdown Settings
  - SSH Settings
  - SNMP Settings
  - Communications Settings
  - Check for Updates
  - PowerChute Setup
- ▶ UPS Configuration
- ▶ Help
- Logout

Latest Software Version Installed

## Technicals-Mac-mini

### Event Log



Delete Log File    Export Log

Display 20 events

Events 1 to 9 of 9    First Previous 1 Next Last

Date	Time	Event
06/16/2020	15:51:39	Communication established with Environmental Monitor.
06/16/2020	15:51:39	Communication has been established.
06/16/2020	15:48:45	PowerChute Network Shutdown version 4.3.0 monitoring started.
06/16/2020	15:48:36	PowerChute successfully opened TCP port 6547.
06/16/2020	15:48:36	PowerChute successfully opened TCP port 3052.
06/16/2020	15:48:35	PowerChute is attempting to open TCP port 3052.
06/16/2020	15:48:35	PowerChute is attempting to open TCP port 6547.
06/16/2020	15:48:34	PowerChute successfully opened UDP port 3052.
06/16/2020	15:48:34	PowerChute is attempting to open UDP port 3052.

To configure shut down event select Configure Events. For information on configuring events click on the question mark in the upper right of the web page.



## Technicals-Mac-mini

- ▼ Technicals-Mac-mini
  - View Event Log
  - Configure Events
  - Shutdown Settings
  - SSH Settings
  - SNMP Settings
  - Communications Settings
  - Check for Updates
  - PowerChute Setup
  - ▶ UPS Configuration
  - ▶ Help
  - Logout

### Configure Events ?

Click on an icon to configure a PowerChute event action in response to UPS events.

Events 1 to 24 of 24				
Events	Logging	Notification	Command File	Shutdown
UPS On Battery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Input Power Restored	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Runtime exceeded	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Runtime is sufficient	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Runtime remaining below threshold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Runtime remaining above threshold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Battery Discharged	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery Recharged	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Communication lost while on Battery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NMC cannot communicate with the UPS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PowerChute cannot communicate with the NMC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communication established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UPS Temperature Overheated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UPS Temperature Normal Again	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UPS Overloaded	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UPS Overload Corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

