How to upload - copy PowerChute Network Shutdown installation files to VMware VMA from a PC

Schneider Electric

First download the install files from APC.com to your PC.
http://www.apc.com/products/family/index.cfm?id=127

Now log into the vMA using a utility like PUTTY or using the VMware vSphere Client.

Note: If you need assistance installing and configuring vMA 5 please review Kbase FA159777 or review this VMware support video http://www.youtube.com/watch?v=J4KdUoToCxM
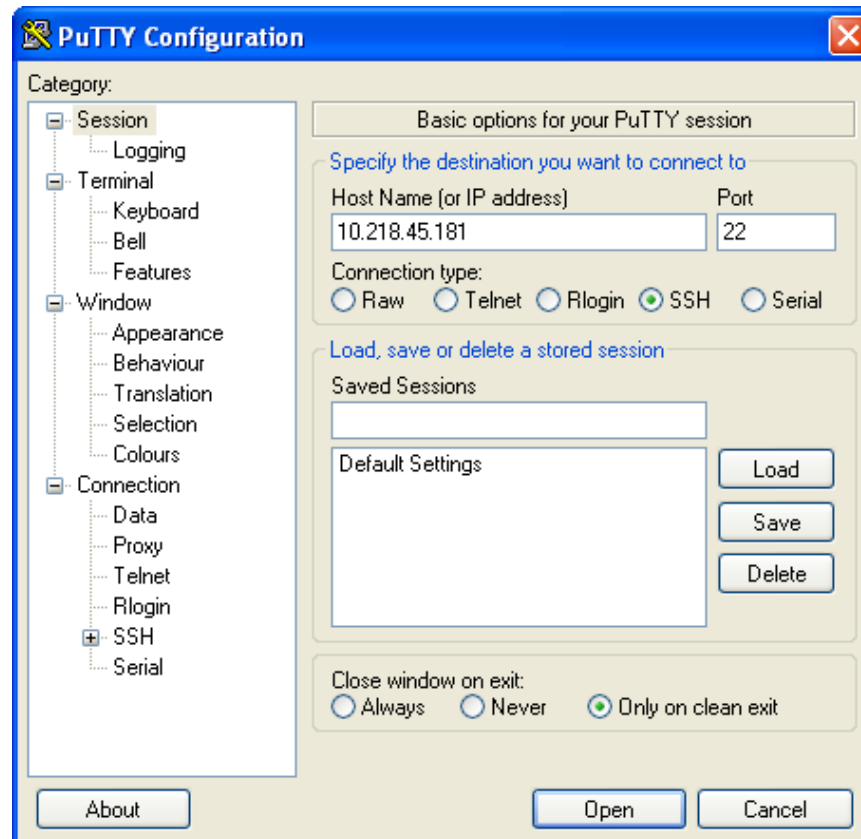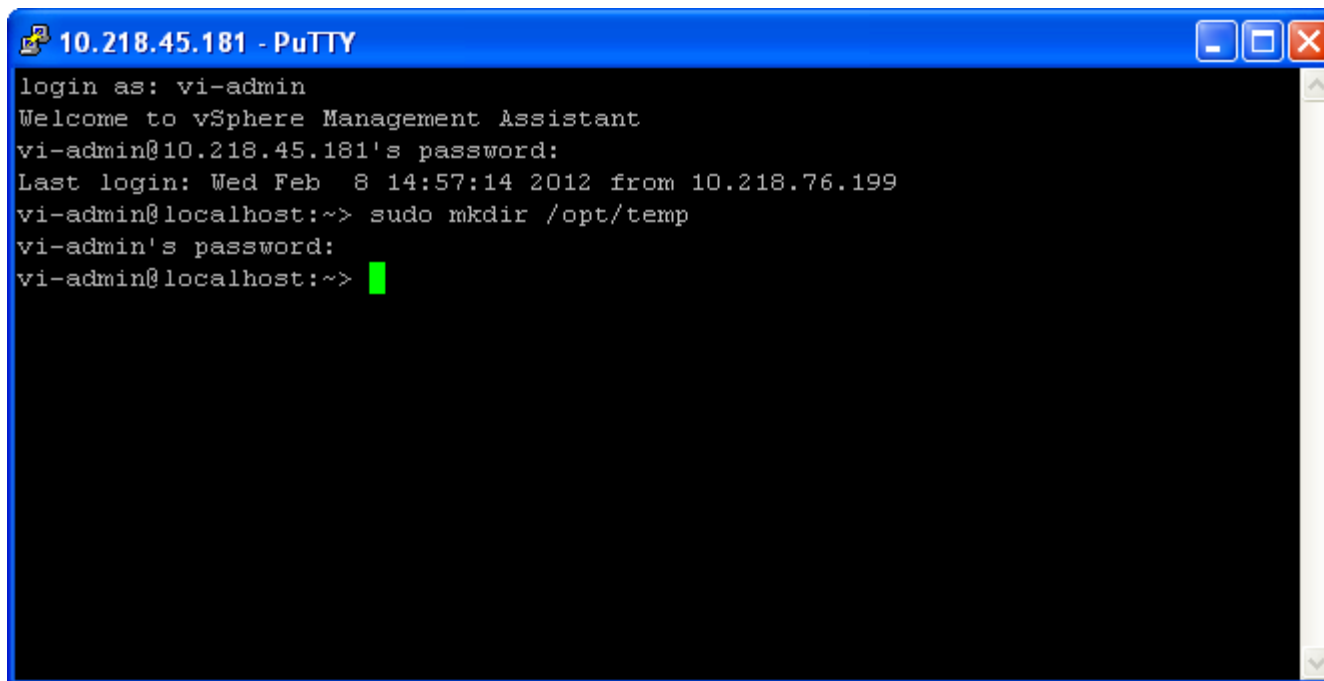
For this demo we have launched PUTTY and entered the ipaddress of the VMware vMA and port 22 should be selected.

When logging in you need to provide a user name and password
Default user is vi-admin


```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~>
```

Next you need to create a temp directory

You may be asked to enter the root password


```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~> sudo mkdir /opt/temp
vi-admin's password:
vi-admin@localhost:~>
```

In this example the temp directory was created in /opt

The command used is

sudo mkdir /opt/temp
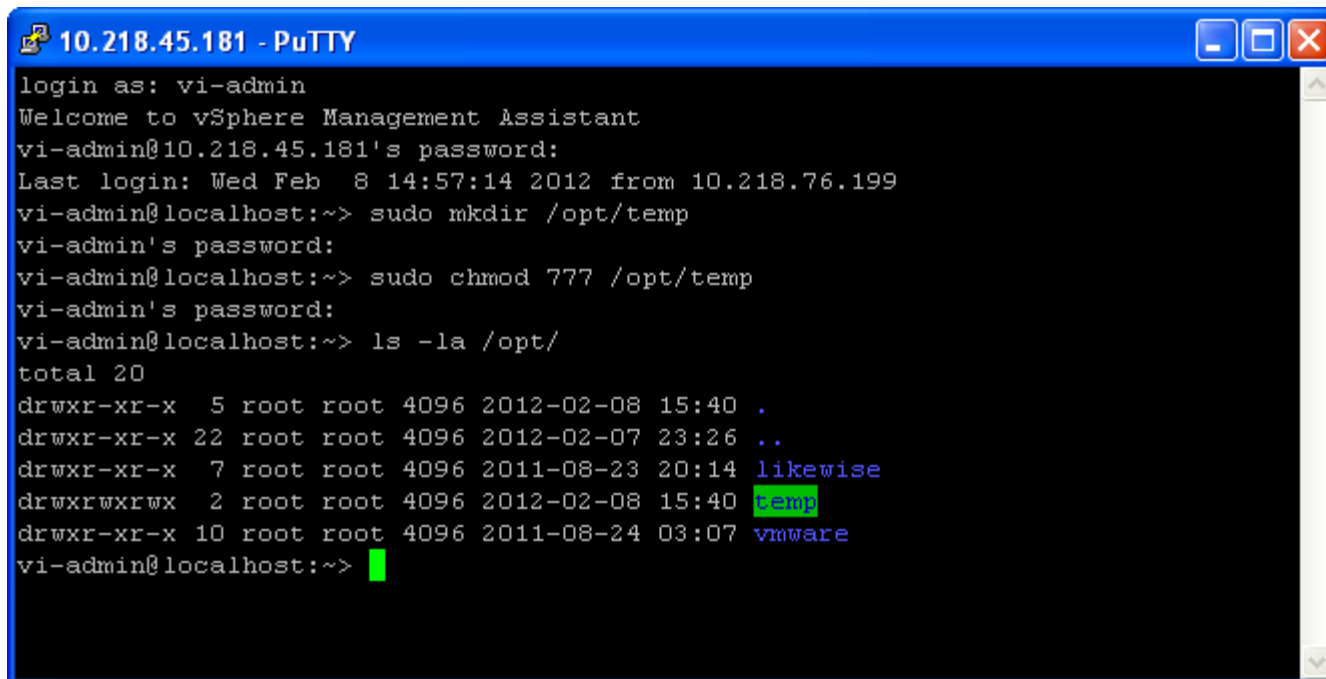
Next you need to change the permissions of the temp directory


```
10.218.45.181 - PuTTY
login as: vi-admin
Welcome to vSphere Management Assistant
vi-admin@10.218.45.181's password:
Last login: Wed Feb  8 14:57:14 2012 from 10.218.76.199
vi-admin@localhost:~> sudo mkdir /opt/temp
vi-admin's password:
vi-admin@localhost:~> sudo chmod 777 /opt/temp
vi-admin's password:
vi-admin@localhost:~>
```
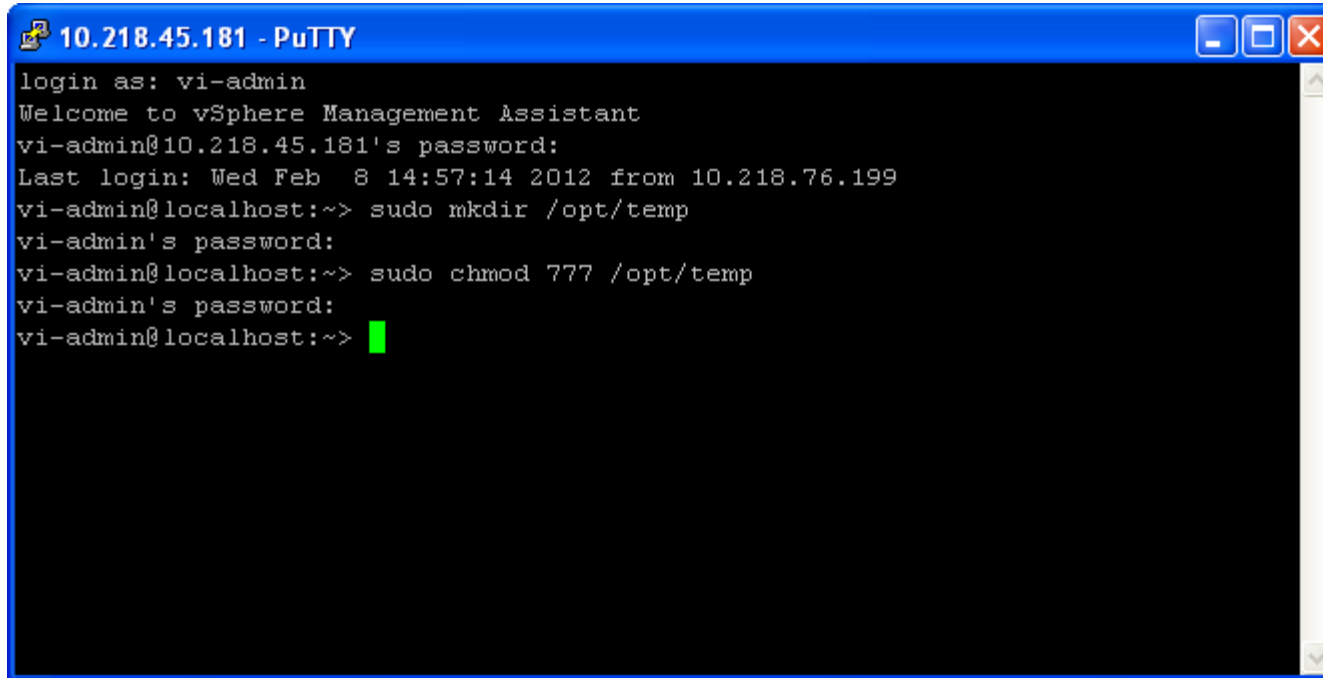
The command used is
sudo chmod 777 /opt/temp

To check the permissions on the temp directory

The command used is

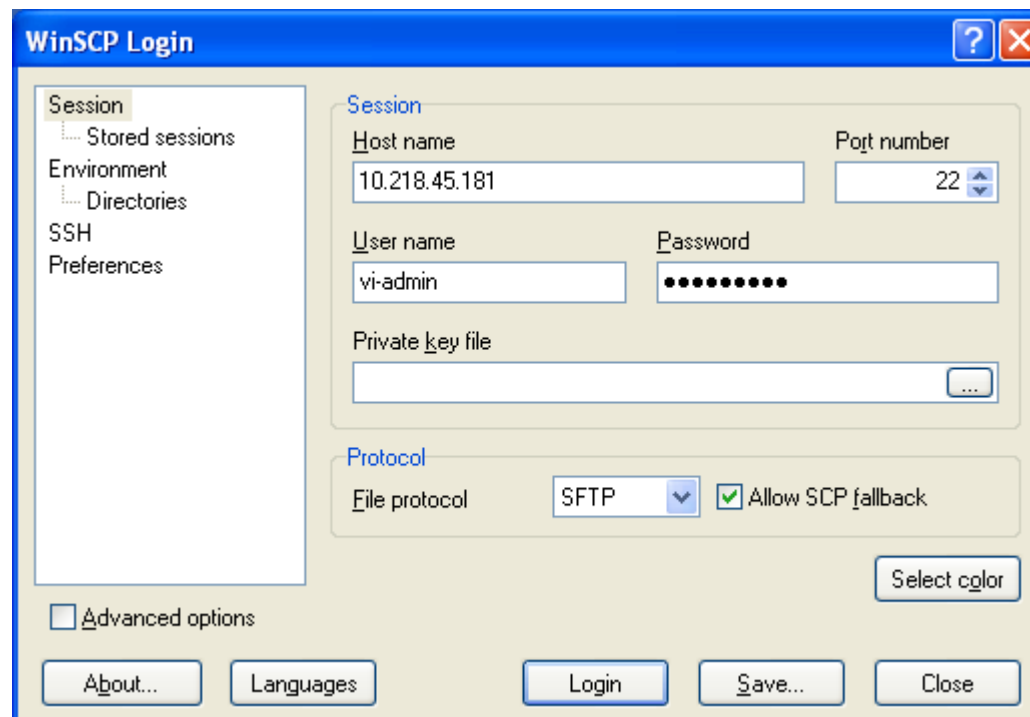ls –la /opt

You will see that the permissions of temp are now rwxrwxrwx

You now need to transfer the PCNS installation files from your PC to the vMA. To do this you can use FTP from the command prompt or use a FTP utility like WinSCP shown below.

When WinSCP launches you will need to navigate to the folder on the PC that holds the PCNS files and navigate to the temp directory.
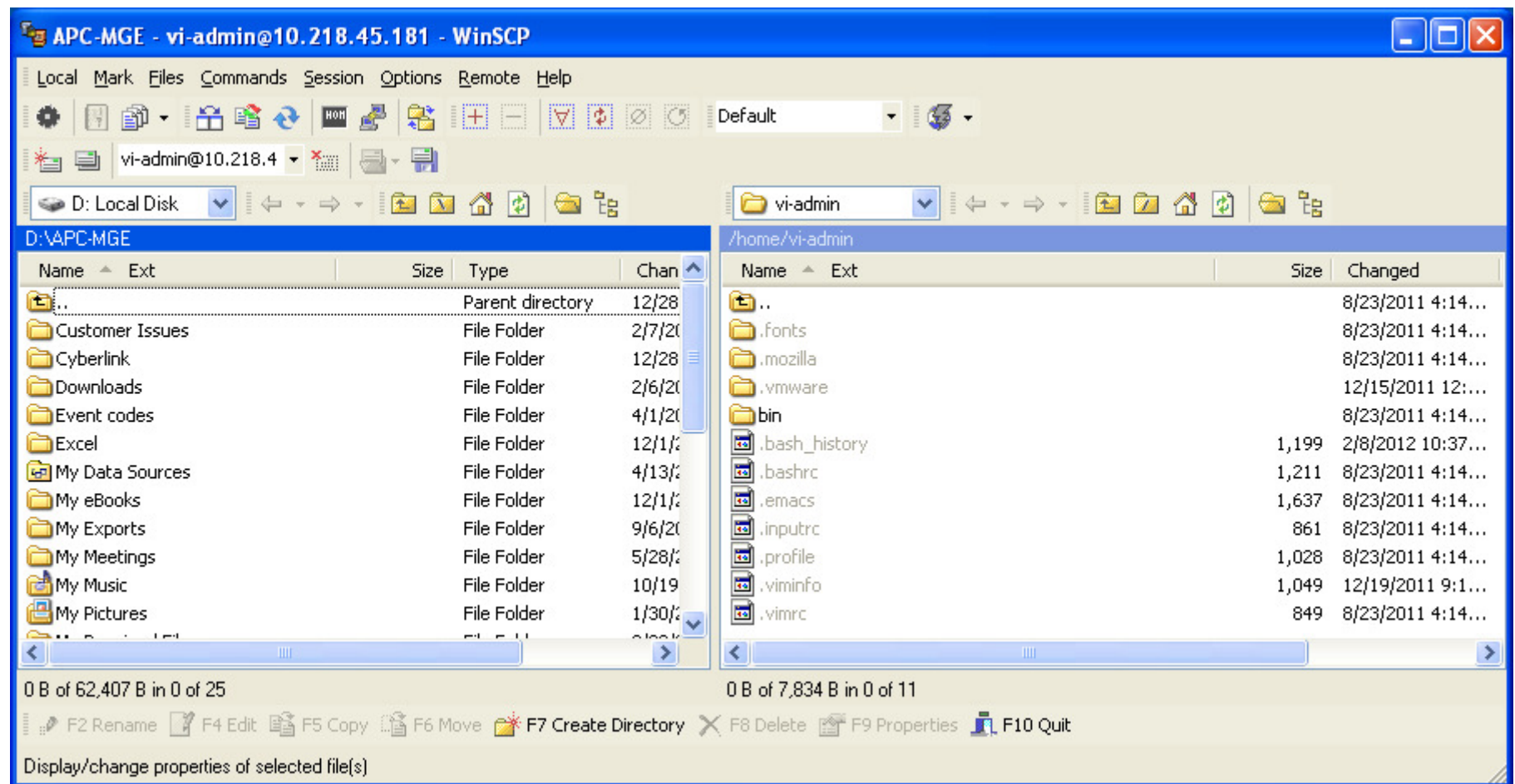
To navigate to the temp directory use the pull down and go to / (root) then select opt and then temp.
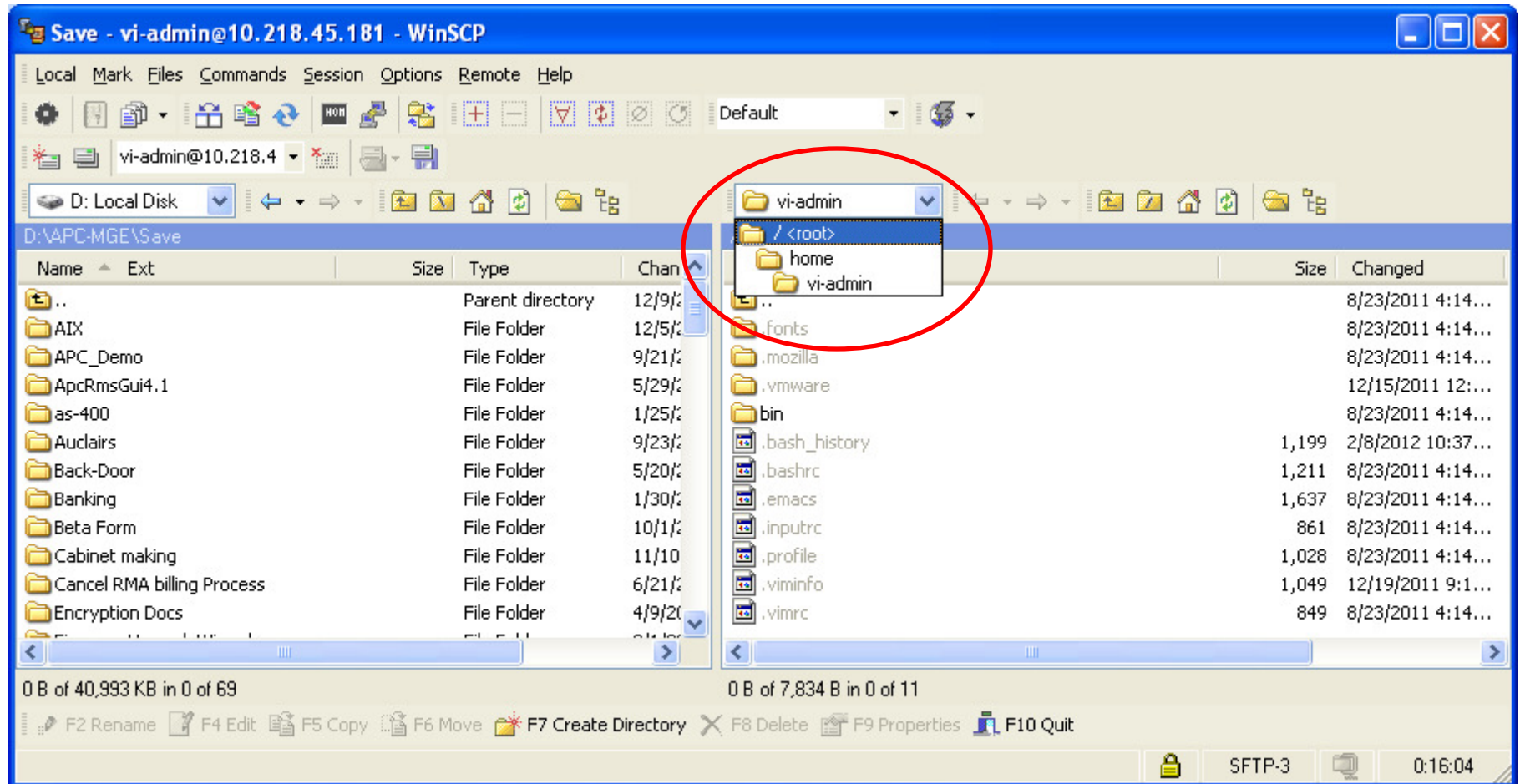
To navigate to the folder that PCNS is stored in use the pull down select the drive and then select the proper folder.
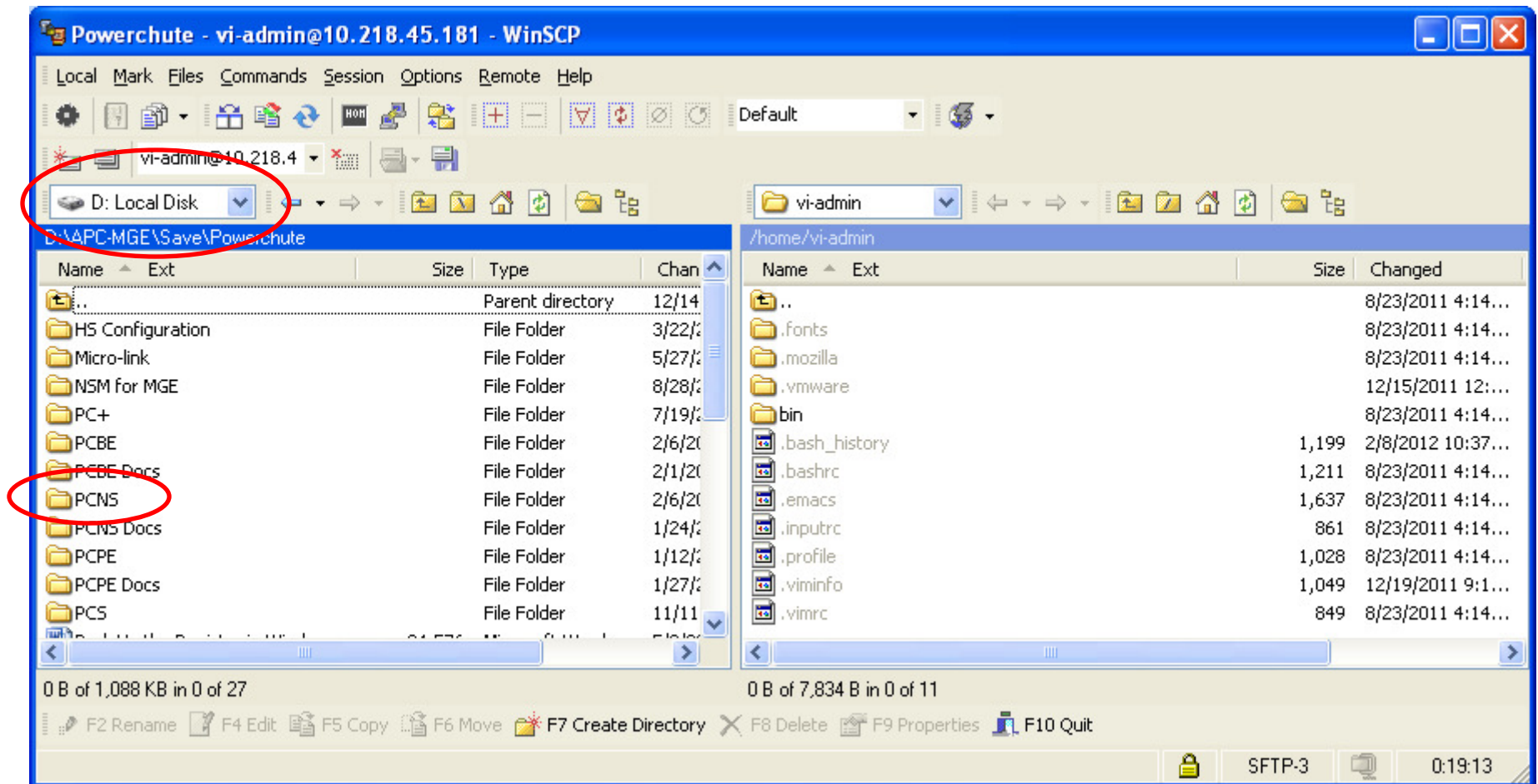
Select the files you want to transfer and drag them to the temp directory on the right. A window will pop up asking if you want to copy. Select copy.
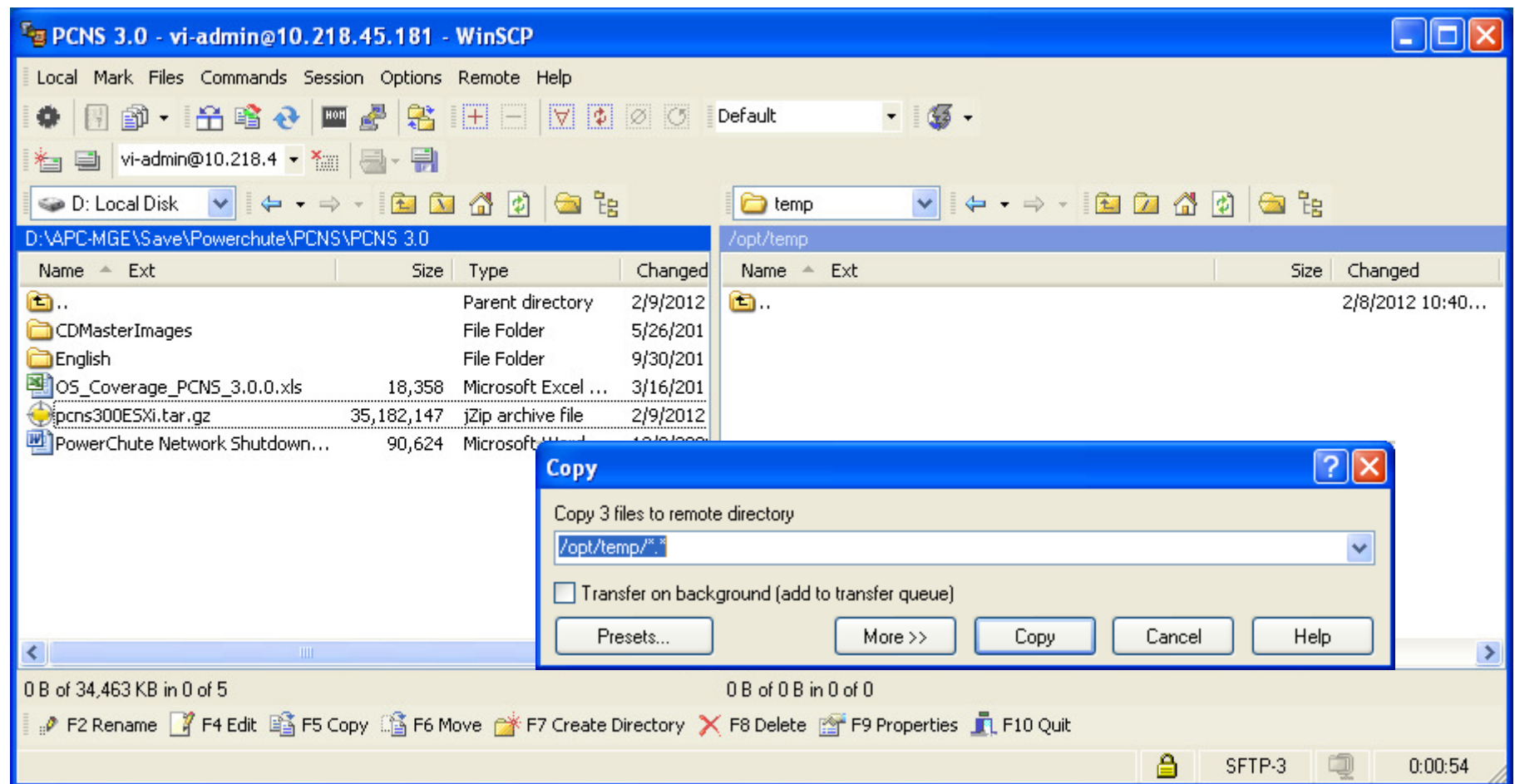
Next you will see a window showing the files being copied.
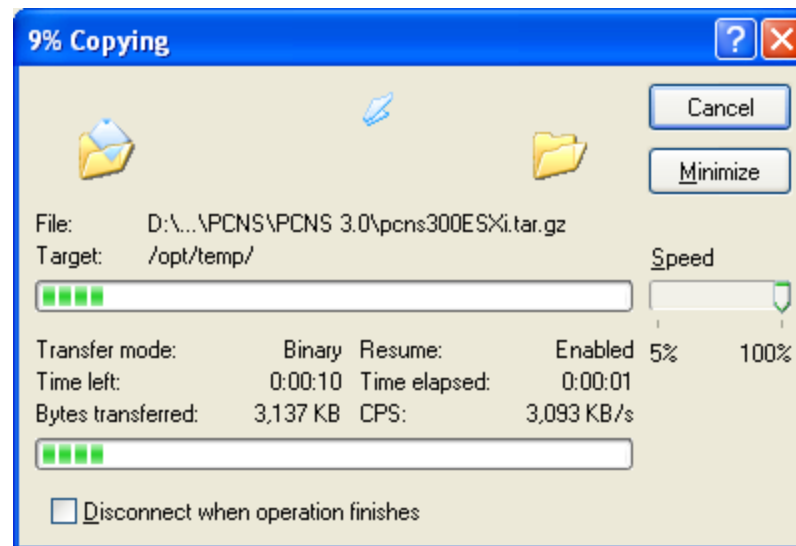
Then you will see that the file have been copied. In
this case we copied pcns300ESXi.tar.gz
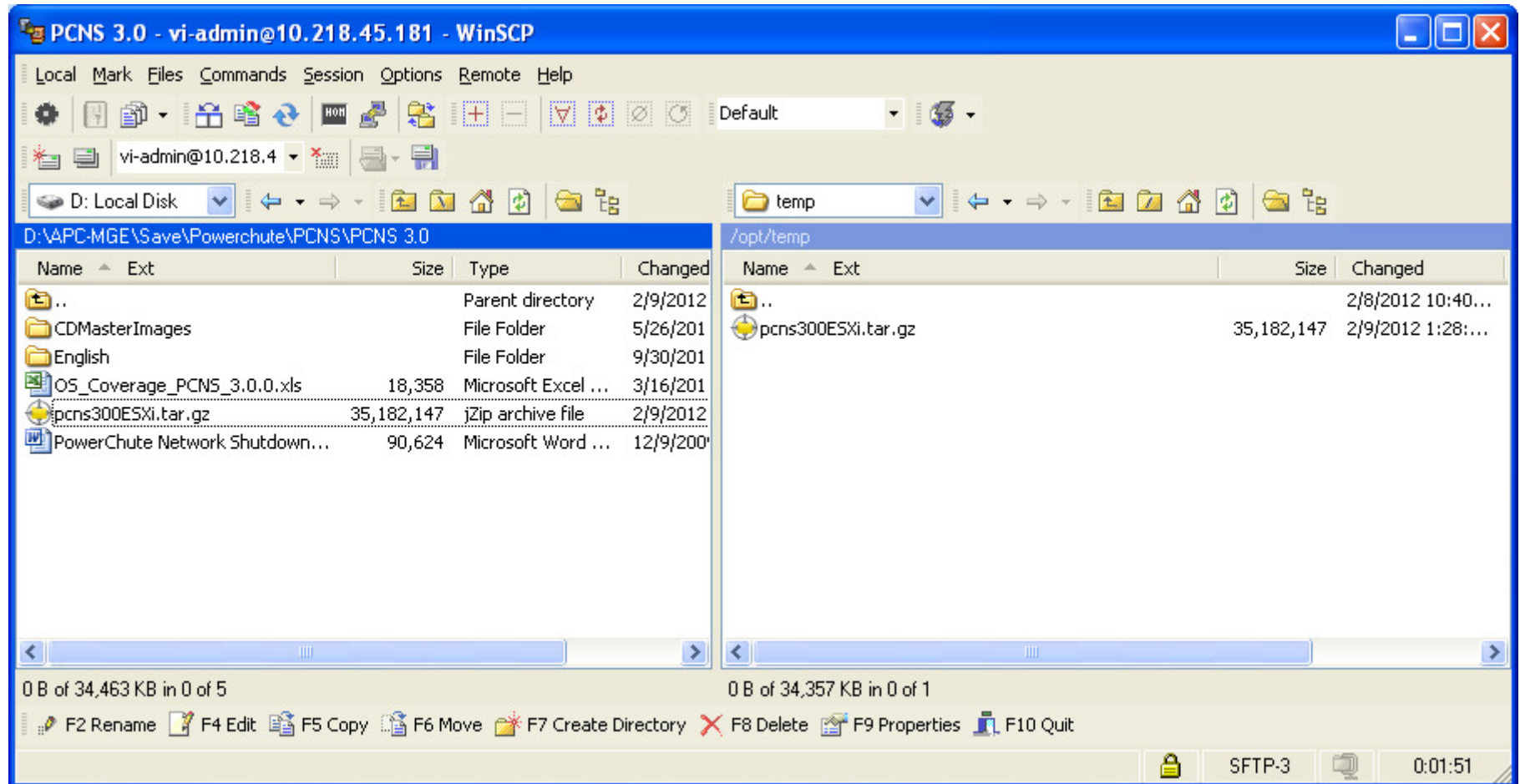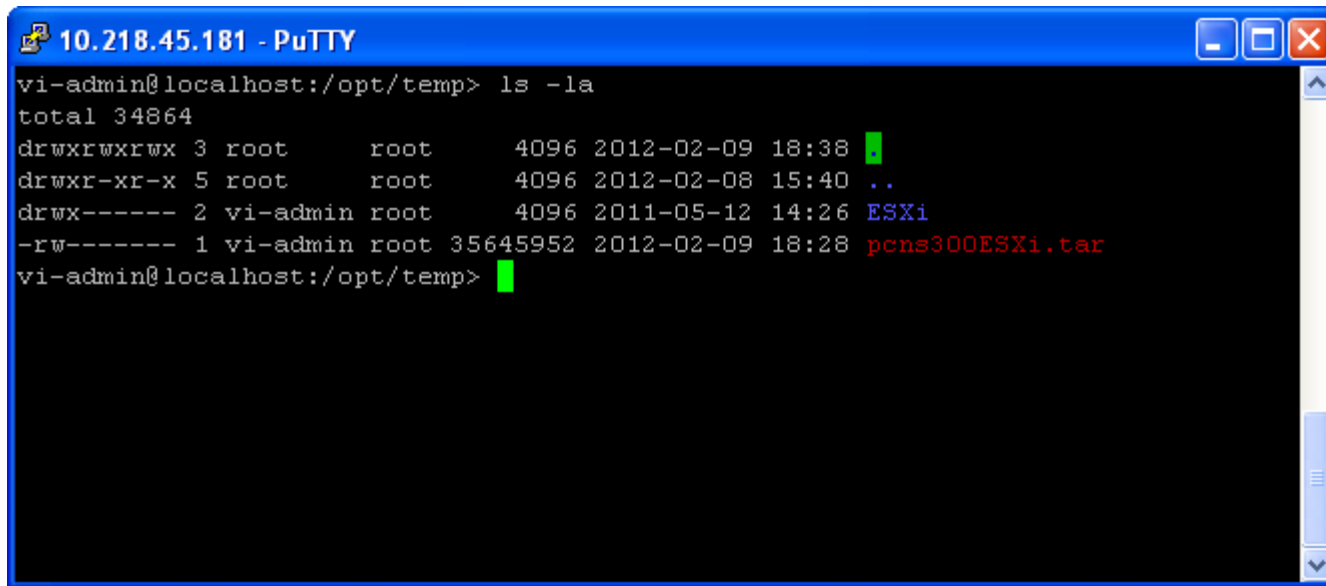
Next using PUTTY you need to change directory to temp and then uncompress the file.

The commands are

gunzip pcns300ESXi.tar.gz

Then

tar –xvf pcns300ESXi.tar
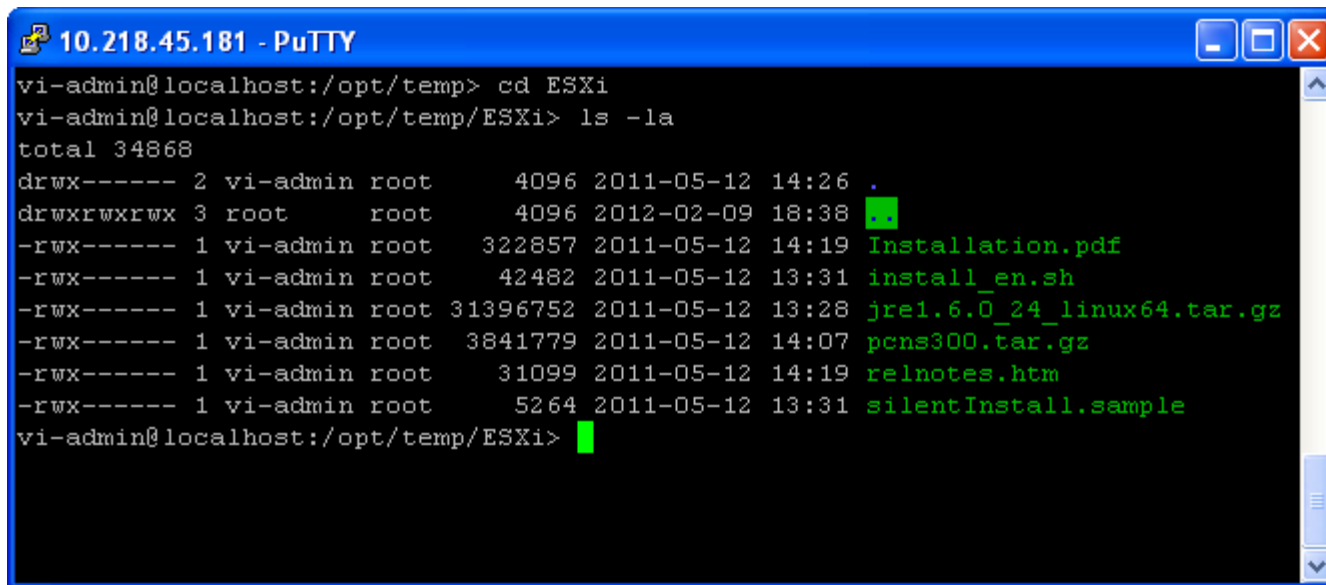
If installing PCNS you will now have a new directory in temp named ESXi


```
10.218.45.181 - PuTTY
vi-admin@localhost:/opt/temp> ls -la
total 34864
drwxrwxrwx 3 root       root        4096 2012-02-09 18:38 .
drwxr-xr-x 5 root       root        4096 2012-02-08 15:40 ..
drwx------ 2 vi-admin root         4096 2011-05-12 14:26 ESXi
-rw------- 1 vi-admin root 35645952 2012-02-09 18:28 pcns300ESXi.tar
vi-admin@localhost:/opt/temp>
```
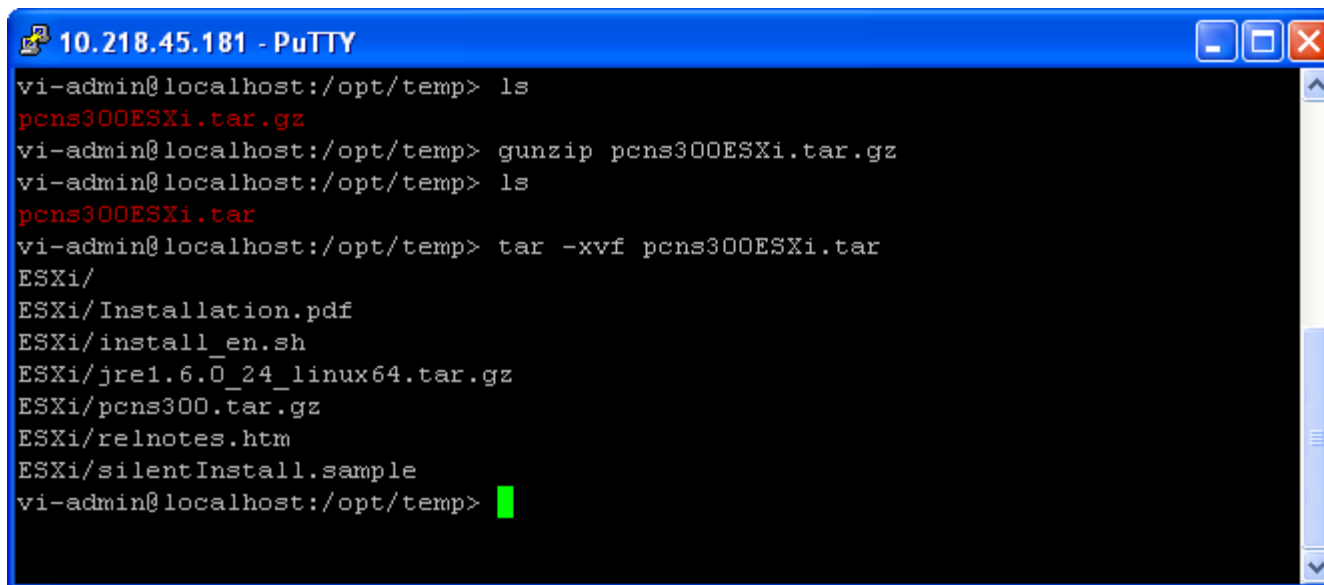
Change directory to ESXi the command is
cd ESXi

List the contents of the ESXi directory


```
10.218.45.181 - PuTTY
vi-admin@localhost:/opt/temp> cd ESXi
vi-admin@localhost:/opt/temp/ESXi> ls -la
total 34868
drwx------ 2 vi-admin root       4096 2011-05-12 14:26 .
drwxrwxrwx 3 root     root       4096 2012-02-09 18:38 ..
-rwx------ 1 vi-admin root     322857 2011-05-12 14:19 Installation.pdf
-rwx------ 1 vi-admin root      42482 2011-05-12 13:31 install_en.sh
-rwx------ 1 vi-admin root   31396752 2011-05-12 13:28 jre1.6.0_24_linux64.tar.gz
-rwx------ 1 vi-admin root    3841779 2011-05-12 14:07 pcns300.tar.gz
-rwx------ 1 vi-admin root      31099 2011-05-12 14:19 relnotes.htm
-rwx------ 1 vi-admin root       5264 2011-05-12 13:31 silentInstall.sample
vi-admin@localhost:/opt/temp/ESXi>
```

The command is

ls –la

Next you need to change the permissions of the installation file.
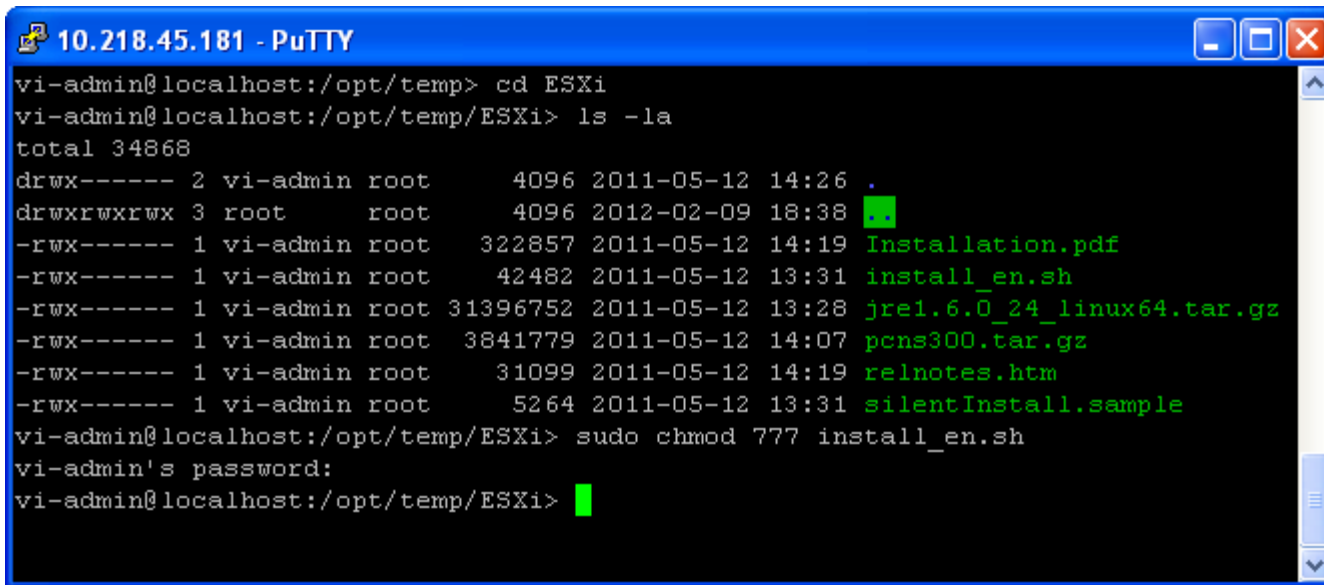


```
10.218.45.181 - PuTTY
vi-admin@localhost:/opt/temp> cd ESXi
vi-admin@localhost:/opt/temp/ESXi> ls -la
total 34868
drwx------ 2 vi-admin root      4096 2011-05-12 14:26 .
drwxrwxrwx 3 root      root      4096 2012-02-09 18:38 ..
-rwx------ 1 vi-admin root    322857 2011-05-12 14:19 Installation.pdf
-rwx------ 1 vi-admin root     42482 2011-05-12 13:31 install_en.sh
-rwx------ 1 vi-admin root  31396752 2011-05-12 13:28 jre1.6.0_24_linux64.tar.gz
-rwx------ 1 vi-admin root   3841779 2011-05-12 14:07 pcns300.tar.gz
-rwx------ 1 vi-admin root     31099 2011-05-12 14:19 relnotes.htm
-rwx------ 1 vi-admin root      5264 2011-05-12 13:31 silentInstall.sample
vi-admin@localhost:/opt/temp/ESXi> sudo chmod 777 install_en.sh
vi-admin's password:
vi-admin@localhost:/opt/temp/ESXi>
```
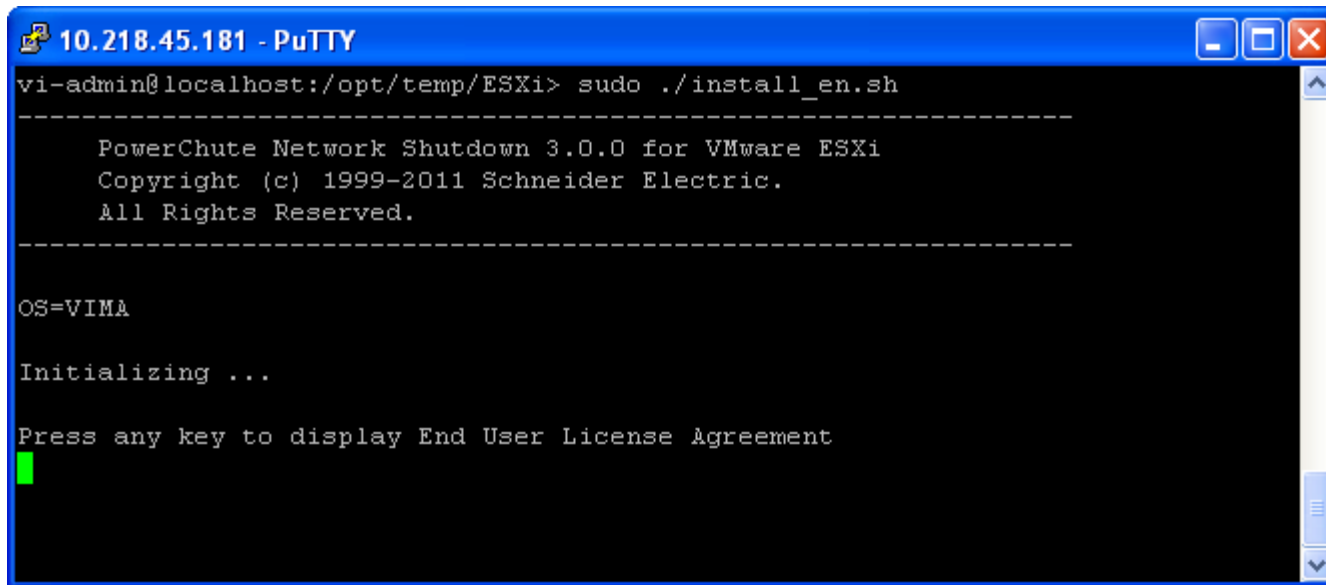
The command is

sudo chmod 777 install_en.sh

To check the permissions the command is

ls –la

You will see that the permissions are now rwxrwxrwx

You are now ready to install PCNS on the vMA

```
10.218.45.181 - PuTTY

vi-admin@localhost:/opt/temp/ESXi> sudo ./install_en.sh
-------------------------------------------------------------
     PowerChute Network Shutdown 3.0.0 for VMware ESXi
     Copyright (c) 1999-2011 Schneider Electric.
     All Rights Reserved.
-------------------------------------------------------------


OS=VIMA

Initializing ...

Press any key to display End User License Agreement
```

The command used is

sudo ./install_en.sh

Further information on the installation PCNS can be found in Kbase articles

FA159780 **Install PowerChute Network Shutdown 3.0.1 on ESXi 5.0 with vMA 5.0**

FA159765 **Installation of PowerChute Network Shutdown version 3.0 on VMware ESXi - vMA 4.0, 4.1**

Thank you.

Schneider Electric