IBM Tivoli Training
Netcool/Proviso 4.4.3
Technology pack installer

Tivoli. software

This IBM Education Assistant module examines the installation of stand-alone version 4.3-V Technology Packs in IBM Tivoli Netcool/Proviso 4.4.3.

IBM Tivoli has replaced the term Application Pack with Technology Pack. Over time the transition from Application Pack to Technology Pack will be complete in the Netcool/Proviso documentation. In this module, the term Technology Pack will be used interchangeably with Application Pack.

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Objectives

Upon completion of this module, you should be able to:

- Launch the Application Pack Installer

- Define the need for the appropriate ProvisoPackInstaller.jar file

- Describe the consequences of not having the ProvisoPackInstaller co-resident with the stand-alone Technology Packs you are installing

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Upon completion of this module you should be able to:

Launch the application pack installer

Define the need for the appropriate ProvisoPackInstaller.jar file

Describe the consequences of not having the ProvisoPackInstaller co-resident with the standalone Technology Packs you are installing

Assumptions

Before installing Technology Packs:

- You must have Netcool/Proviso 4.4.3 installed and running

- You have root access in order to use Netcool/Proviso's launchpad.sh

- You are familiar with using Netcool/Proviso's launchpad

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Before installing technology packs:

You must have Netcool/Proviso 4.4.3 installed and running

You must have root access in order to use Netcool/Proviso's launchpad.sh

You are familiar with using Netcool/Proviso's launchpad.sh

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The launchpad.sh

```
─                              X Desktop                          □ □
# echo $DISPLAY
stundent114:1.0
# which firefox
/usr/local/firefox/firefox
# pwd
/export/Proviso443/proviso/SOLARIS
# ls -l
total 26
drwxr-xr-x   4 root      other        512 Jun 25  2008 DataBase
drwxr-xr-x   4 root      other        512 Jun 25  2008 DataChannel
drwxr-xr-x   4 root      other        512 Jun 25  2008 DataLoad
drwxr-xr-x   4 root      other        512 Jun 25  2008 DataMart
drwxr-xr-x   4 root      other        512 Jun 25  2008 DataView
drwxr-xr-x   4 root      other        512 Jun 25  2008 Install
drwxr-xr-x   6 root      other       1024 Jun 25  2008 launchpad
-rwxr-xr-x   1 root      other       5727 Jun 25  2008 launchpad.sh
# █
```

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Technology packs are installed using Netcool/Proviso's launchpad. You must have root access to run the launchpad. Ensure the display is set and your browser of choice is available. Change to the directory that contains the launchpad.sh (or have that directory in the path) and issue the launchpad.sh command.

Install application pack
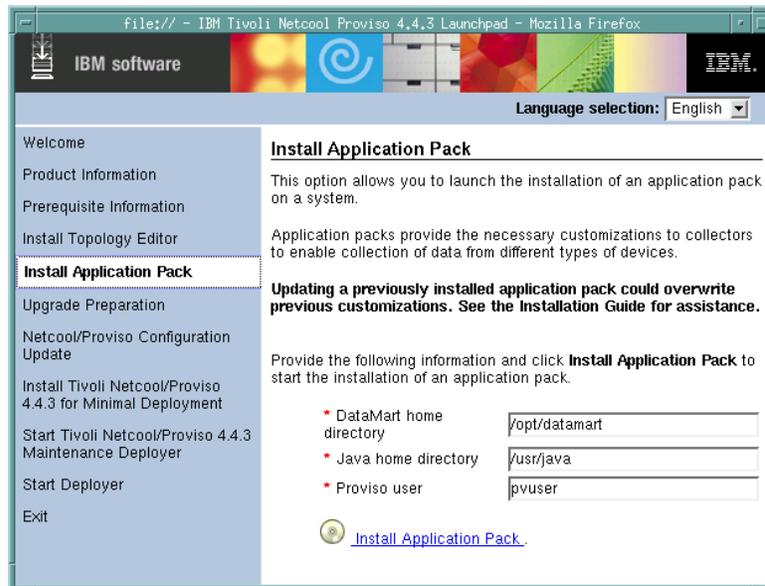
Select **Install Application Pack** from the list on the left side of the launchpad. Ensure that the DataMart home directory is correct as well as the Java home and that the appropriate user name is supplied for Pvuser. Click **Install Application Pack**.

Select application pack directory

file:// – Select the Application Pack setup directory. – Mozilla Fir

Select the Application Pack installation setup directory or CD.

/export/Proviso443/proviso/SOLARIS/

OK   Cancel   Browse...

Stopped
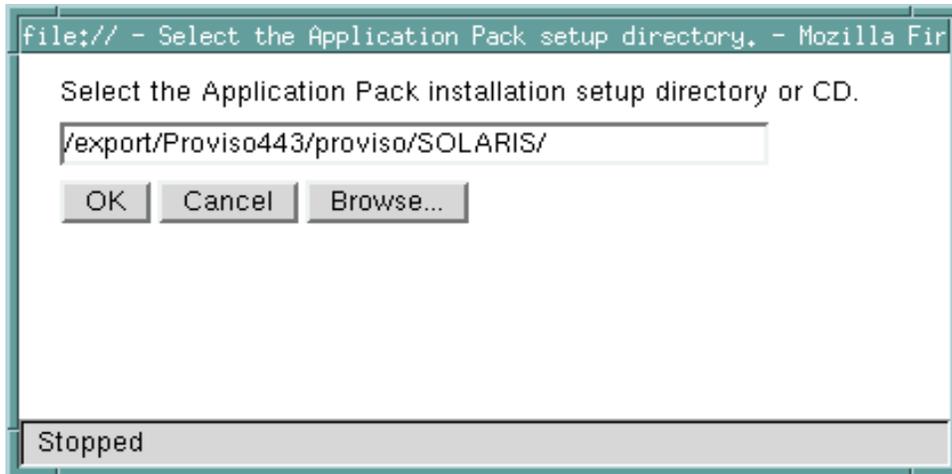
The Application Pack Installer requires you to select the installation directory. This is the directory where the ProvisoPackInstaller.jar for this Technology Pack version is located as well as the specific technology packs that you want to install.

Technology pack directories
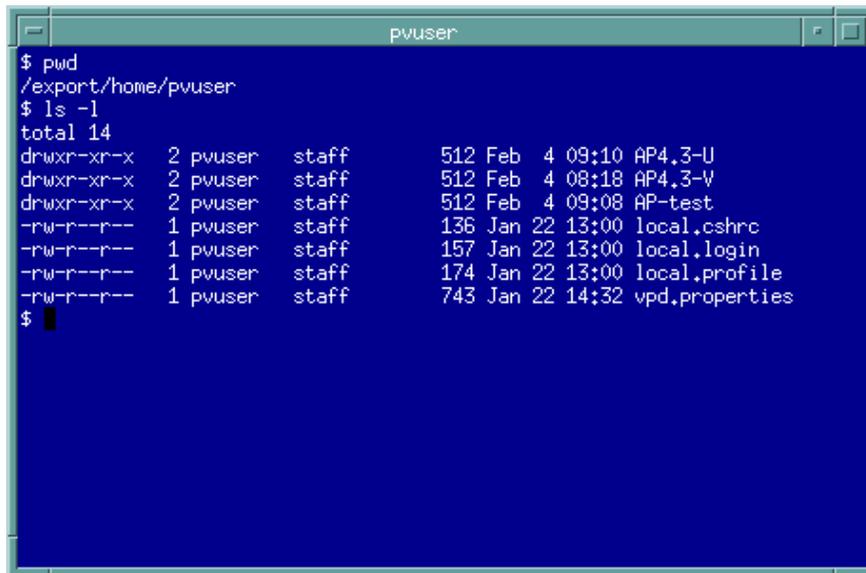
It is helpful to have assigned directories to store versions of technology packs. In this example a directory has been created for each Technology Pack version that is used. The version specific ProvisoPackInstaller.jar file should be located in the appropriate version directory.

Missing ProvisoPackInstaller.jar
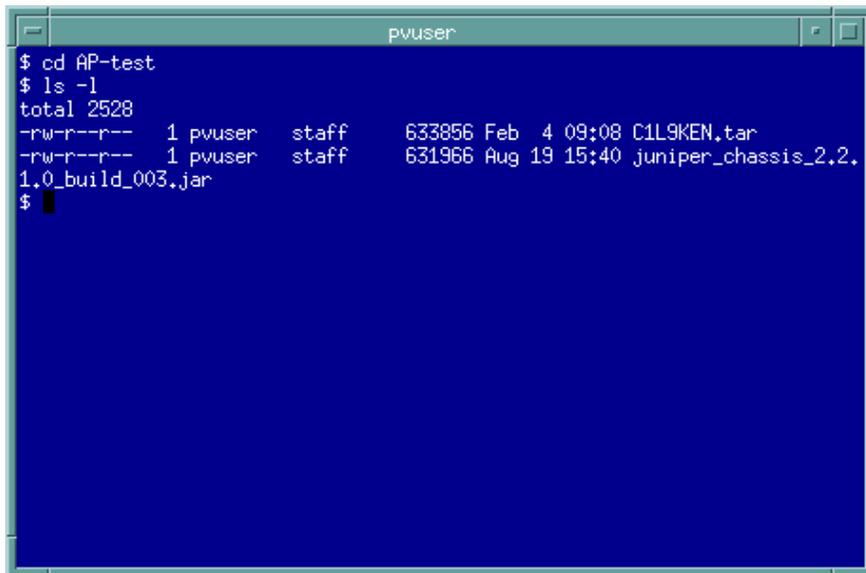
```
pvuser
$ cd AP-test
$ ls -l
total 2528
-rw-r--r--    1 pvuser    staff      633856 Feb  4 09:08 C1L9KEN.tar
-rw-r--r--    1 pvuser    staff      631966 Aug 19 15:40 juniper_chassis_2.2.
1.0_build_003.jar
$
```

This example shows the content of the AP-test technology pack directory. There is a standalone Juniper chassis technology pack in it. Notice that a ProvisoPackInstaller.jar file is not located in it.

Select directory of technology packs
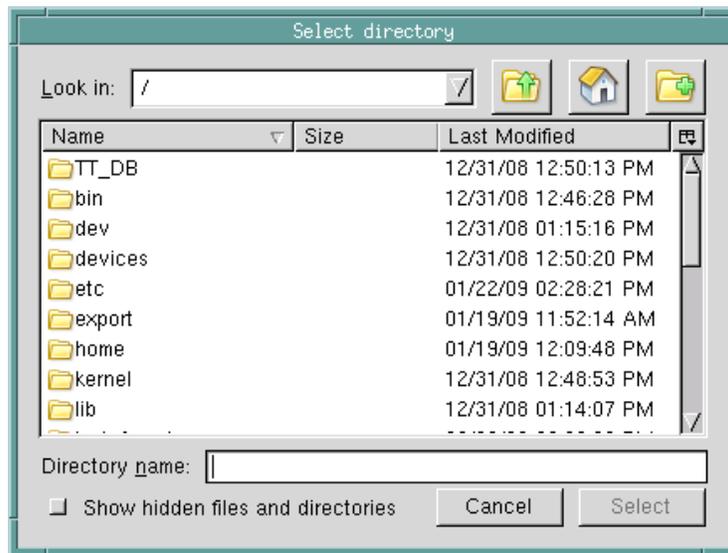
Select the directory where the standalone technology pack to be installed is located using the browse tool.

Selected directory
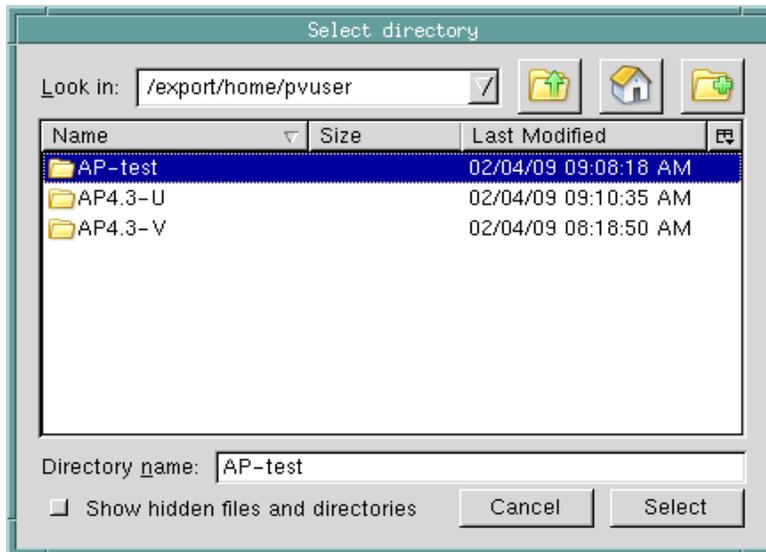
In this example the AP-test is selected. Recall that the ProvisoPackInstaller.jar file is not included with the Juniper chassis standalone technology pack in the directory.
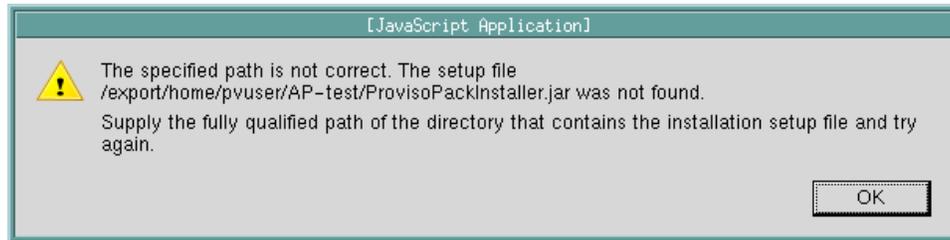
After selecting AP-test as the source directory, this error is shown. This is the notice returned when the ProvisoPackInstaller.jar is not found in the source directory.

AP4.3-V with ProvisoPackInstaller.jar

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```
pvuser
$ cd AP4.3-V
$ ls -l
total 43658
-rw-r--r--   1 pvuser    staff     4689920 Feb  4 08:06 C19XPEN.tar
-rw-r--r--   1 pvuser    staff     4472832 Jan 23 08:43 C1L9GEN.tar
-rw-r--r--   1 pvuser    staff     1335296 Jan 23 08:43 C1L9JEN.tar
-rw-r--r--   1 pvuser    staff      633856 Feb  4 08:07 C1L9KEN.tar
-rw-r--r--   1 pvuser    staff     4687929 Jun  3  2008 cisco_cmts_2.1.1.0_b
uild_003.jar
-rw-r--r--   1 1003      staff     1333458 Aug 19 15:40 cisco_device_2.2.1.0
_build_3.jar
-rw-rw-r--   1 pvuser    staff        4476 Feb  3 08:26 IBM_Tivoli_Netcool_P
roviso_4.4.3_InstallLog.log
-rw-r--r--   1 pvuser    staff      631966 Aug 19 15:40 juniper_chassis_2.2.
1.0_build_003.jar
-rw-r--r--   1 1003      staff     4470876 Aug 19 15:40 ProvisoPackInstaller
.jar
$
```

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The contents of the AP4.3-V directory are shown. The ProvisoPackInstaller.jar file is highlighted. This ProvisoPackInstaller.jar is specific to the technology packs that are in the 4.3-V version. Use of one version's ProvisoPackInstaller with another version's technology packs is not recommended or supported.
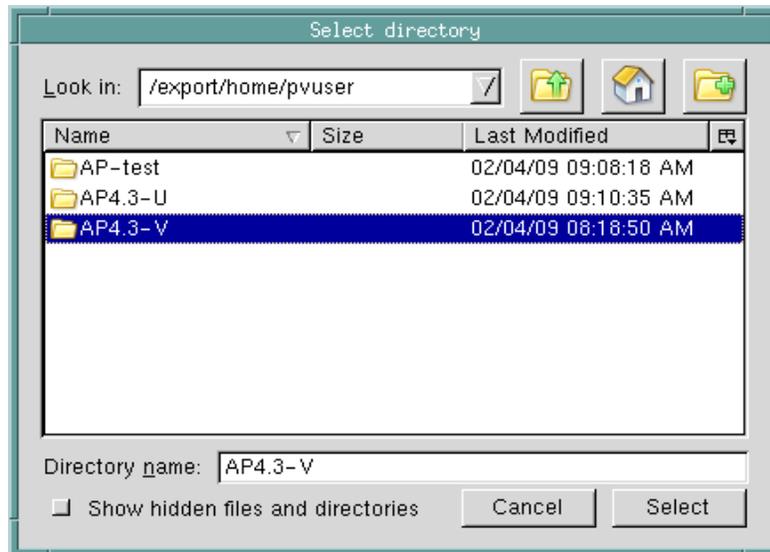
The AP4.3-V directory is now selected. The previous slide showed that the ProvisoPackInstaller.jar file was in this directory. Click Select.

Technology packs recognized

Feature Selection
Using the check box select each desired feature

☑ Prerequisites Application Pack 1.0.0.0 Build 0
☑ prerequisites 1.0.0.0 Build 0
☑ Cisco Device Pack 2.2.1.0 Build 3
☑ Juniper M/T Series Chassis 2.2.1.0 Build 003
☑ cisco_cmts 2.1.1.0 Build 003

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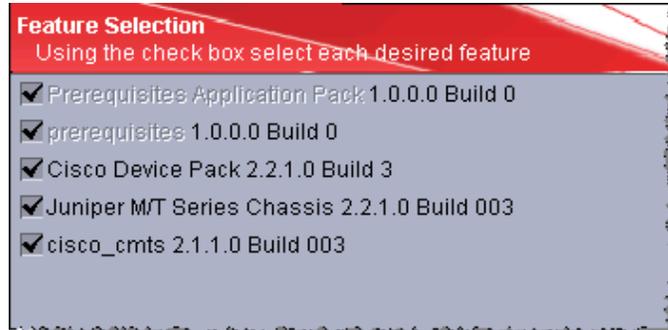
The Application Pack Installer now recognizes the standalone technology packs. From here the appropriate packs to install can be selected.

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Training roadmap for *Netcool/Proviso*

http://www.ibm.com/software/tivoli/education/edu_prd.html

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Copy and paste the link provided into the browser of your choice to explore the training roadmap for Netcool/Proviso.

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Summary

- You should now be able to:

- Launch the Application Pack Installer

- Define the need for the appropriate ProvisoPackInstaller.jar file

- Describe the consequences of not having the ProvisoPackInstaller co-resident with the stand-alone Technology Packs you are installing

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You should now be able to:

Launch the application pack installer

Define the need for the appropriate ProvisoPackInstaller.jar file

Describe the consequences of not having the ProvisoPackInstaller co-resident with the standalone Technology Packs you are installing

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