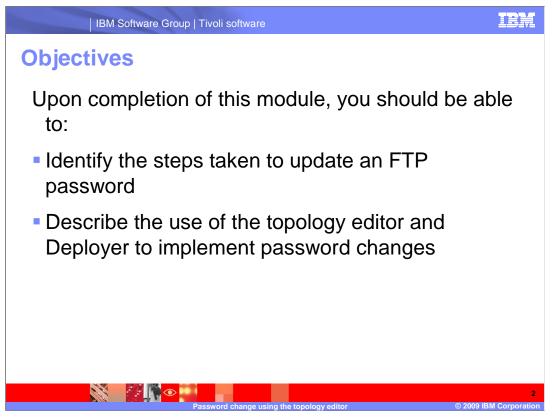
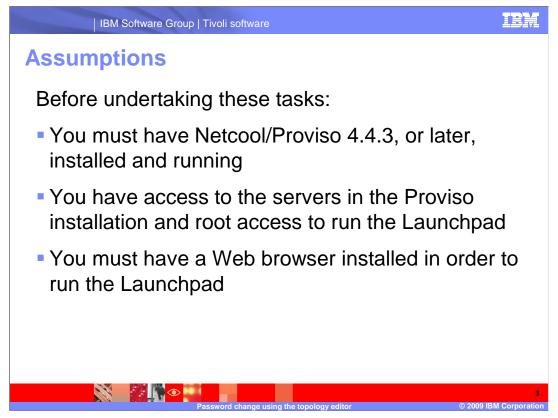


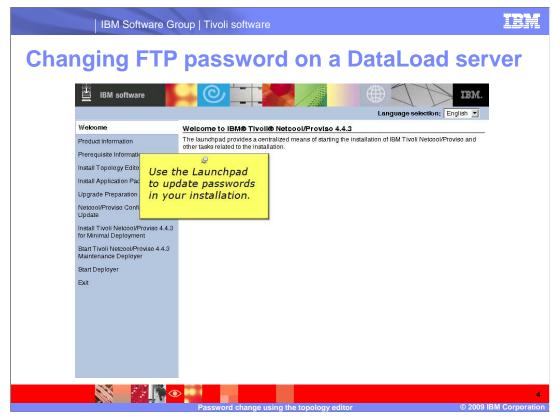
This IBM Education Assistant module demonstrates using the topology editor in Netcool/Proviso[®] 4.4.3 to update passwords.



Upon completion of this module, you should be able to list the steps to update an FTP password and use the topology editor and deployer to change passwords.



Before undertaking these tasks, you must have Netcool/Proviso 4.4.3, or later, installed and running. You need access to the servers in the Proviso installation and root access to run the Launchpad, and you must have a Web browser installed to run the Launchpad.



Before Netcool/Proviso 4.4.3, you changed passwords, such as the FTP password on a dataload server, by editing a **dc.cfg** file.

In Netcool/Proviso 4.4.3, you use the topology editor to change the FTP password. From there the password is deployed into the installation.

This IEA illustrates changing an FTP password for a server, student84, that is part of a Netcool/Proviso 4.4.3 installation.

| IBM Software | Group Tivoli software | IBM |
|--|---|-----------|
| IBM software | | |
| Welcome | Welcome to IBM® Tivoll® Netcool/Proviso 4.4.3 | |
| Product Information | The launchpad provides a centralized means of starting the installation of IBM Tivoli Netcool/Proviso and other tasks related to the installation. | |
| Prerequisite Information | other tasks related to the installation. | |
| Install Topology Edgyr | | |
| Install Application Pack | lick Install Topology Editor | |
| Upgrade Preparation | | |
| Netcool/Proviso Configuration Update | | |
| Install Tivoli Netcool/Proviso 4.4 for Minimal Deployment | 3 | |
| Start Tivoli Netcool/Proviso 4.4.3 Maintenance Deployer | | |
| Start Deployer | | |
| Exit | | |
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| | Password change using the topology editor © 2009 IBI | M Corpora |

To change the FTP password, you must launch the topology editor. In this example the topology editor will be launched from the Netcool/Proviso 4.4.3 Launchpad.

As **root**, on the server where the **launchpad.sh** is located, run the **launchpad.sh** command. When the Launchpad graphical user interface (or GUI) is displayed, click **Install Topology Editor**.



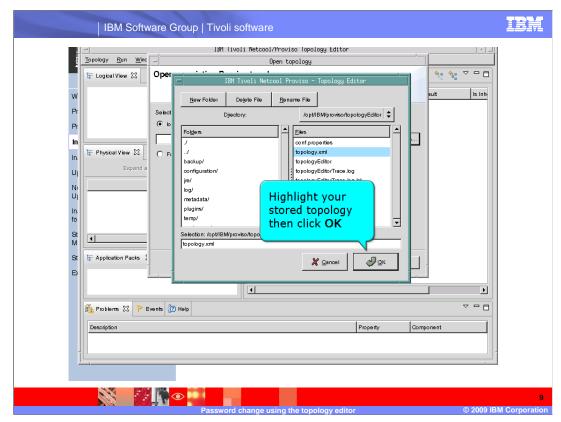
When **Install Topology Editor** is displayed within the Launchpad GUI, click **Start Topology Editor**.

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|--------|--|--|
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| | Save topoly Ctri+S Description Value Default Is Inh | |
| | Click Open Existing Topology | |
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| | St 🗄 Application Packs 🕴 🏠 🗇 🗘 🖓 🖓 🖓 | |
| E | | |
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| | Poblems 🕱 🏱 Events 🔞 Help | |
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| | Description Property Component | |
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The topology editor will open in a pop-up window. This example uses an existing topology file. Click **Open Existing Topology** from the **Topology** pull-down menu.

| <u> </u> | IBM liveli Netcool/Proviso lopology Editor |
|---|--|
| U Logical View 23 | Open an existing Proviso topology |
| Pr Pr In Fr Physical View X | Select the source for the topology file: |
| UI Expansion | |
| fo St M St H Application Packs | < Back Newt> Einsth Cancel |
| Ð | |
| Problems 🔀 🎙 | Events 🔞 Help |
| Description | Property Component |

The topology file used in this example is a local topology file. Click **local**.



This example uses the default topology file called **topology.xml**, located on the server at **/opt/IBM/proviso/TopologyEditor**. Highlight the **topology.xml** file and click **OK**.

| <u>T</u> opology <u>R</u> un <u>W</u> inc | IBM liveli Netcool/Proviso Topology Editor Open topology | |
|---|--|--------|
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| W | aut | ls inh |
| Pr | Select the source for the topology file: | |
| Pr | • local | |
| In | /opt/IBWproviso/topologyEditor/topology.xml | |
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| Ni | | |
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| St 1 | | |
| | Click Finish | |
| St F Application Packs | Einish 🦹 Cancel | |
| Ð | | |
| | | Þ |
| 🚯 Problems 🛿 🏱 E | vents 🕜 Help | ~ - 8 |
| Description | Property Component | 1 |
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After you have selected the **topology.xml** file, click **Finish**.

| <u>T</u> opology <u>R</u> un <u>W</u> indow <u>H</u> elp | | | | | 1945 - 25 |
|--|------------|------------------|----------|-----------|-----------|
| 🗄 Logical View 🛛 🏠 💠 🔿 | Properties | 🕅 Advanced Prope | rties | 🔹 🗶 🔩 🗞 | |
| 👔 🗅 🦞 Netcool/Proviso Topology | Name | Description | Value | Default | Is inh |
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| | | | É. | 1 | |
| Description | | | Property | Component | |
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In the topology editor, under **Physical View**, highlight the host where the password will be changed.

| Netcool/Proviso Topology Name Description Value Default tor tor | Image: Second Provision Topology Name Description Value Default Is I Image: Second Provision Topology Path of the working · () Atmp Atmp Atmp Image: Second Provision Topology Path of the working · () Atmp Atmp Atmp Image: Second Provision Topology Password for the Ne () Providetachannel () Providet | Name Description Value Default Is is In this example the FTP password for student84 will be updated. Password for biscopy Past of the working is Amp Amp Phot Discopy Root Discopy | <u>T</u> opology <u>R</u> un <u>W</u> indow <u>H</u> elp | | | | | |
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| Orking Directory Path of the working - II Armp In this example the FFP Password for student84 Password for student84 Password Application Packs Marp Ph User Password Fast of the working - II Application Packs Marp Provide Password Password Application Packs Marp Ph User Password Fast of the working - II Application Packs Password Application Packs Marp Ph User Password Fast of the working - II Application Packs Marp Provide Password Application Packs Marp Ph User Password Password Fast Staff Staff Staff Ph User Group NetocoPFrovido user II Pure Pure Pure PV User Group NetocoPFrovido user II Pure Pure Pure PV User Group NetocoPFrovido user II Pure Pure Pure PV User Group NetocoPFrovido user II Pure Pure Pure PV User Group NetocoPFrovido user III Pure Pure Pure Operating System Port number us | Photo Pointing Directory Path of the working if Attrap Attrap< | Private Piece Private Pr | 🄄 Logical View 🕅 🏠 🏠 🖓 🌄 🗖 | 🔲 Properties 🔀 🚦 | Advanced Properties | 4 | 🗶 🎭 🎭 🤇 | |
| In this example the FTP password for student84 / User Password for the Ne // prot PRot Directory prot Rot Directory Rot Directory Rot Directory Prot Directory Appleation Packs Password for the Ne // prot prot In this example the FTP password for student84 Soluer File Tar Specifies whether to () Table Table Table In the shoon // part to the sho | In this example the FTP password for student84 will be updated. In this example the FTP password for student84 will be updated. In this example the FTP password for student84 In this example the FTP password for student84 In this example the FTP password for student84 In this example the FTP In this exampl | In this example the FTP password for student84 will be updated. | 🔉 🞺 Netcool/Proviso Topology | Name | Description | Value | Default | Is In |
| | | | In this example the FTP password for student84 will be updated. □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | V User Password P Root Directory is Secure File Tra SH Command - Root Directory US Entry PY User Name PV User Group PV User Group PV User Corba Port FTP Password Operating System | Password for the Ne Root directory for Da & Specifies whether to Path to the sah oom Root directory for Da Uogin name with FT & Netcool/Proviso usel Login name with FT & Netcool/Proviso usel Port number used for Port number used for Host operating syste TP password for the T & | /opt/datachannel fate ssh /opt/databad PV staff pruser 0 COLARIS duritali dent84 | pv /opt/datachannei fake sh /opt/databad PV pvuser staff pvuser 0 SOLARIS fake Amp/Pvinstail bocahost | 8 |
| | Roblems 🛛 🏲 Events 🕜 Help | | | | | operty G | omponent | |

In **Properties**, highlight the FTP password and enter the new password. The password is not readable; so be sure to enter it correctly.

In this example the FTP password for student84 is updated.

| | Defate new topology Ctrl∔N Open existing topology Ctrl+O 🔷 ▽ 🗖 🗖 | 🔲 Properties 🔀 | Advanced Properties | 4 | X 1: 1: 7 | - 8 |
|------|---|---------------------|--|---------------------|-----------------------|--------|
| | Save topology Ctrl+S Save topology as Shift+Ctrl+S | Name | Description | Value | Default | Is inh |
| - | | Working Directory | Path of the working | /tmp | /tmp | |
| Pt - | Select Save topology | PV User Password | Password for the Ne | | pv | |
| Pr | Select Save topology | DC Root Directory | Root directory for Da 🤮 | /opt/datachannel | /opt/datachannel | 2 |
| 1000 | | Use Secure File Tra | Specifies whether to 🛽 | 🔲 false | false | |
| In | | SSH Command | Path to the ssh com | ssh | ssh | |
| 10 | 🗜 Physical View 🛛 🗖 🗖 | DL Root Directory | Root directory for Da | /opt/dataload | /opt/dataload | |
| In. | | TNS Entry | TNS name for the Ne | PV PV | PV | |
| U | Expand all Gollapse all 🦄 😓 💙 | FTP User Name | Login name with FTF 🔏 | pvuser | pvuser | 8 |
| | Operating System | PV User Group | Netcool/Proviso user 😡 | staff | staff | |
| N | | PV User | Login name for the 1 🗧 | pvuser | pvuser | |
| U | | Corba Port | Port number used to | | 0 | |
| In. | D Rost student84 SOLARIS | FTP Password | Password for the FT | ****** | L. | 2 |
| fo | | Operating System | Host operating syste | | SOLARIS | |
| C+1 | | Is Remote | Specifies whether th | | false | |
| St I | <u>۱ کا</u> | Temporary Directory | and the second sec | | /tmp/PvInstall | |
| | | Host Name | The name of the hot | | localhost | |
| | F Application Packs 🗱 👔 🗇 🗢 🗖 🗖 | ORACLE_HOME | Home directory for O | , vopuoracien produ | : /opt/oracle/product | |
| | | <u> </u> | | | - <u>-</u> | Ŀ |
| Cut | 🔥 Problems 🛛 🏱 Events 👔 Help | | | | ~ | |
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After you enter the password, you must save the topology before it can be deployed. In the **Topology** pull-down menu, click **Save Topology**. This action saves the topology file that was updated using the topology editor.

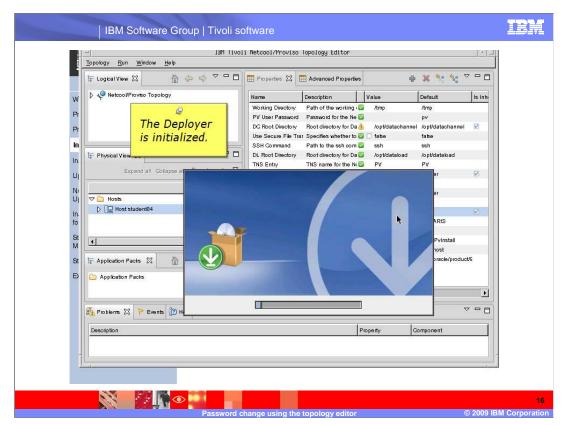
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|---|---|-------------------|-----------------------|---------|
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| | | /tmp | /tmp | |
| Pr | | | рv | |
| Pt | DC Root Directory Root directory for Da 🦺 | | /opt/datachannel | 8 |
| | Use Secure File Trar Specifies whether to 🔯 | 🖸 false | false | |
| In In Physical View 22 | SSH Command Path to the ssh com | ssh | ssh | _ |
| In. Physical View 🛛 | | /opt/dataload | /opt/dataload | |
| Ernand all Collanse all 🖄 🖒 🔿 | TNS Entry TNS name for the Ne | PV | PV | 12 |
| | FTP User Name Login name with FTF A PV User Group Netcool/Proviso user | pvuser staff | pvuser staff | 8 |
| Ni Operating System | PV User Login name for the 1 | pyuser | pvuser | _ |
| UI Vi Hosts | Corba Port Port number used to 😡 | 0 | 0 | |
| In D I Host student84 SOLARIS | FTP Password Password for the FT () | | | ~ |
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| St | Temporary Directory Temporary directory 😡 | /tmp/PvInstall | /tmp/PvInstall | |
| M | Host Name The name of the ho: 😡 | student84 | localhost | |
| St Application Packs St Application Packs | ORACLE_HOME Home directory for O | /opt/oracle/produ | : /opt/oracle/product | VE |
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After the topology has been saved, you use the embedded deployer in the topology editor to deploy the updated topology.

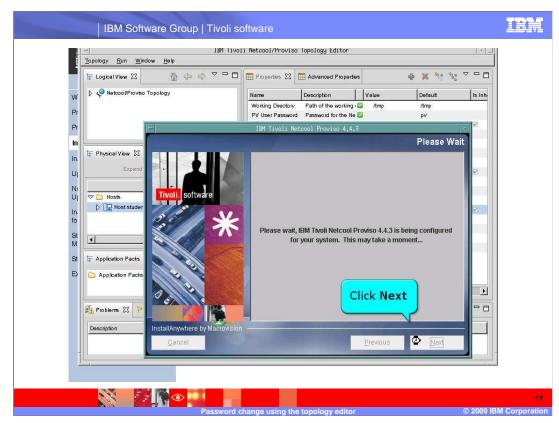
Click **Run Deployer for Installation** from the **Run** pull-down menu.

| Topology Run Window Help | IBM livoli Netcool/Proviso lopology Editor |
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| 🗄 Logical View 🛛 🏠 🔶 🤇 | 🗘 🍸 🗖 🔲 Properties 💥 🛄 Advanced Properties 🛛 🏘 💥 🌯 😵 🍟 🕻 |
| N 👂 🦑 Netcool/Proviso Topology | Name Description Value Default Is Inf |
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| | PV User Password Password for the Ne 😡 pv |
| ⊃ t | DC Root Directory Root directory for Da 🤱 /opt/datachannel /opt/datachannel 🖉 Use Secure File Trar Specifies whether to 🕼 🗋 false false |
| In | SSH Command Path to the ssh com Ssh |
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| w ¥ | |
| Hosts | Click OK |
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| | Temporary Directory Temporary directory 2 /tmp/PvInstall /tmp/PvInstall Host Name The name of the hos 3 student84 localhost |
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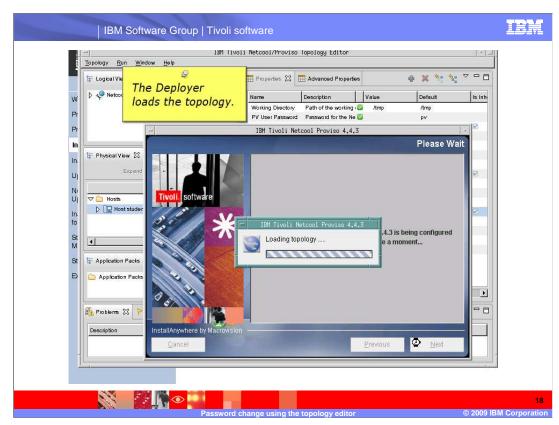
Click **OK** on the informational pop-up window.



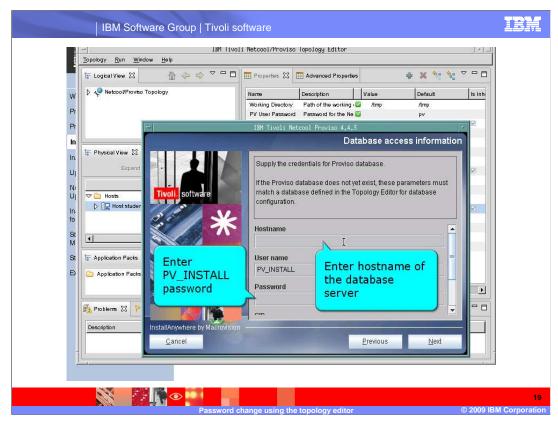
The embedded Deployer is initialized.



Click Next.

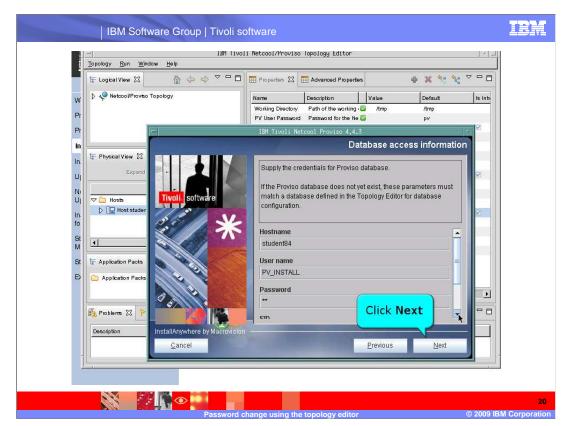


The Deployer loads the topology.

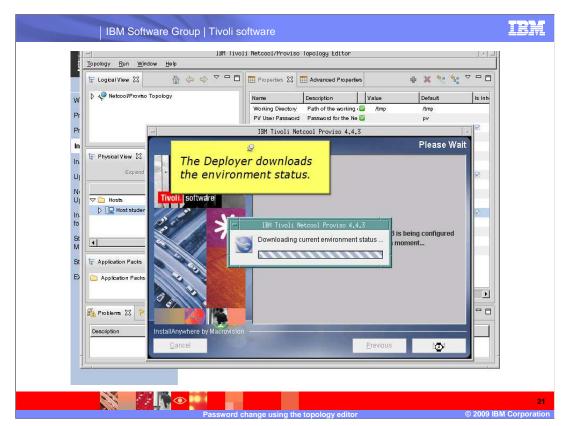


You must now supply credentials for the Netcool/Proviso database. You must enter the host name of the database and the password for the PV_INSTALL database user.

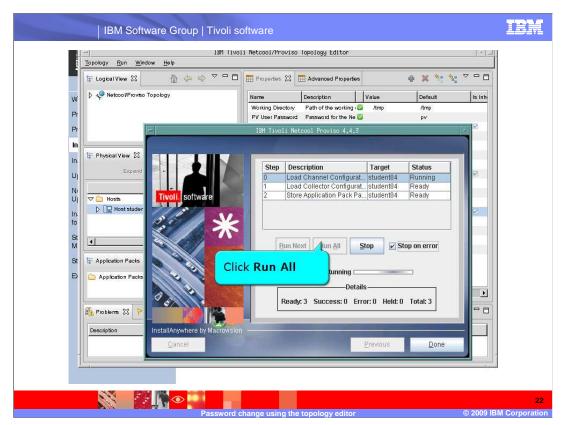
Verify that the information provided and pre-populated is correct for your installation before proceeding.



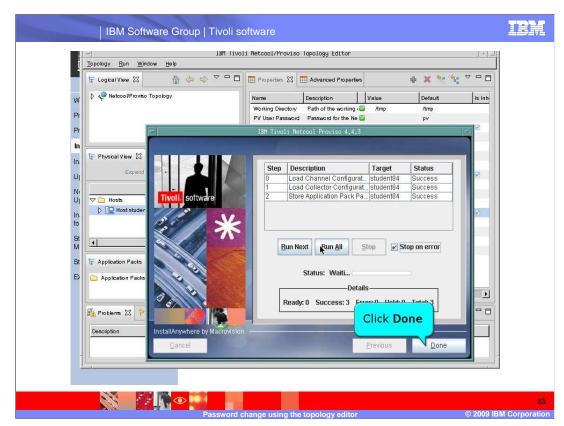
After you have supplied and verified the correct credentials, click Next.



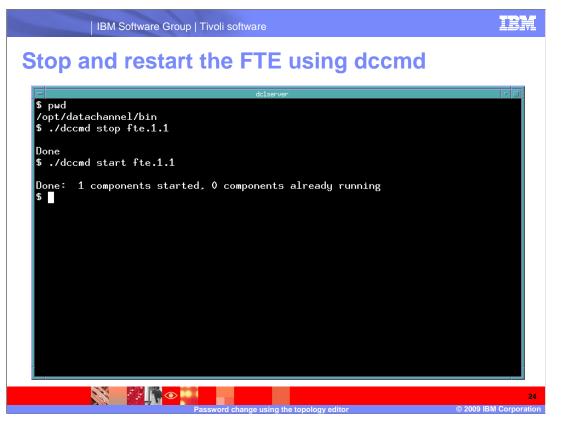
The Deployer now downloads the environment status.



When presented with choices of running the configuration's steps, click **Run All** to update the channel configuration.

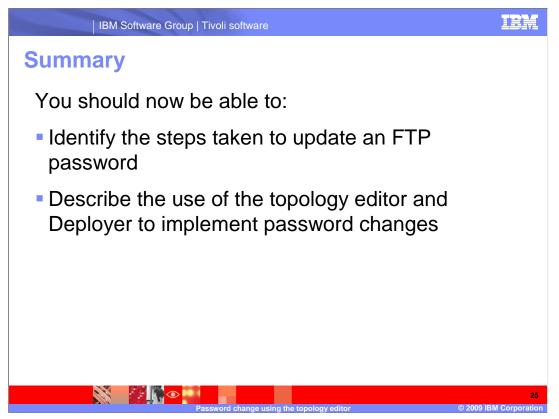


When the steps have successfully completed, click **Done**.



The FTP password used by Netcool/Proviso for the host, student84, has been changed. The DataChannel FTE process for the collector on student84 must now be bounced.

On the DataChannel server for the FTE to be bounced, stop the FTE process using the **dccmd** command. Then restart the FTE process, using the **dccmd** command with the start option for the FTE.



You should now be able to list the steps to update an FTP password and use the topology editor and deployer to change passwords.



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

IBM Software Group | Tivoli software

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Netcool Proviso Tivoli

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