



IBM Tivoli Training Netcool/Proviso 4.4.3

Change FC_QUOTA values using the topology editor

Tivoli software

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This module describes changing FC_QUOTA values using the Netcool/Proviso® topology editor.

Objectives

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

- Identify the steps taken to update **FC_QUOTA** values
- Describe the use of the **topology editor** and **deployer** to implement **FC_QUOTA** changes

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Upon completion of this module, you should be able to identify the steps taken to update **FC_QUOTA** values and describe the use of the **Topology Editor** and **Deployer** to implement **FC_QUOTA** changes.

Assumptions

Before undertaking these tasks:

- You must have Netcool/Proviso 4.4.3, or later, installed and running
- You have access to the servers in the Proviso installation and root access to run the **Launchpad**
- You must have a Web browser installed in order to run the **Launchpad**

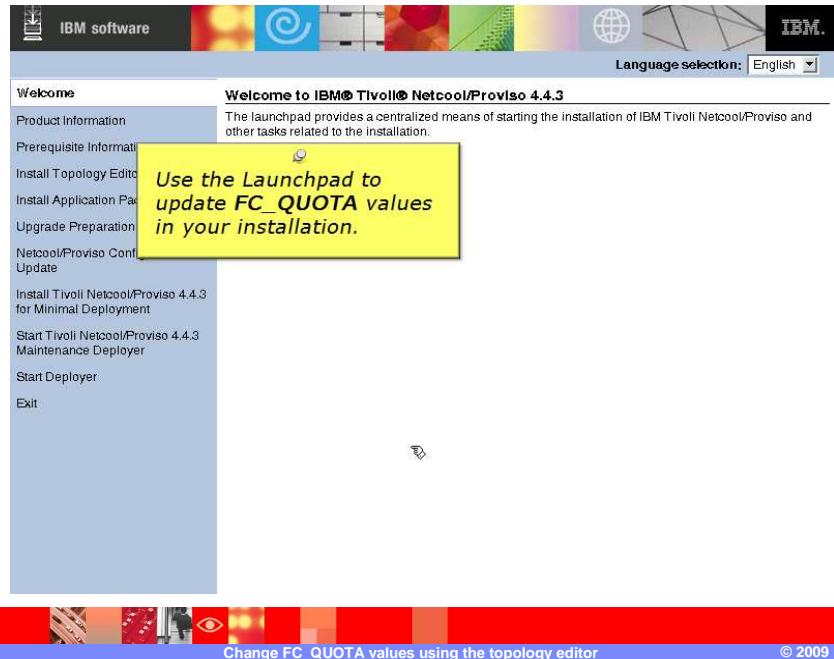
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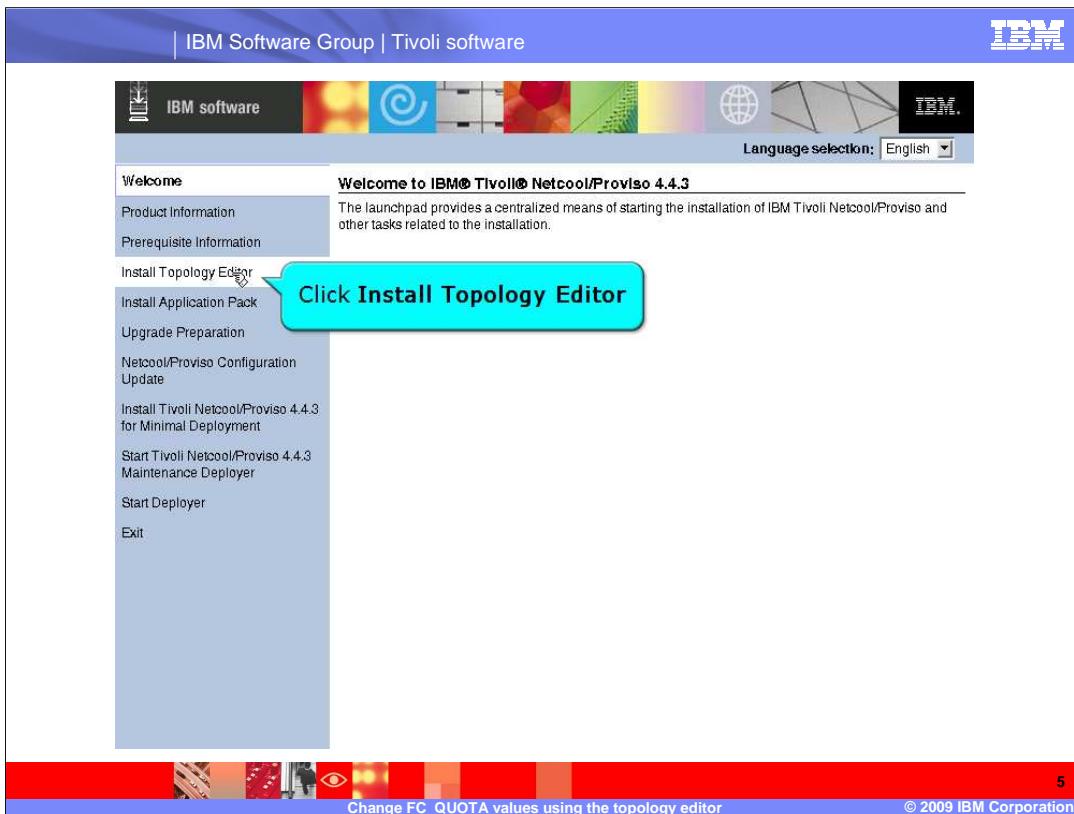
Before undertaking these tasks, you must have Netcool/Proviso 4.4.3, or later, installed and running. You must have access to the servers in the Proviso installation and root access to run the Launchpad, and you must have a Web browser installed to run the Launchpad.

Changing FC_QUOTA values



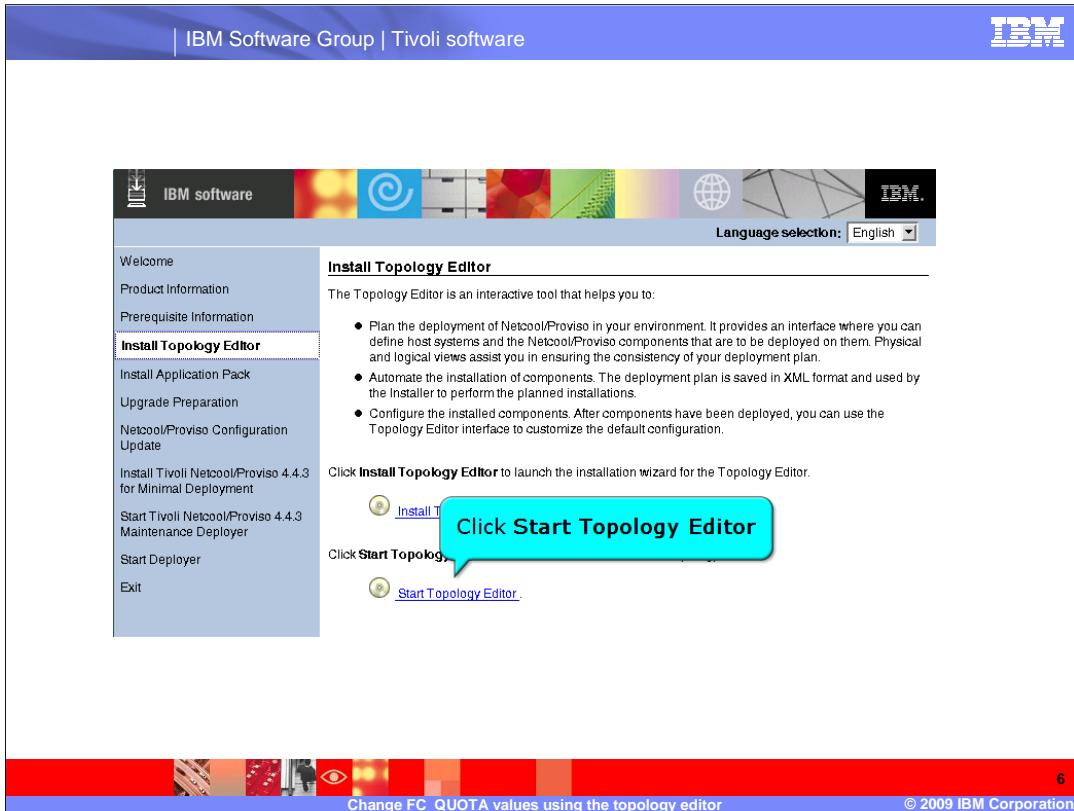
Before Netcool/Proviso 4.4.3, you changed **FC_QUOTA** values by editing configuration files.

In Netcool/Proviso 4.4.3, you use the **Topology Editor** to change the **FC_QUOTA** values. From there the new **FC_QUOTA** values are deployed into the installation.

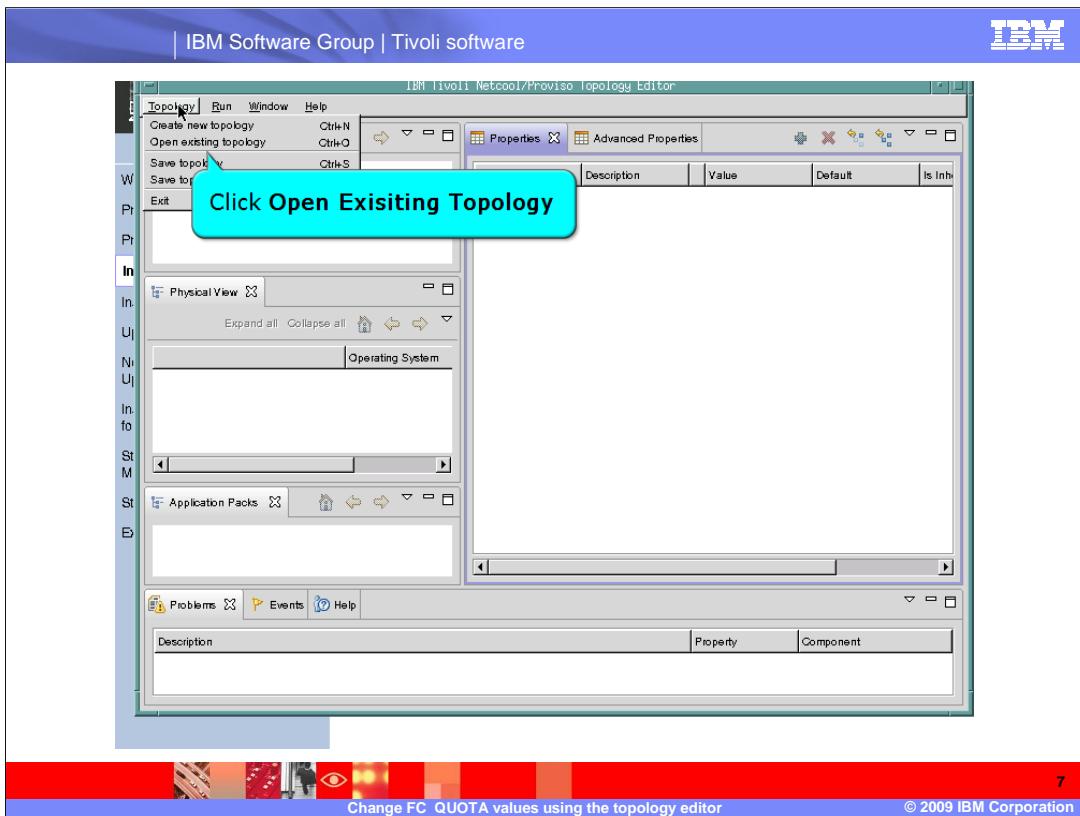


To change **FC_QUOTA** values, you must launch the **Topology Editor**. In this example the **Topology Editor** will be launched from the Netcool/Proviso 4.4.3 **Launchpad**.

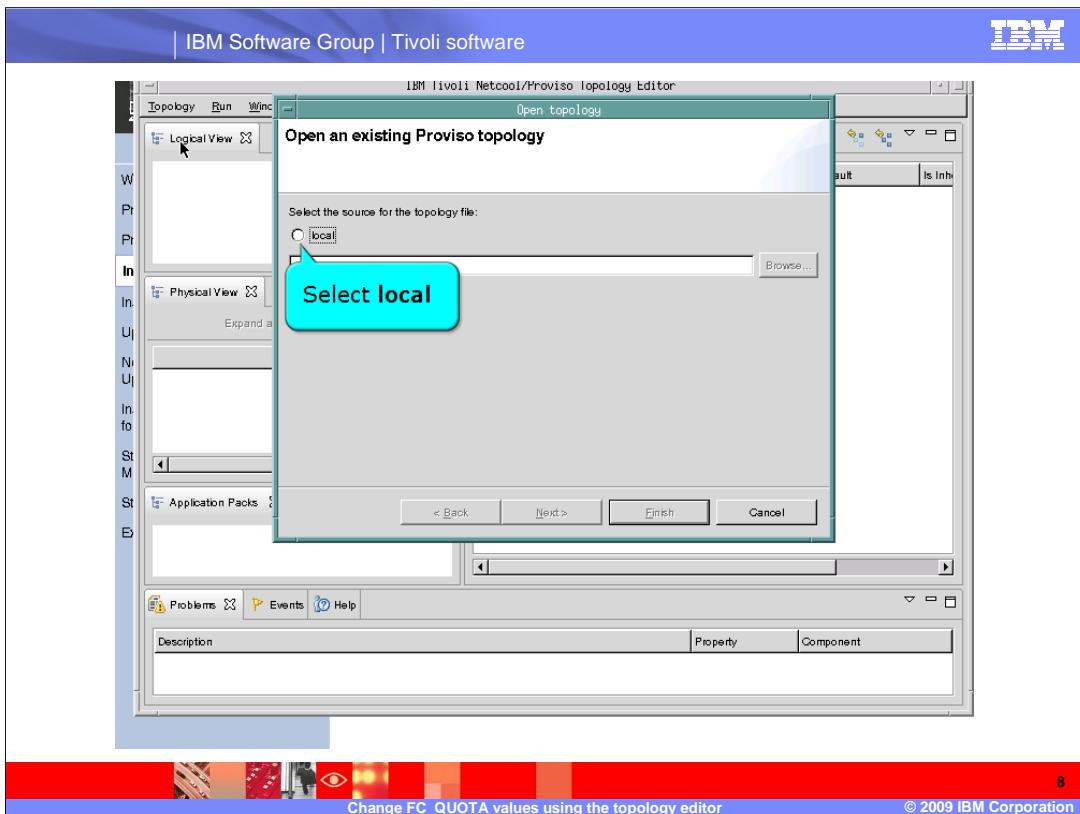
As **root**, on the server where the **launchpad.sh** is located, run the **launchpad.sh** command. When the **Launchpad** graphical user interface (or GUI) is displayed, click **Install Topology Editor**.



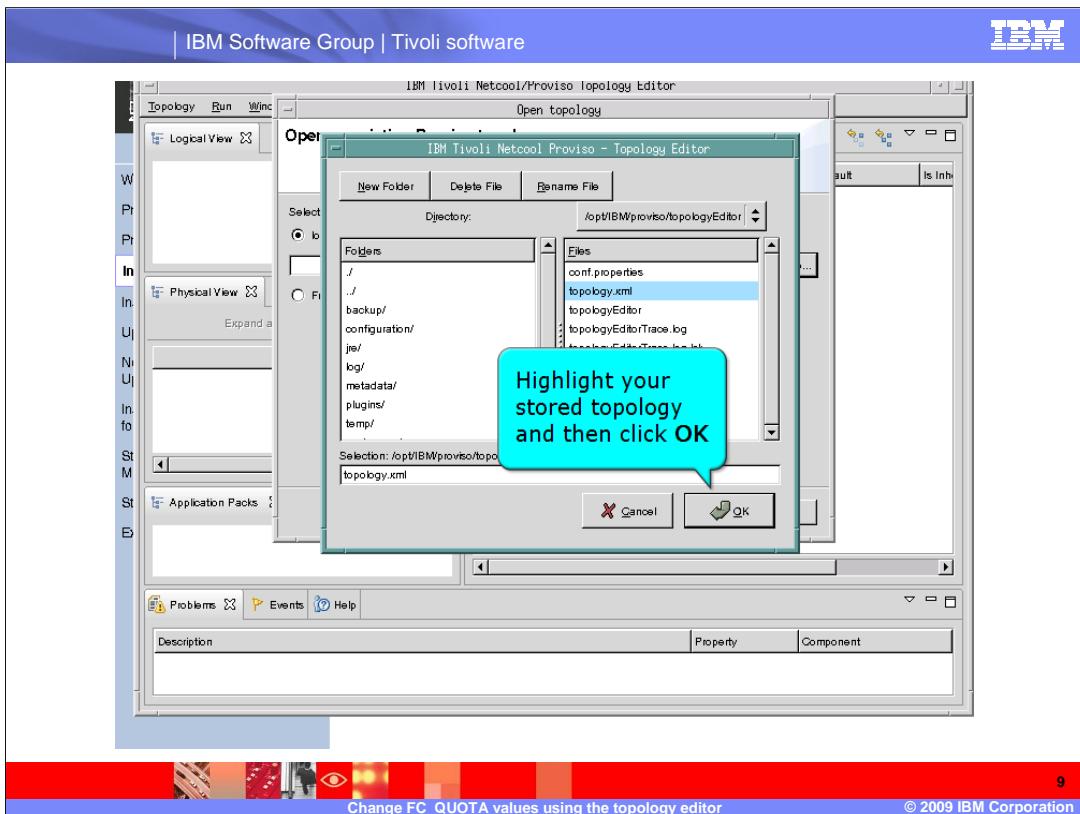
When **Install Topology Editor** is displayed within the Launchpad GUI, click **Start Topology Editor**.



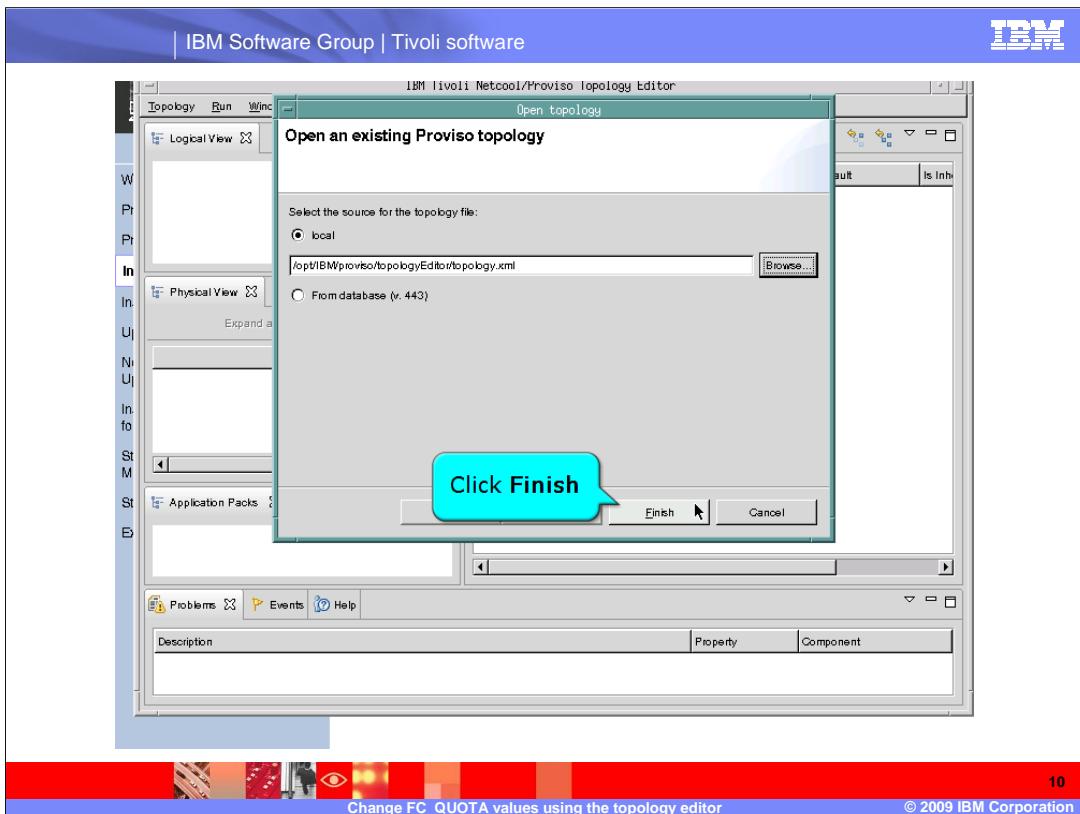
The **Topology Editor** will open in a pop-up window. This example uses an existing topology file. Click **Open Existing Topology** from the **Topology** pull-down menu.



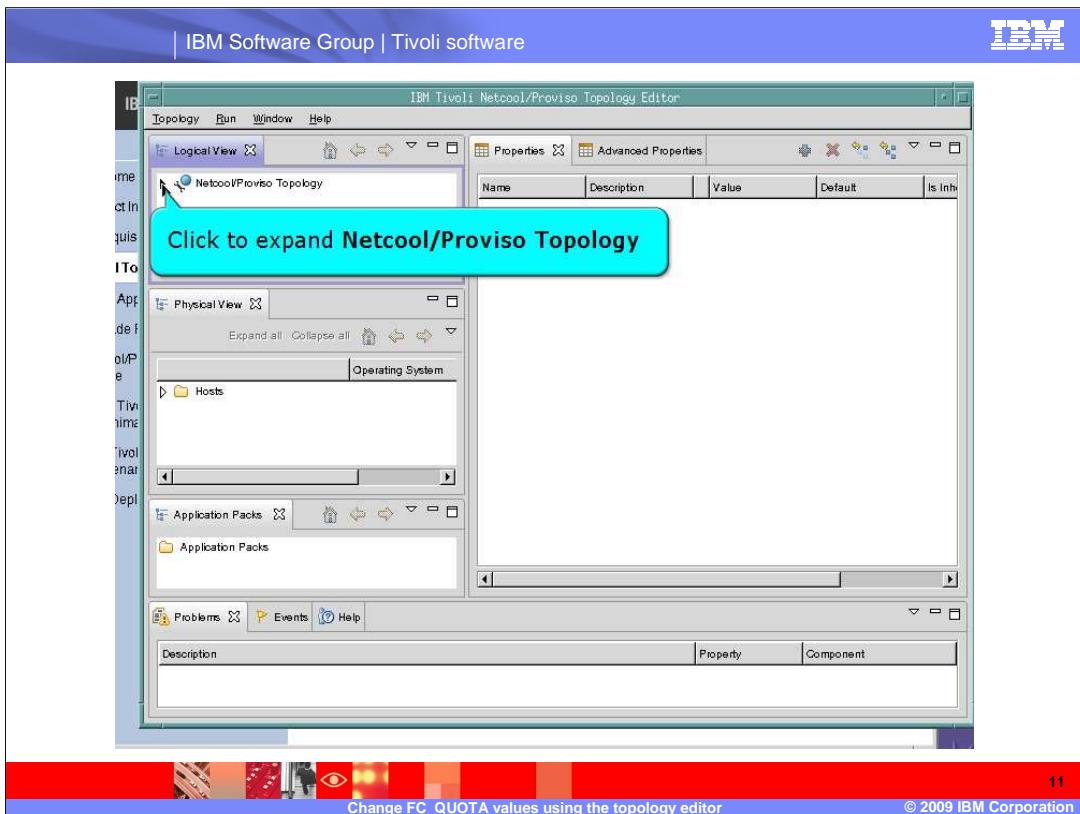
The topology file used in this example is a local topology file. Click **local**.



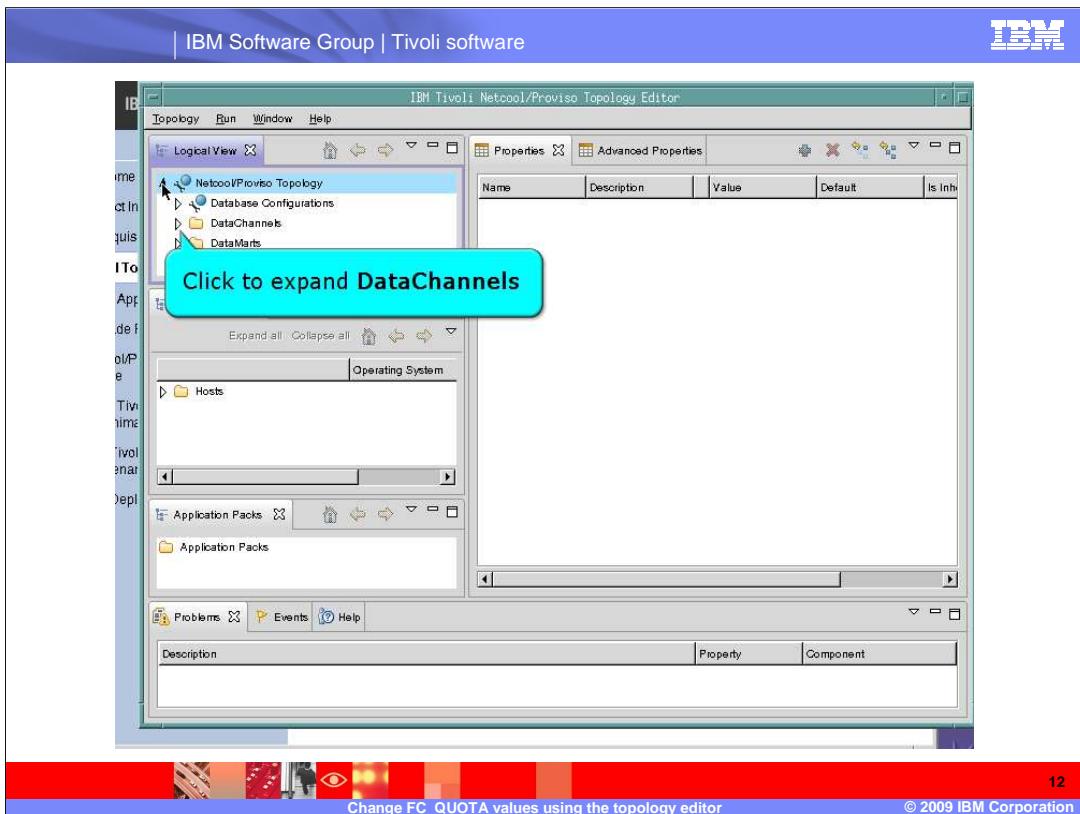
This example uses the default topology file called **topology.xml**, located on the server at **/opt/IBM/proviso/topologyEditor**. Highlight the **topology.xml** file and click **OK**.



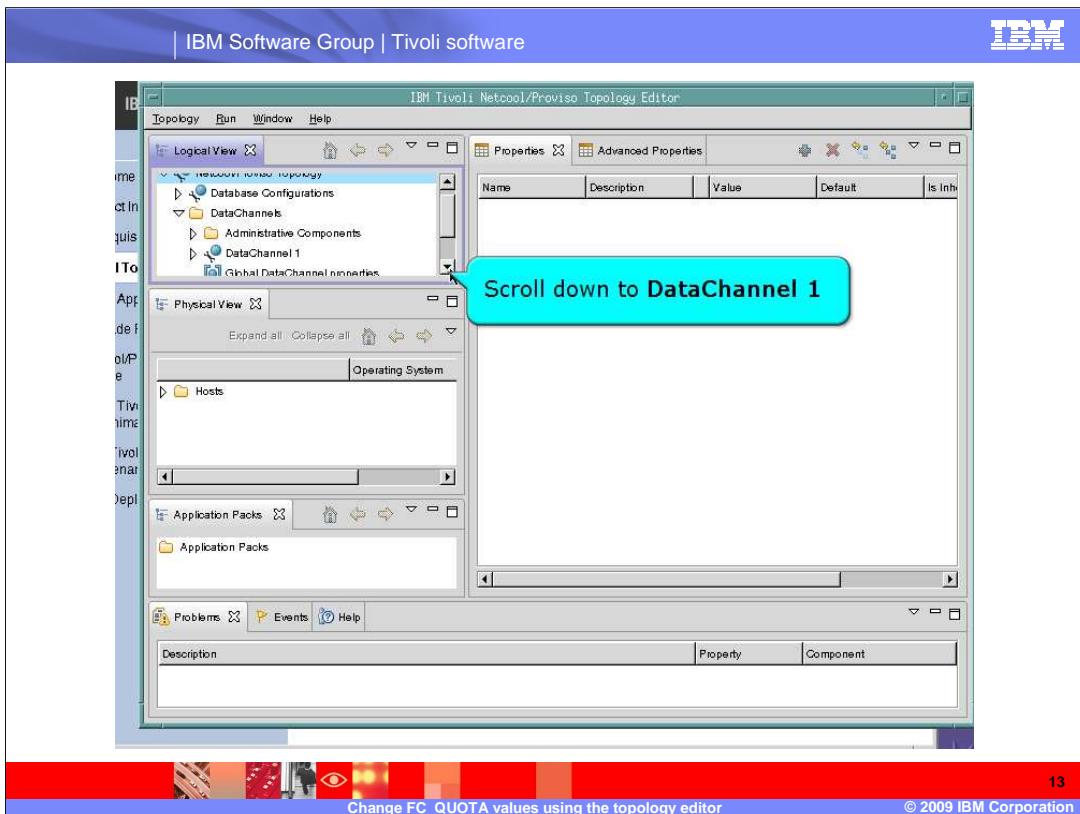
After you have selected the **topology.xml** file, click **Finish**.



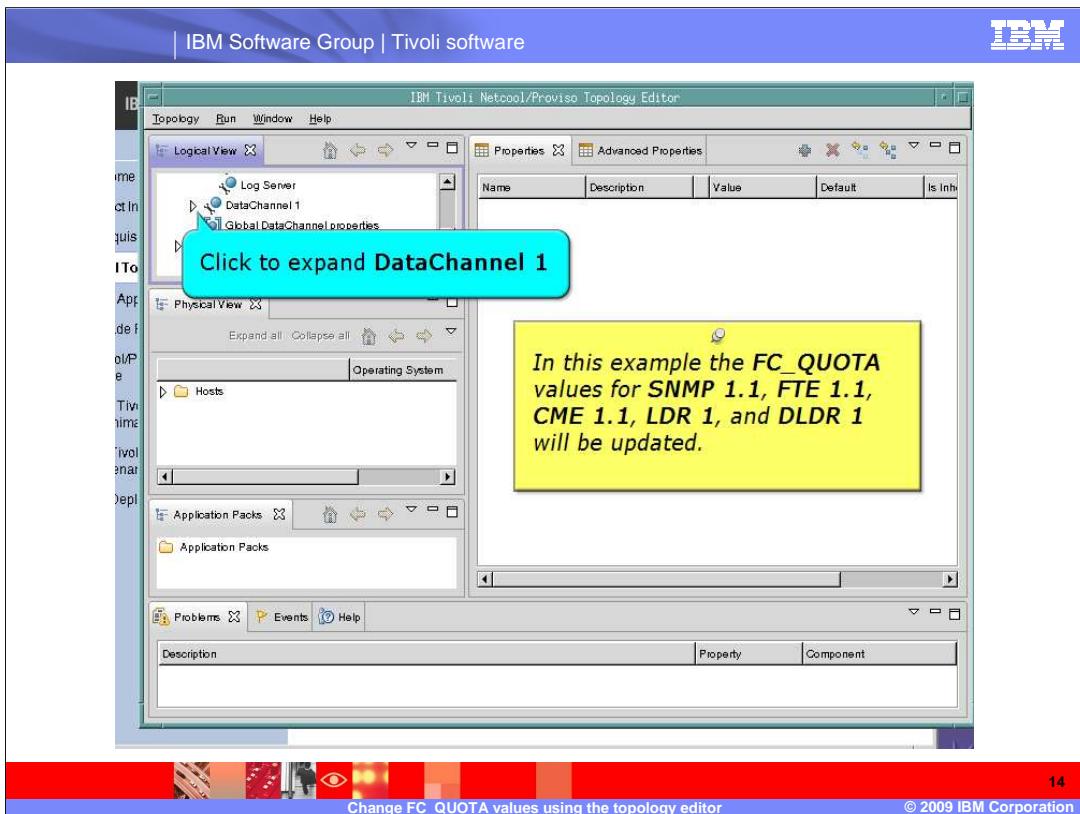
In the **Topology Editor**, under **Logical View**, expand **Netcool/Proviso Topology**.



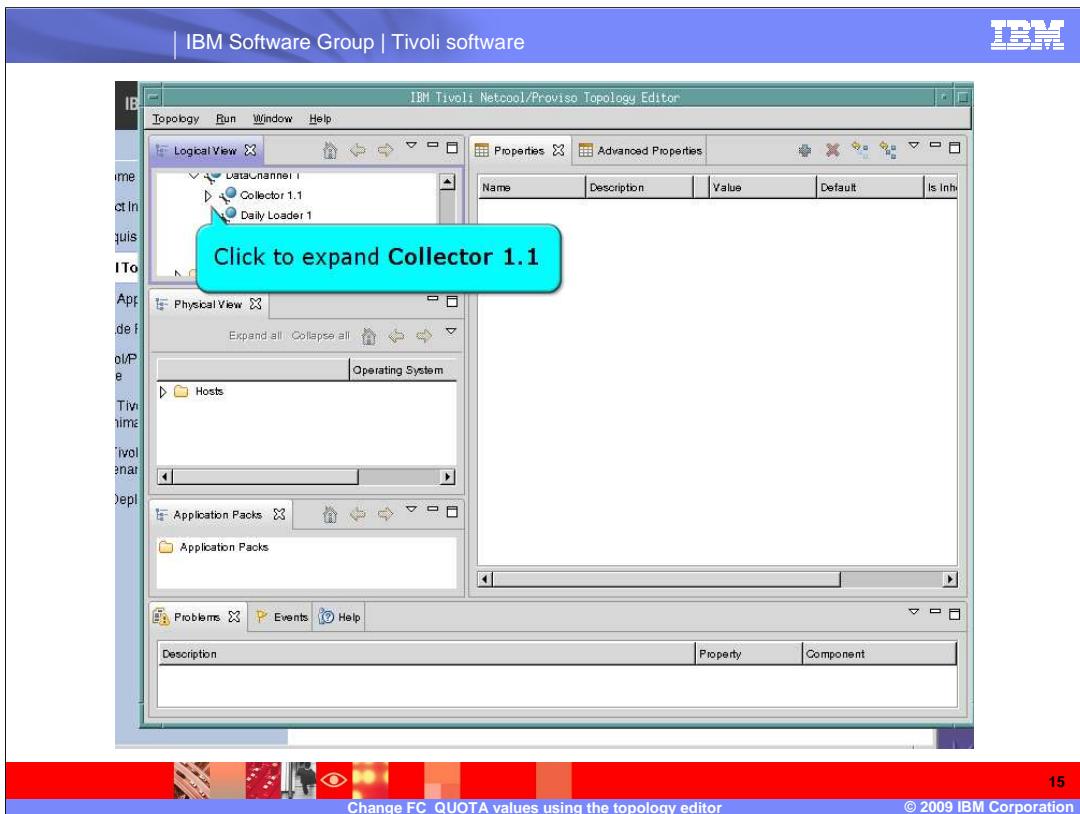
Click to expand **DataChannels**.



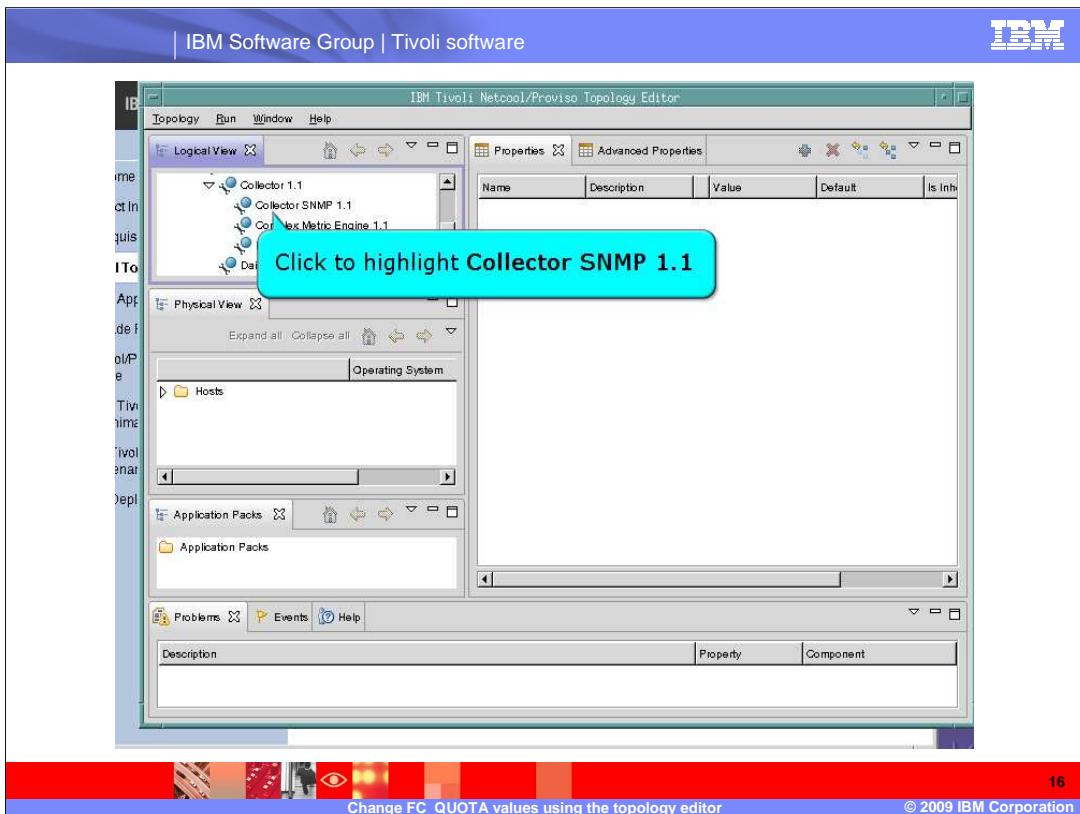
Use the scrollbar to display **DataChannel 1** components.



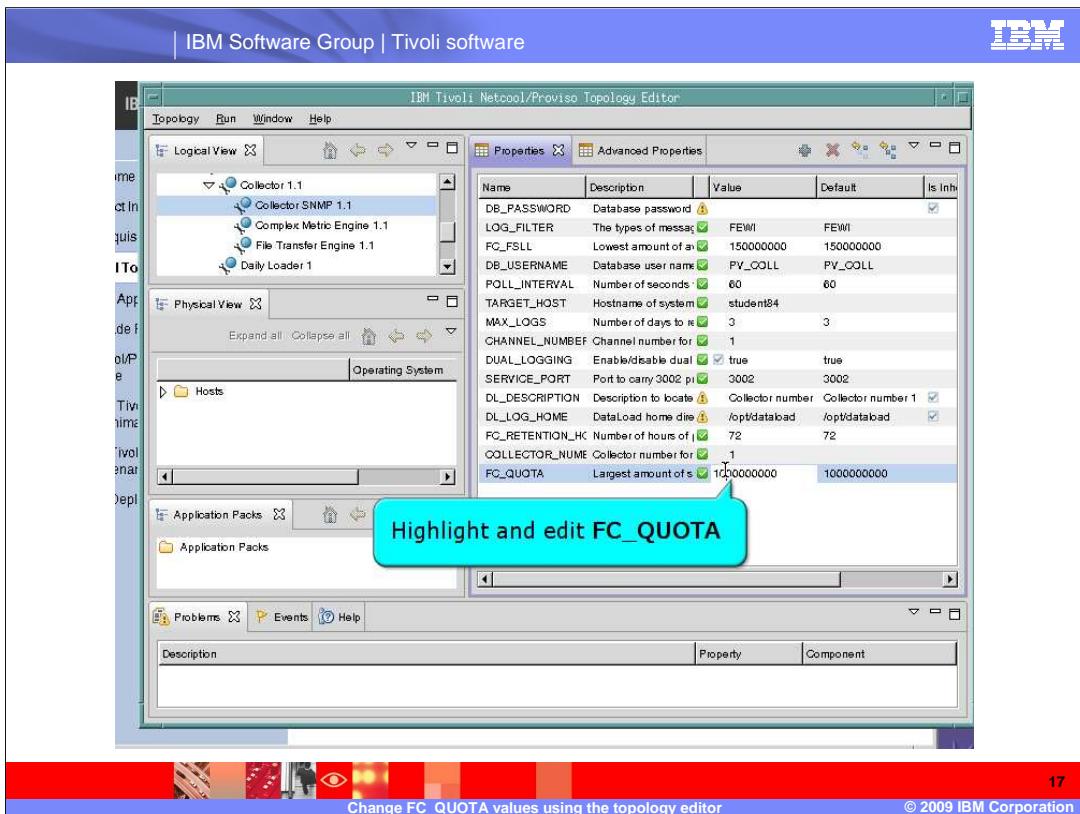
Click to expand to the component view of **DataChannel 1**. In this example the **FC_QUOTA** values for **SNMP 1.1**, **FTE 1.1**, **CME 1.1**, **LDR 1**, and **DLDR 1** will be updated.



Click to expand **Collector 1.1**.



Click to highlight Collector SNMP 1.1.



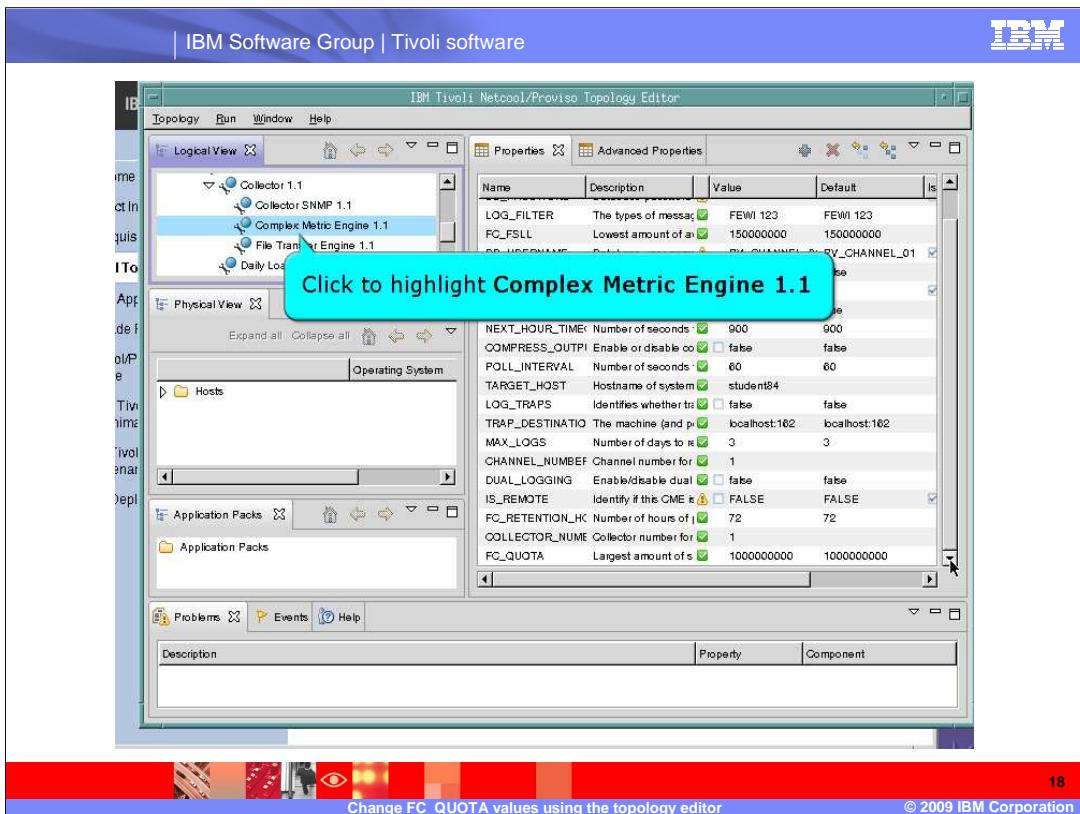
Highlight and edit FC_QUOTA

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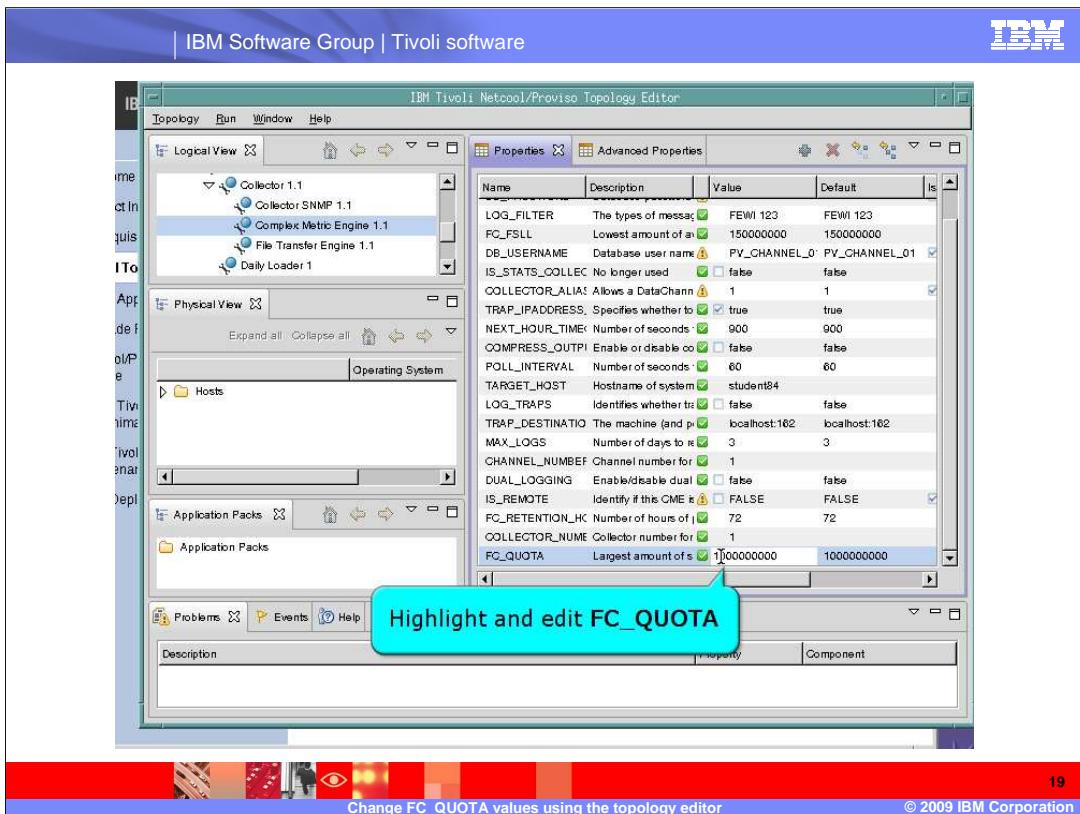
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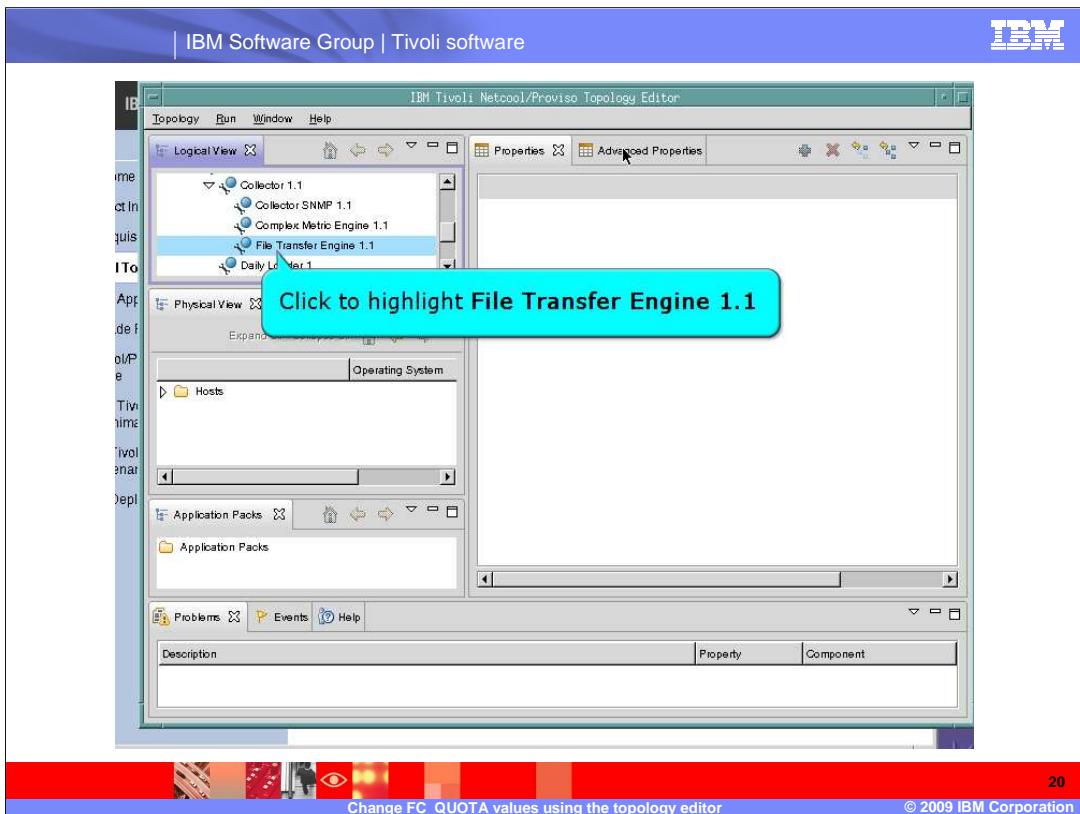
Highlight and edit the **FC_QUOTA** value for **Collector SNMP 1.1**.



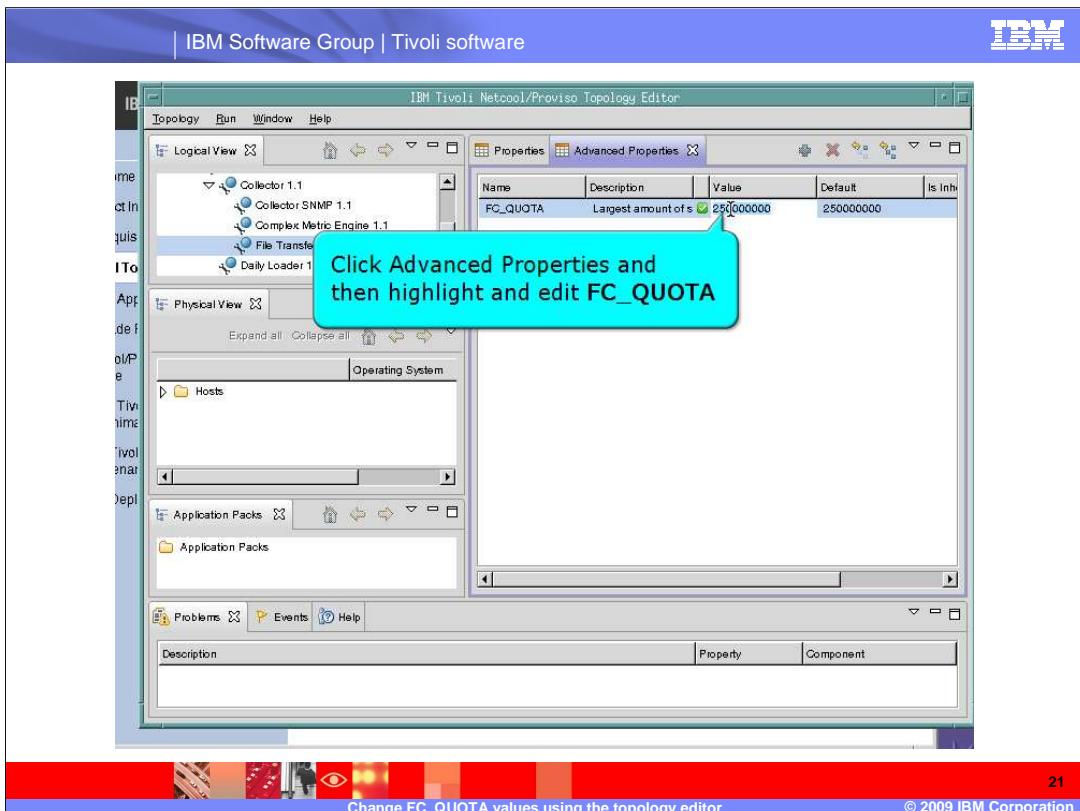
Click to highlight Complex Metric Engine 1.1.



Highlight and edit the **FC_QUOTA** value for **Complex Metric Engine 1.1**.



Click to highlight **File Transfer Engine 1.1**.

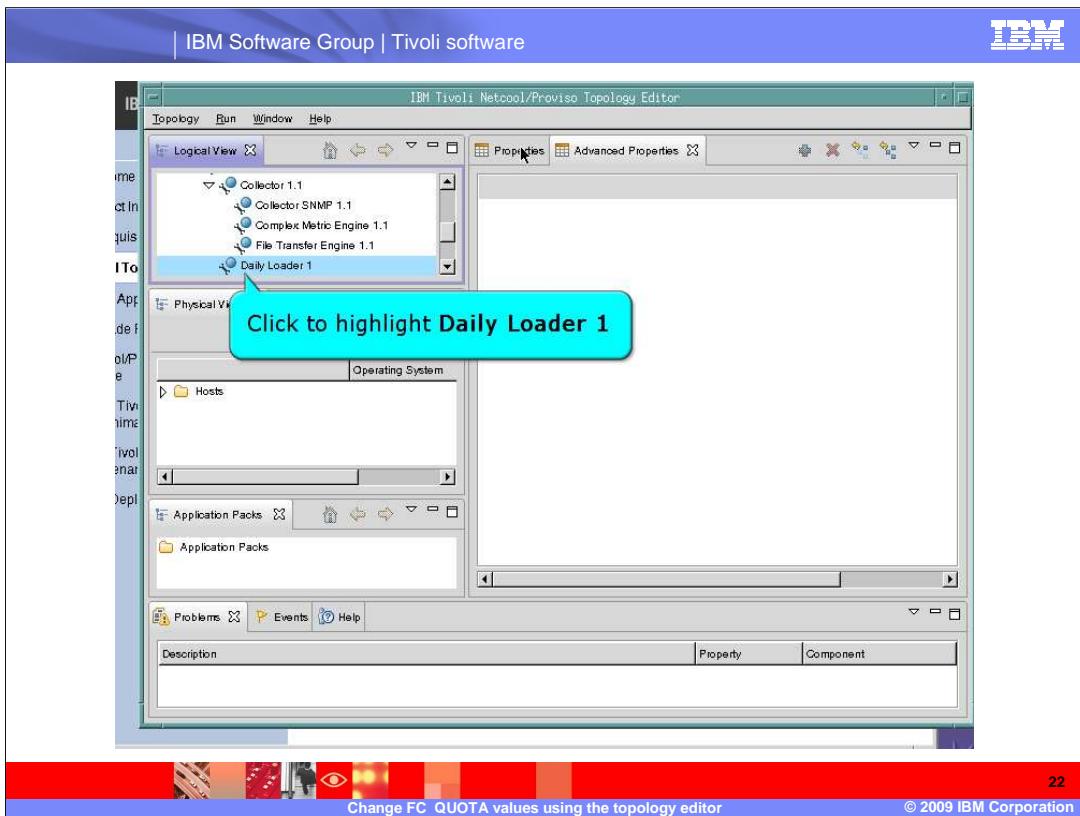


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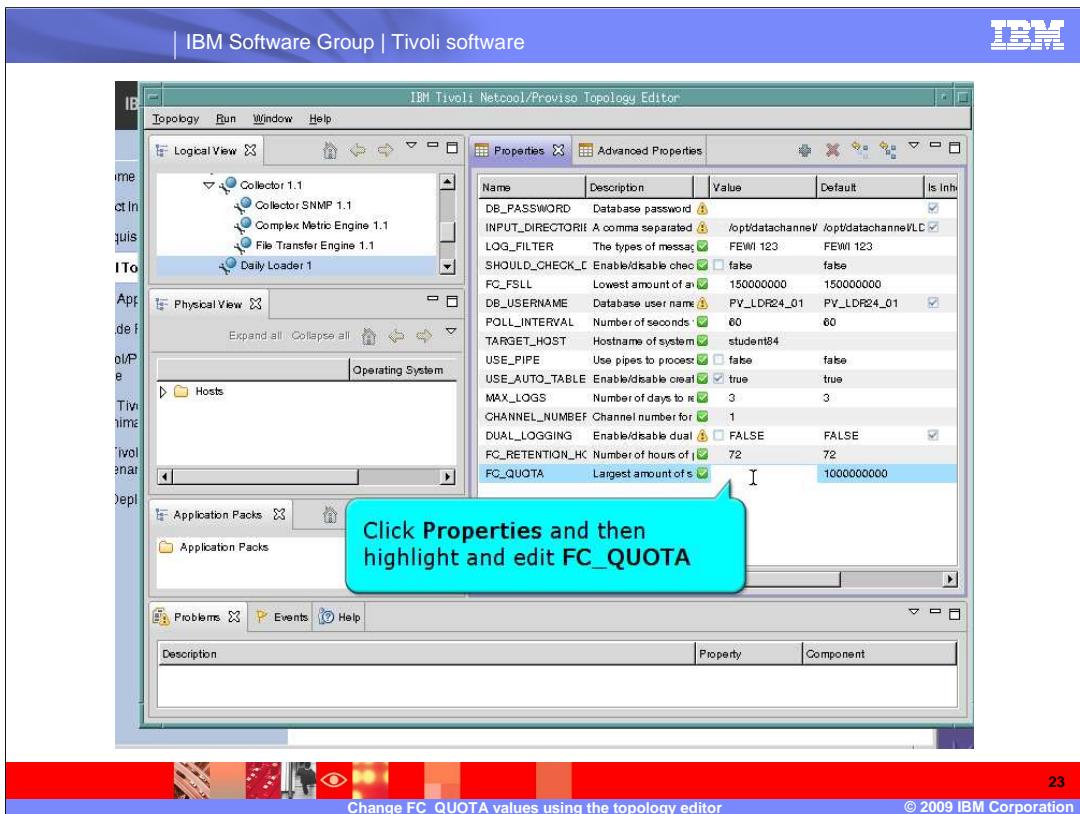
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The **FC_QUOTA** property is located within the **Advanced Properties** tab for the **File Transfer Engine**. Click the **Advanced Properties** tab and then highlight and edit the **FC_QUOTA** value.



Click to highlight Daily Loader 1.

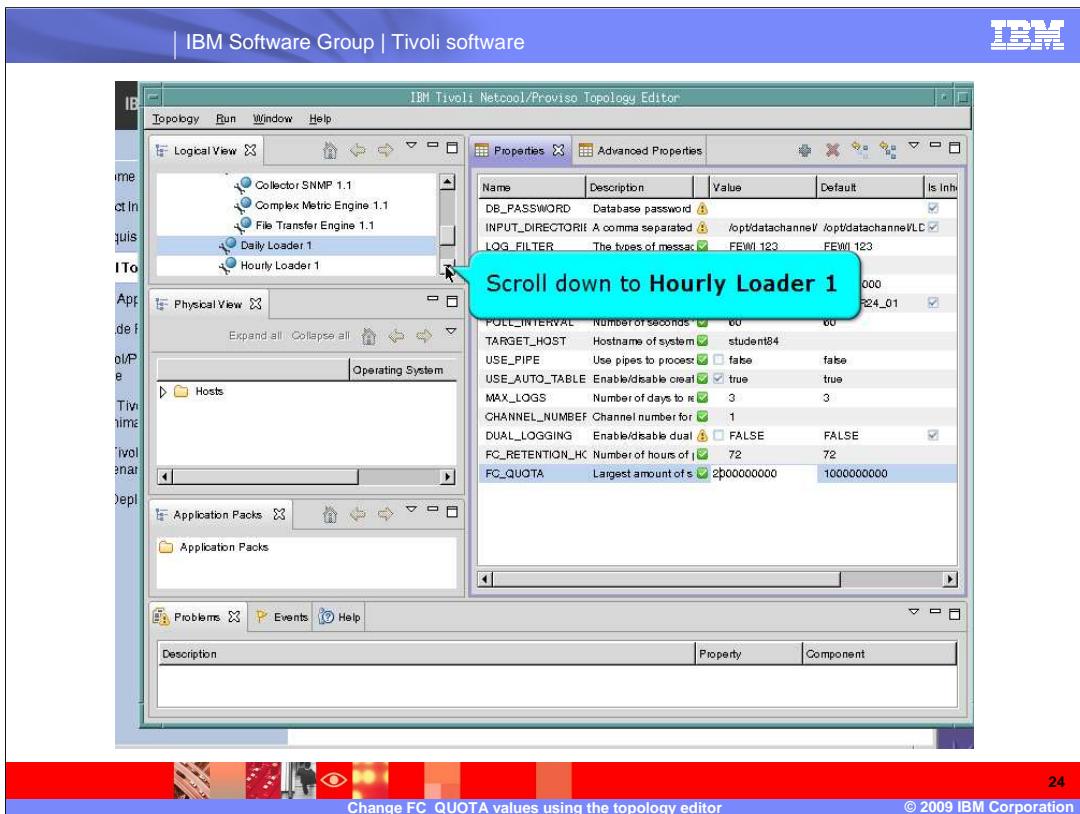


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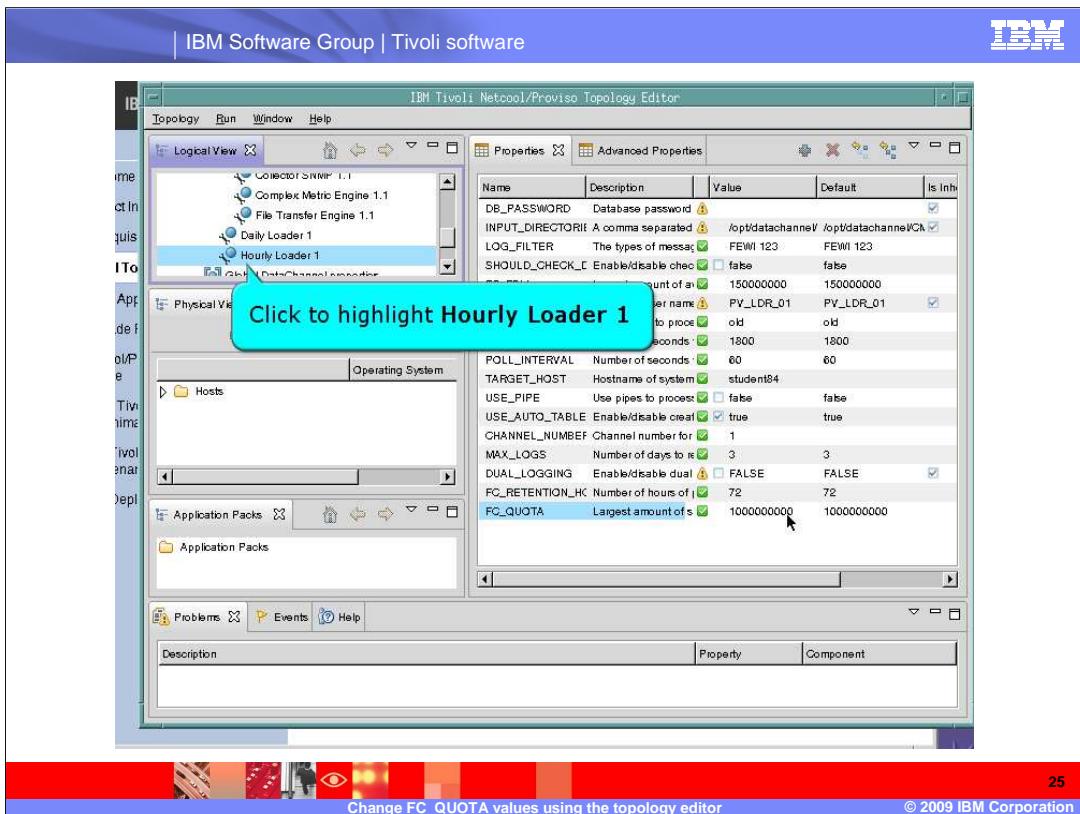
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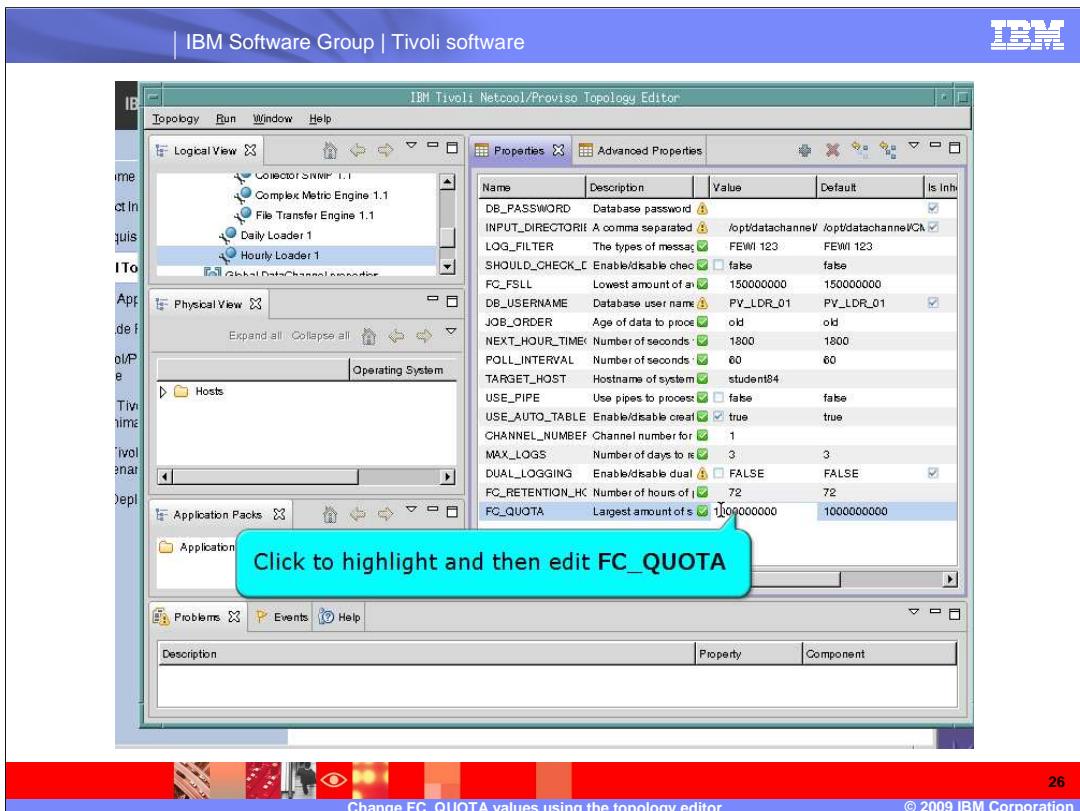
The **FC_QUOTA** property is found under the **Properties** tab for **Daily Loader**. Click the **Properties** tab and then highlight and edit the **FC_QUOTA** value for **Daily Loader 1**.



Scroll down to display **Hourly Loader 1**.



Click to highlight Hourly Loader 1.

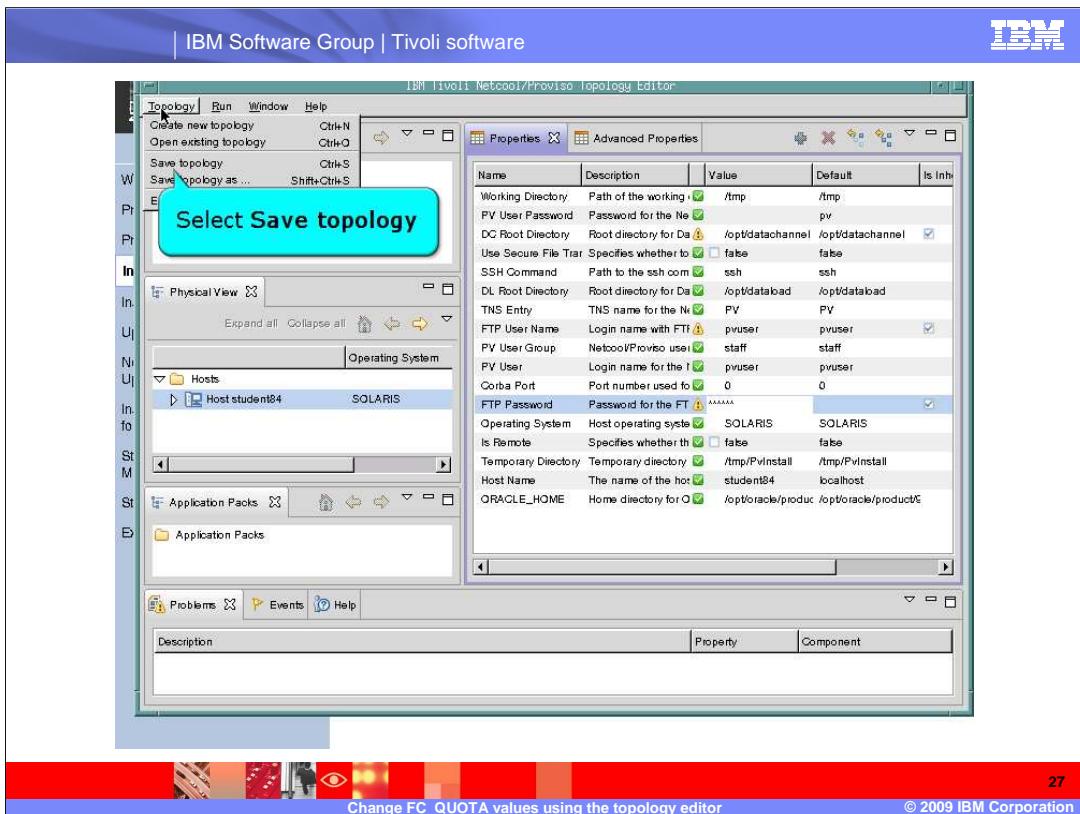


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Click to highlight and then edit the **FC_QUOTA** value for **Hourly Loader 1**.

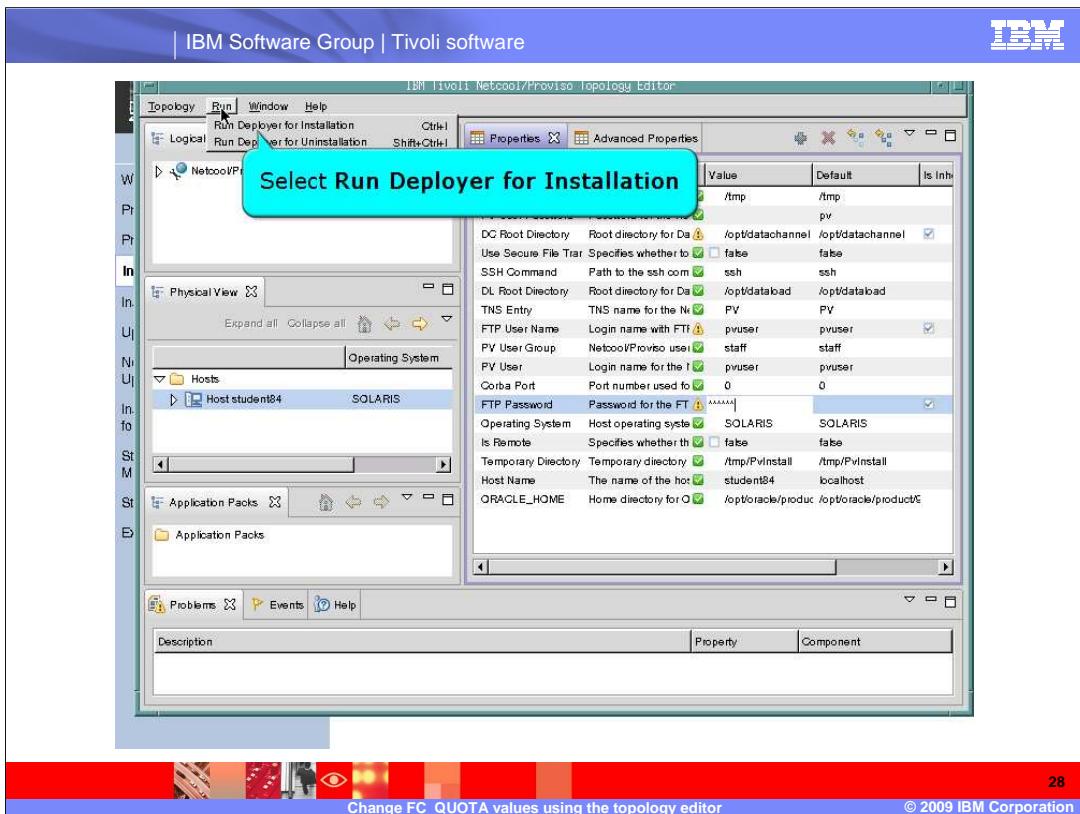


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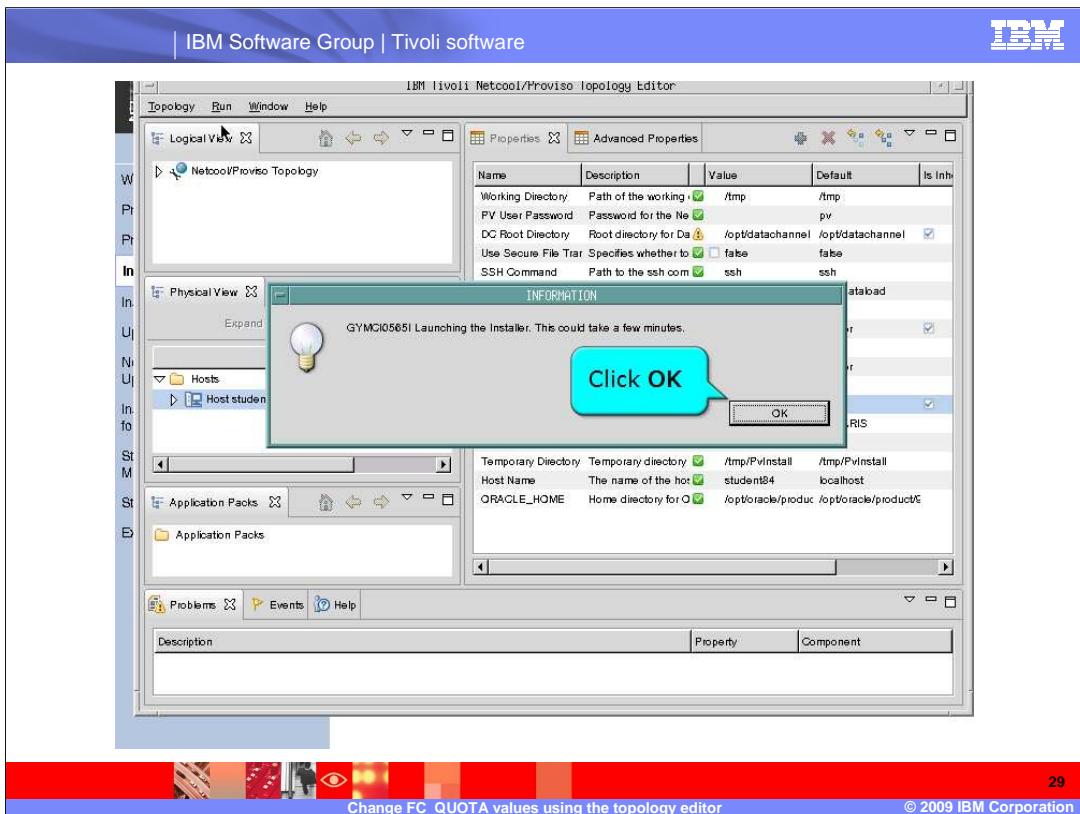
After you have updated the **FC_QUOTA** values, you must save the topology before it can be deployed. In the **Topology** pull-down menu, click **Save Topology**. This action saves the topology file that was updated using the **Topology Editor**.



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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.

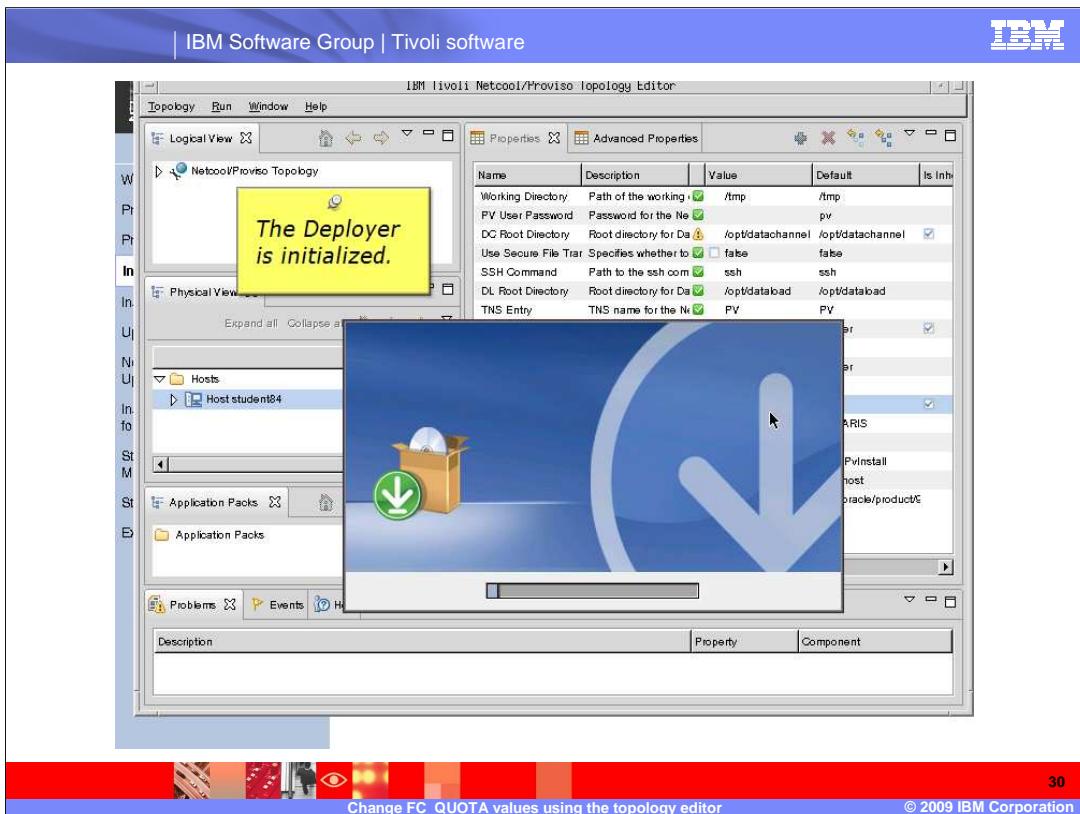


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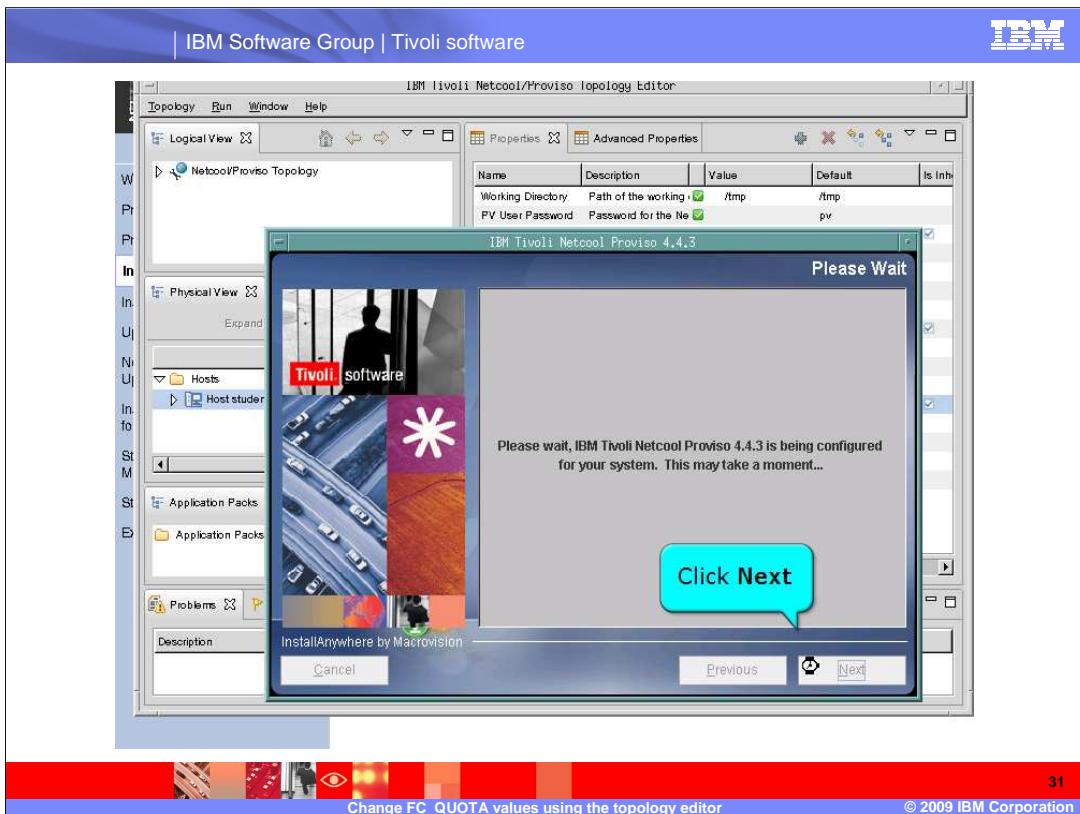
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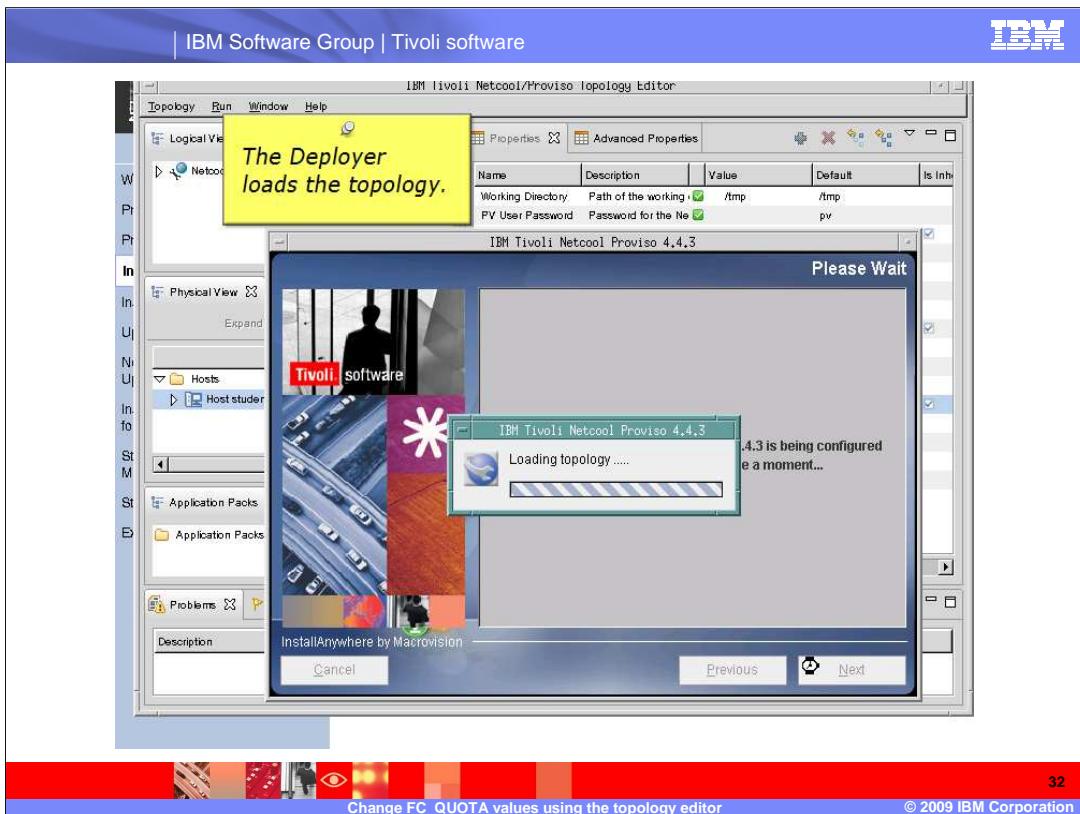
Click **OK** on the informational pop-up window.



The embedded **Deployer** is initialized.



Click **Next**.

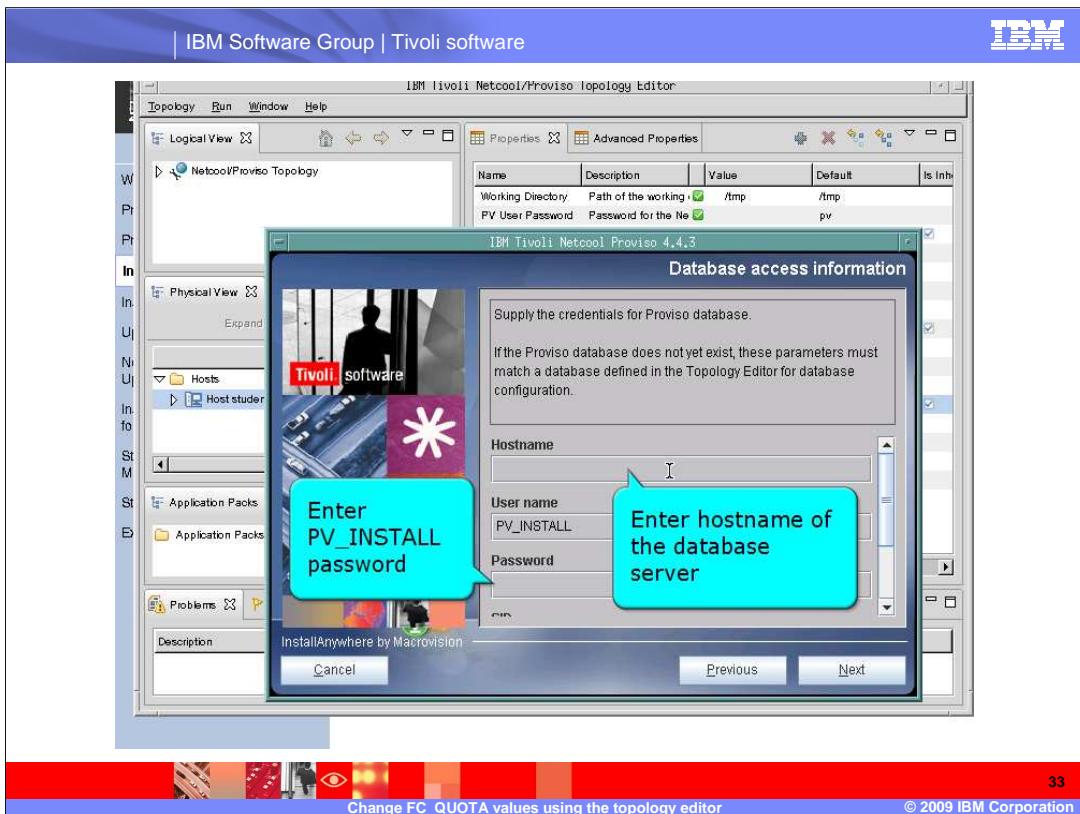


The **Deployer** loads the topology.

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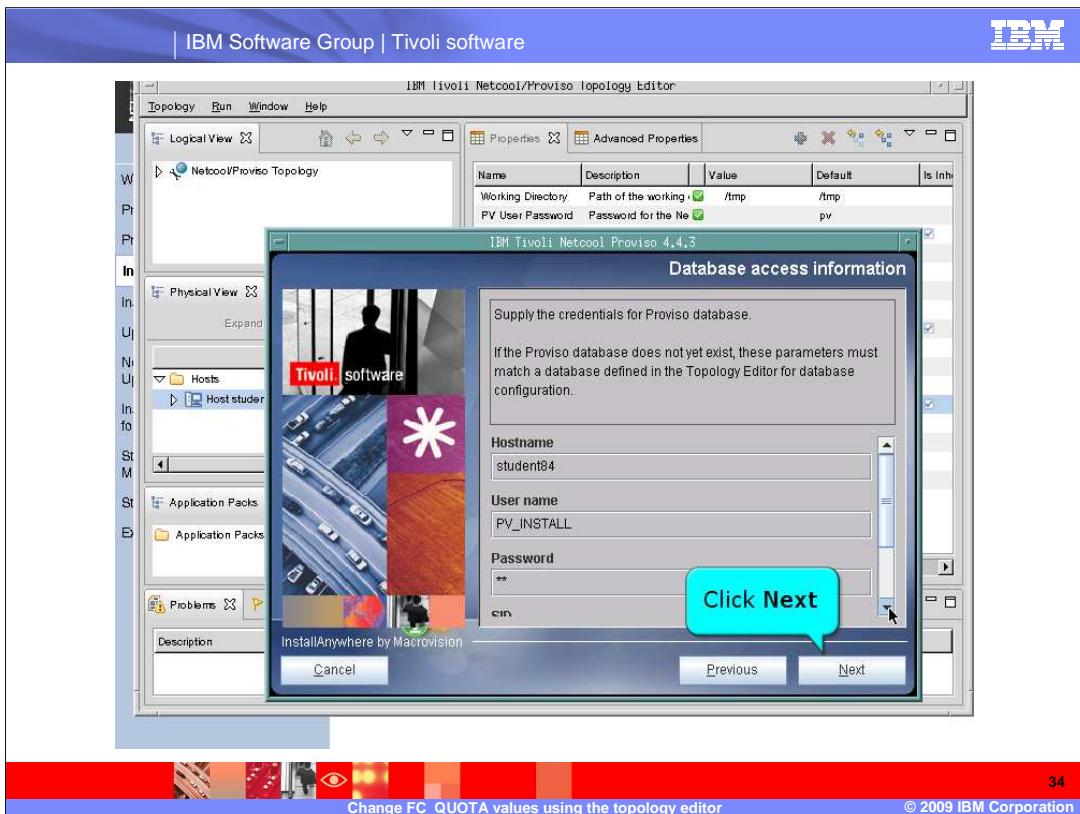
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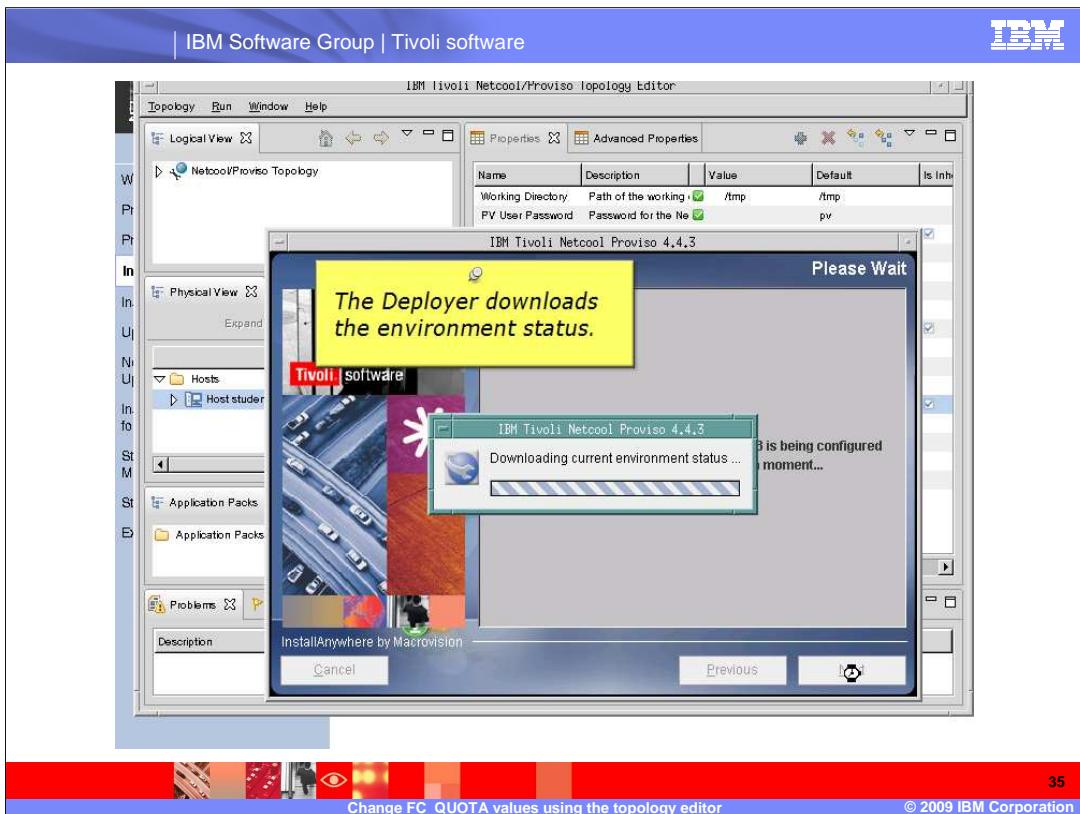
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You must now supply credentials for the Netcool/Proviso database. You must enter the host name of the database and the password for the PV_INSTALL database user.

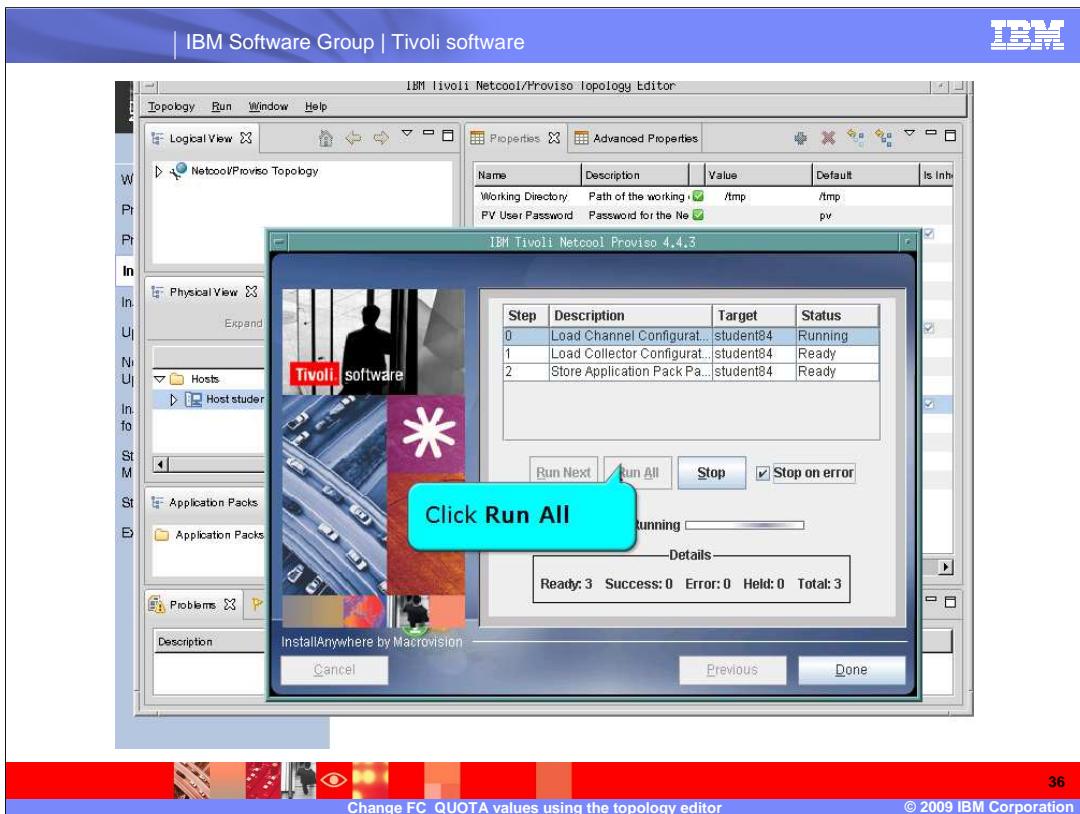
Verify that the information provided and pre populated is correct for your installation before proceeding.



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



The **Deployer** now downloads the environment status.

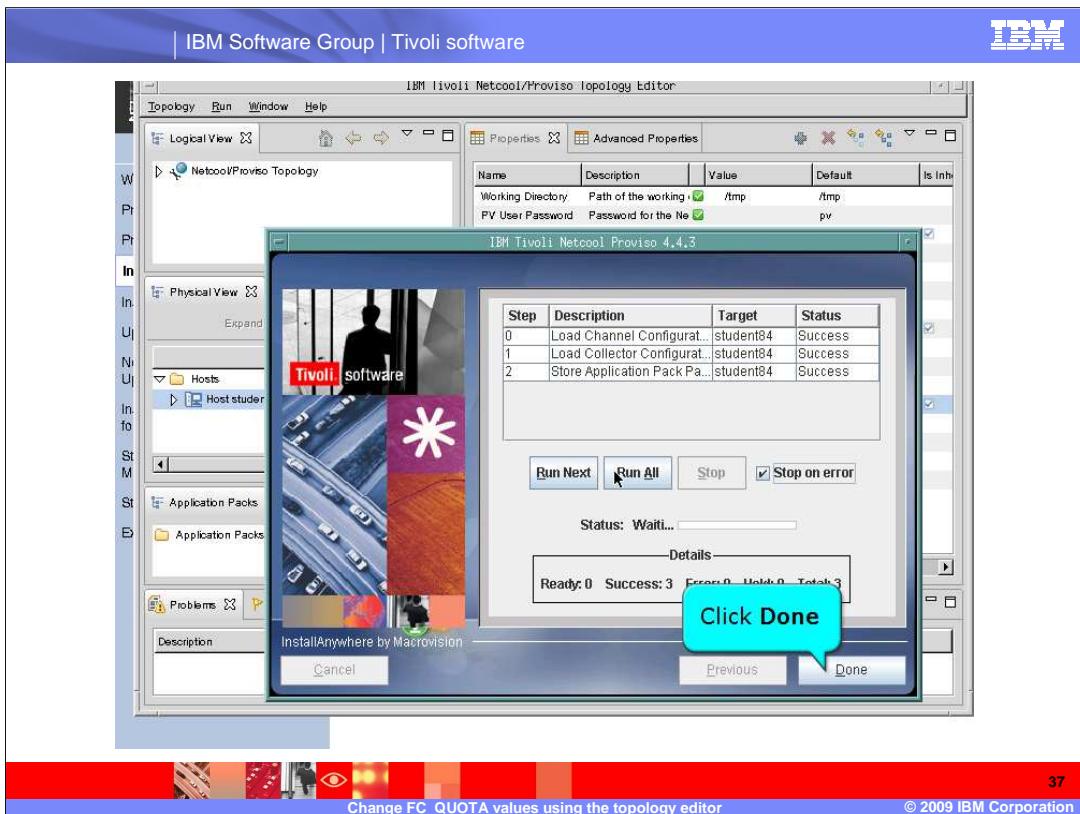


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When presented with choices of running the configuration's steps, click **Run All** to update the channel configuration.



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

Stop and restart the channel components

```
$ pwd  
/opt/datachannel/bin  
$ ./dccmd stop all  
Done  
$ ./dccmd start all  
Done: 5 components started, 0 components already running  
$
```

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The **FC_QUOTA** values for **Channel 1** have been changed. The **DataChannel** components must be stopped and restarted. This work should be scheduled with your Proviso installation's administrators in order to minimize the impact on collection.

On the **DataChannel** server for **Channel 1**, stop the processes using the **dccmd** command. Then restart the processes, using the **dccmd** command with the **start** option.

Summary

You should now be able to:

- Identify the steps taken to update **FC_QUOTA** values
- Describe the use of the **Topology Editor** and **Deployer** to implement **FC_QUOTA** changes

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You should now be able to identify the steps taken to update **FC_QUOTA** values and describe the use of the **topology editor** and **deployer** to implement **FC_QUOTA** changes.

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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