



# IBM Tivoli Netcool/Proviso 4.4.3

## *Controlling access to DataMart tools*



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This IBM Education Assistant module demonstrates adding users and groups to Tivoli Netcool/Proviso 4.4.3 DataMart.

## Objectives

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

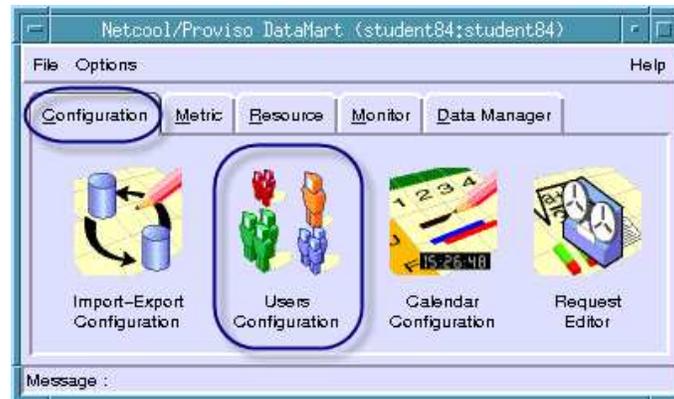
- Describe how to use the Users Configuration module
- Define the use of group permissions to restrict user access to DataMart tools

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Describe how to use the Users Configuration module

Define the use of group permissions to restrict user access to DataMart tools

## Users configuration tool



The Netcool/Proviso administrator can use the **Users Configuration** tool to control access to Netcool/Proviso DataMart tools.

With the **Users Configuration** tool the Netcool/Proviso administrator can control:

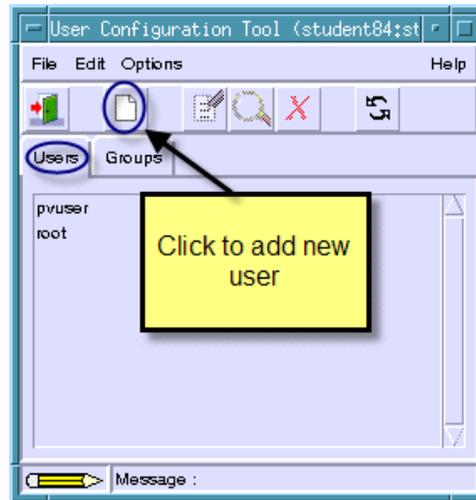
Which users can launch the DataMart tools

Which users have read-only access to the DataMart tools

Which users have full access to the DataMart tools

Specific groups of users need access to some but not all of the DataMart GUI tool modules. You can construct groups to permit access to the modules that a group needs and to restrict access to the modules that a group does not need.

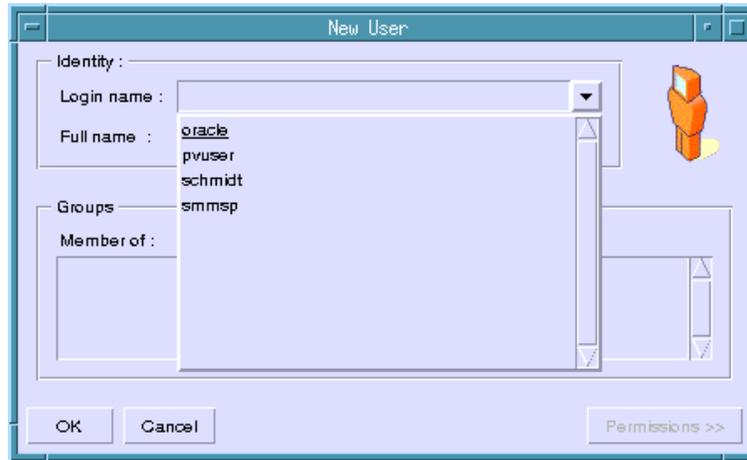
## Adding a user



After you run the **Users Configuration** tool, you can add, modify, or delete access to the DataMart tools for groups and users. In this example, you are adding a user.

Two users currently exist by default, the root user and the user created at installation. In this example, the name of the user is **pvuser**. Click the add icon to add a user.

## Selecting a user to add



A user must have a system login on the DataMart server before you can add that user to the DataMart. In this example you see a list of UNIX<sup>®</sup> users in the drop-down menu of the **New User** window.

## Add user, add description, and associate group to user

The screenshot shows the 'New User' dialog box. The 'Full name' field is highlighted with a blue oval and contains the text 'Juan Schmidt - Report Development Team'. In the 'Groups' section, the 'Not member of:' list contains 'reports', 'admin', 'default', and 'pvmUsers'. The 'reports' group is selected. A blue circle highlights the '<<' button between the 'Member of:' and 'Not member of:' lists. The 'OK', 'Cancel', and 'Permissions >>' buttons are visible at the bottom.

After you select the user to add from the menu, type a description for the user in the **Full name** field. Make sure the group to which you are adding the user exists before you add the user to that group.

Select a group to associate with the user. A user can belong to multiple groups, but that decision can affect the permissions available to the user.

In the example you are adding the user to the **reports** group. This group was created for Netcool/Proviso report developers on this installation. The group exists, but you have not granted the user permissions to access DataMart tools.

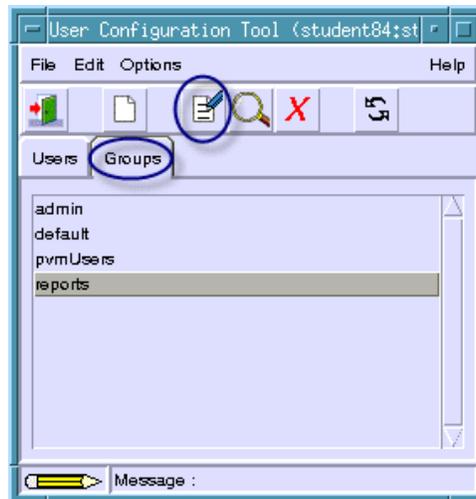
## Click OK to accept new user

The screenshot shows a 'New User' dialog box with the following fields and options:

- Identity:**
  - Login name: schmidt
  - Full name: Juan Schmidt - Report Development Team
- Groups:**
  - Member of: reports
  - Not member of: admin, default, pvmUsers
- Buttons:** OK (circled in blue), Cancel, Permissions >>

After you add the user to the group, click **OK**.

## Modifying a group



You can add or modify groups. For example, to modify the **reports** group, open the **Groups** tab and highlight the **reports** group. Click the edit icon to modify the group.

## Editing group permissions

Identity :

Group name : **reports**

Description : Report Development

Users

Are members : schmidt

Are not members : pvuser  
root

OK Cancel Permissions >>

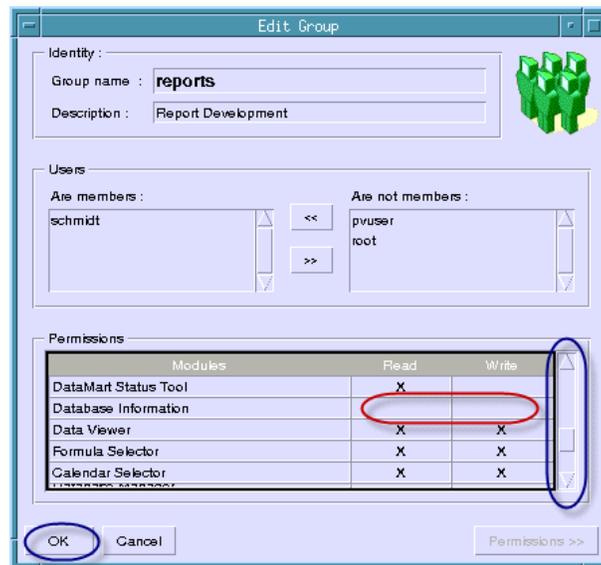
You can also edit the **Group name**, **Description**, user membership, and group permissions. Click **Permissions**.

## Assigning read and write permissions

Modules	Read	Write
Import/Export Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Users Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Calendar Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Request Editor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Formula Editor	<input checked="" type="checkbox"/>	<input type="checkbox"/>

You can assign read and write permissions to the group for individual DataMart tool modules. You base these permissions on the needs of the group. When you assign read permission, the users can use the module to view information but not to modify information. When you assign write permission, the users of the group can use all of the functions associated with the module. When you assign the write permission you automatically assign the read permission.

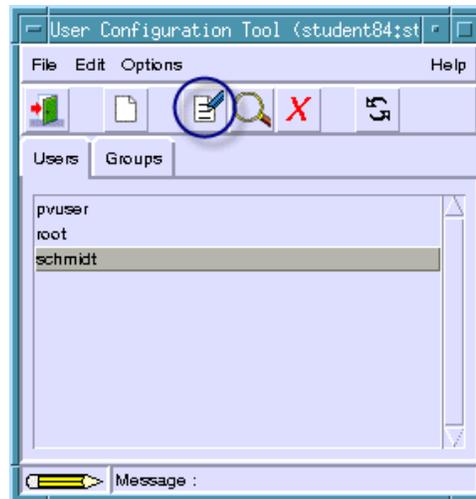
## Using the scroll bar to assign permissions



Use the scroll bar to assign permissions to the individual modules. Notice that no permissions are granted for the **Database Information** module.

After you assign permissions for the group click **OK**.

## Viewing the user permissions



To view the permissions assigned to the user, highlight the user name and click the edit icon.

## Module permissions

The screenshot shows the 'Edit User' dialog box with the following details:

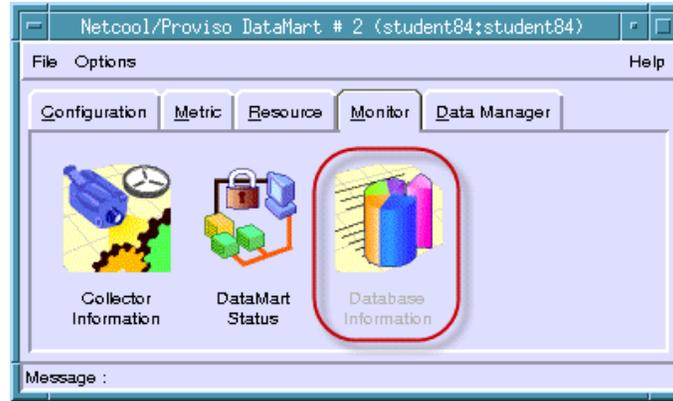
- Identity:**
  - Login name: **schmidt**
  - Full name: Juan Schmidt - Report Development Team
- Groups:**
  - Member of: reports
  - Not member of: admin, default, pvmUsers
- Permissions:**

Modules	Read	Write
Import/Export Configuration	X	
Users Configuration	X	
Calendar Configuration	X	X
Request Editor	X	X
Formula Editor	X	X

Buttons: OK, Cancel, Permissions >>

The user has read permission for the **Users Configuration** module.

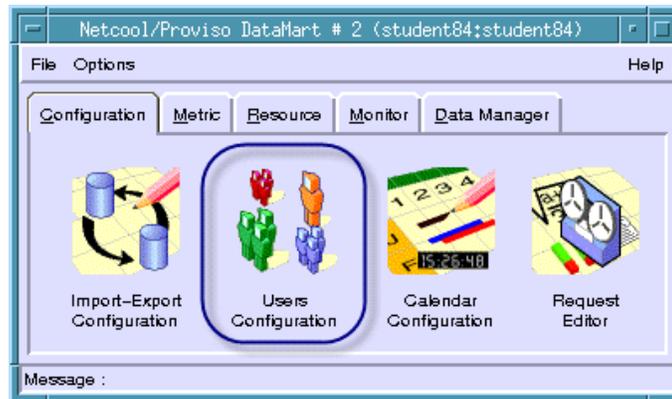
## Impact of permissions



When the DataMart GUI tool runs, the user can only see the modules for which you granted the user permission. In this example you did not grant read or write permissions to the Database Information module.

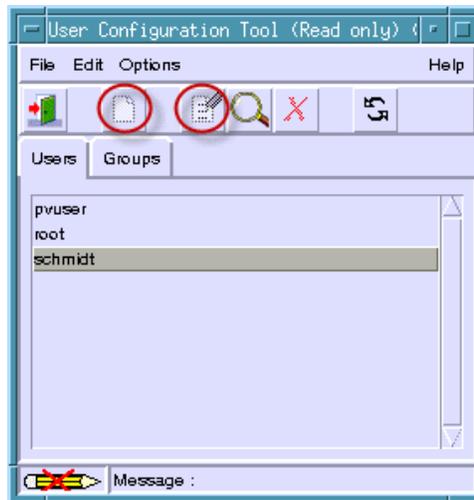
When the user opens the Monitor tab, the **Database Information** icon shows the module to be unavailable. In addition, if the user attempts to launch the module directly, an alert message is displayed telling the user that permission to run the module is unavailable.

## Users configuration read-only permissions



When you specify read-only permissions for a module, the user can open the module. In this example the user has read permissions for the **Users Configuration** module.

## Add and edit functionality removed



## Summary

You should now be able to:

- Describe how to use users configuration module
- Define the use of group permissions to restrict user access to DataMart tools

You should now be able to:

Describe how to use the Users Configuration module

Define the use of group permissions to restrict user access to DataMart tools

## Training roadmap for *Netcool/Proviso*

[http://www.ibm.com/software/tivoli/education/edu\\_prd.html](http://www.ibm.com/software/tivoli/education/edu_prd.html)



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

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