
Module 7 - Server Management Tools

Exercise Manual

Complete the following exercises.

Exercise 1: Use Novell Remote Manager for Linux

Exercise 2: Configure iManager 2.5 on Linux

Exercise 3: Use iManager 2.5 on Linux

Exercise 4: Access the OES Linux Server via SSH

Feedback

E-mail *training@novell.com* with the following:

Subject: *Bridging NetWare to Linux Module 7*

Exercise 1 Use Novell Remote Manager for Linux

Typically the tools discussed in this section are accessed from a workstation. If you do not have a workstation attached to the same network as the OES Linux server, you can launch the Mozilla browser from the server.

Complete the following:

1. Open a browser from a workstation or from the server, select N (KDE Menu) > Internet > Web Browser > Mozilla.



If you do not have the server patched with Support Pack 1, you will need to update Mozilla to version 1.7 or install Firefox.

2. Launch Novell Remote Manager, enter the following URL:

http://10.0.1.1:8008

or

https://10.0.1.1:8009

3. (Conditional) Accept the certificate permanently if prompted.

4. (Conditional) If prompted with a DNS security error, since we are not running a DNS server for this course, select **OK**.
5. (Conditional) Select the option you want and **OK** to any other encryption alerts that may appear.
6. Login as **admin** with a password of **novell**.
7. (Conditional) If prompted to remember the password, it is up to you what option to choose. Obviously, you would never remember passwords for a production server because of the security risk.
8. From the main screen, familiarize yourself with the File System Mounts.
9. Expand **Diagnose** by select the plus icon to the left.



The collapsible menu items are a new feature in OES SP1.

10. Select **Health Monitor**.
11. Review the health items listed.
12. Expand **View File System** from the left menu.
13. Select **View File System Listing**.

You will notice that the root file system is displayed on the right.

14. Select **etc**.
15. Scroll down and observe the icons on the left of the file listing. Directories are designated with a yellow folder and document icon. Files are designated with just a document icon.

You may notice that both icons also have a magnifying glass as part of the icon, indicating that if you select the icon, you can see more information about that file.

16. Choose any file in the list and click on the icon.
17. Scroll down and review the information.

Notice that you can set Linux file permissions, edit, delete, and rename the file.

You can also create hard and symbolic links (the discussion of what these links are is outside the scope of this course).

18. Now, expand **Manage Hardware** and familiarize yourself with the information that you can select.
19. The **Use Group Operations** allows you to setup a visual map of your server and monitor their health.

20. The **Manage NCP Services** section allows you to manage NCP volumes.



Module 8 will discuss NCP server.

21. Now, familiarize yourself with the icons at the top of the page.
22. When you are done, select the **exit** icon.

(End of Exercise)

Exercise 2 Configure iManager 2.5 on Linux

Do the following:

1. Open a web browser and enter the following:
https://10.0.1.1/nps/iManager
2. Authenticate as **admin** with a password of **novell** in the **DA-TREE**.



If you get a -634 error, just enter the IP Address of the server instead of the treename.

3. Notice the following information on the main screen:
 - **admin.da has unrestricted access**
 - **Some of the roles and tasks are not available**
4. Select **View Details**.
5. View the tasks that are not available, then select **Close**.
6. Select the **Configure** icon.
7. Expand **Role Based Services**.
8. Select **RBS Configuration**.
9. Select **Configure iManager**.

10. Set the Container field to **da**.
11. Select **Next**.
12. Verify that all modules are selected and then browse and set the scope to **.DA-TREE**.
13. Leave the **Assign Rights** and **Inheritable** boxes checked.
14. Select **Start**.
15. When the modules are updated, select **Close**.

Now that RBS is configured, admin.da will have Collection Owner Access and the informational message about the tasks not being available will have been resolved.

(End of Exercise)

Exercise 3 Use iManager 2.5 on Linux

Do the following:

Modify the Helpdesk Role

Do the following:

1. Launch iManager by entering the following in a web browser:

https://10.0.1.1/nps/iManager

2. Authenticate as **admin**.
3. Scroll down and expand the **Users** role.
4. Select **Create User**.
5. Enter the following:
 - Username = **geeko**
 - Lastname = **novell**
 - Context = **da**
 - Password = **novell**
 - Retype password = **novell**
6. Select **OK > OK**.
7. Select the **Configure** icon at the top.
8. Expand **Role Based Services**.

9. Select **RBS Configuration**.
10. Select **Role Base Services 2.da**.
11. Select **Help Desk**.
12. Select **Add** in the title bar at the top of the list.
13. From All Tasks, select **ModifyGroup**.
14. Select the right arrow to move the task to Assigned Tasks.
15. Select **OK > OK**.
16. Select **Close**.
17. Select the checkbox next to **Help Desk**.
18. Select **Actions > Member Associations**.
19. For the Name field, select the Object Selector icon; then browse to and select **geeko.da**.
20. Select **OK**.
21. For the scope field, select the Object Selector icon; then browse to and select **da**.
22. Select **OK**.
23. Select **Add**.
24. Select **OK > OK**.
25. At the top of the screen, select the **Exit** icon.

26. Log in as **geeko** with a password of **novell**.

Notice that only the Helpdesk role is available to EKing.

27. Select the **Exit** icon.

Create iManager Favorites

Add 4 tasks that you perform on a regular basis to the Favorites:

1. Log in as **admin** with a **novell** password.
2. At the top of the screen, select the **Favorites** icon.
No favorites should be listed.
3. Select the **Preferences** icon.
4. Under **General**, select **Manage Favorites**.
5. Add the following tasks to the Favorites list (use the left arrow):
 - **Create User**
 - **Modify User**
 - **Set Password**
 - **Volumes**
6. Select **OK > OK**.

7. Select the **Favorites** icon.

The 4 tasks you selected should now be listed under Favorites.

8. (Optional) Change the Language to one you are familiar with, view the changes, and then set back to English.

Search for eDirectory Objects Using iManager 2.5

Do the following:

1. Select the **View Objects** icon.
2. Select the **Search** tab.
3. In the name field, enter **SSL*** and select **Search**.

You should see SSL certificate objects for both oeslinux and oesnw.

4. Start a new search, in the Name field, enter **k*** and select **Search**.
5. In the Type field, select **User**.

All users with a user id that begins with K are displayed.

Customize iManager Look and Feel

Do the following:

1. Select the **Configure** icon.
2. Expand **iManager Server**.
3. Select **Configure iManager**.
4. Select the **Look and feel** tab.
5. Change the Title Bar Name to *your company's name*.
6. Change the Header Color to **#6484A4**.
7. Change the Background Color to **#B6C9CF**.
8. Select **Save**.
9. Select **Roles and Tasks** to view the new look and feel.

If the Title has not changed, try reloading the web page.

(End of Exercise)

Exercise 4 Access the OES Linux Server via SSH

This exercise works best from a Linux or Windows workstation.

If you use a Windows workstation, you will need to download an SSH client, such as PuTTY and adapt the exercise appropriately to the client you are using.

If a workstation is not available, you can still perform the exercise on the server to simulate access from a workstation.

Complete the following:

1. Open a Terminal.
2. Enter: **ssh root@10.0.1.1**
3. (Conditional) If prompted to add the local IP Address to the list of known hosts, enter: **yes**
4. Enter the password: **novell**

You are now connected to the server as if you were sitting at the server console.

Notice the prompt in the terminal changes to indicate the name of the server.

5. To end the ssh session, enter: **exit**
6. Close the terminal, enter: **exit**

(End of Exercise)