Exercise instructions

Preface

- Access your lab image by using the instructions that your instructor provides.

Note

Substitution values

Use the following substitution values when you encounter them in the exercise instructions.

`<wps_home>` is `/opt/IBM/WebSphere/PortalServer`

`<was_home>` is `/opt/IBM/WebSphere/AppServer`

`<wp_profile>` is `/opt/IBM/WebSphere/wp_profile`

Section 1: Creating a user realm

In this section, you modify the `wkplc.properties` configuration file to add a realm.

__ 1. Verify that WebSphere Portal is started.

   __ a. Open a terminal window and change directories to `<wp_profile>/bin`.

   __ b. Enter the following command: `./serverStatus.sh -all -user wpsadmin -password IBMp0rtal`

   __ c. If WebSphere Portal is stopped, enter the following command: `./startServer.sh WebSphere_Portal`

   __ d. Wait until use see the message: "`Server WebSphere_Portal open for e-business`"

__ 2. Edit the `wkplc.properties` file to add the New York realm and base entry.

   __ a. Open a terminal window and change directory to `<wp_profile>/ConfigEngine/properties`

   __ b. As a precaution, make a copy of the `wkplc.properties` file.

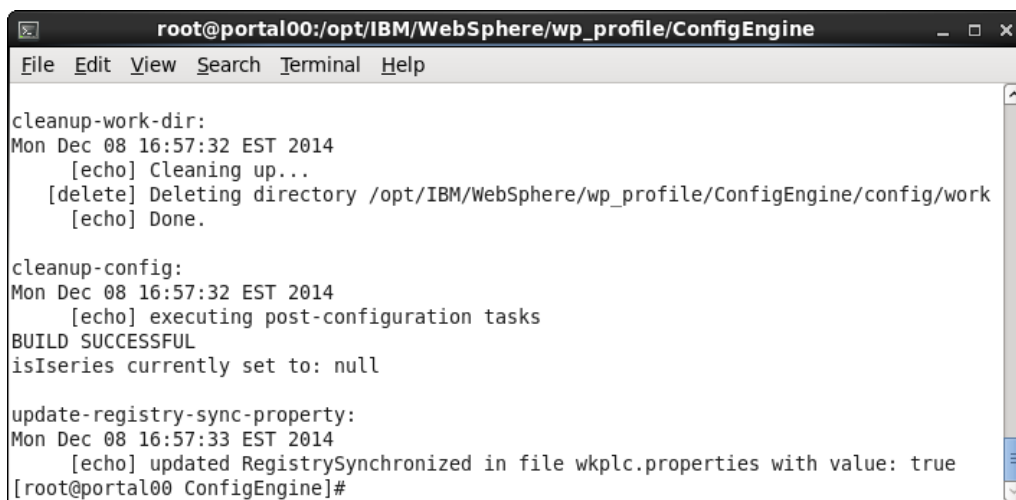   __ c. Open the `wkplc.properties` file with a text editor by typing:

      `gedit wkplc.properties`

   __ d. Search for the property `realmName` and enter the name as shown.

      `realmName=newyork`

   __ e. Search for the property `addBaseEntry` and enter the value as shown.

      `addBaseEntry=ou=newyork,dc=hal,dc=com`

   __ f. Save the changes and close the `wkplc.properties` file.

__ 3. Run the wp-create-realm task.

    __ a. Open a terminal window and change directory to `<wp_profile>/ConfigEngine`

    __ b. Enter the following command:

        `./ConfigEngine.sh wp-create-realm -DWasPassword=IBMp0rtal`

    __ c. Wait for the task to complete successfully. Look for the following message.

```
root@portal00:/opt/IBM/WebSphere/wp_profile/ConfigEngine                _ □ ×
File  Edit  View  Search  Terminal  Help

cleanup-work-dir:
Mon Dec 08 16:57:32 EST 2014
     [echo] Cleaning up...
   [delete] Deleting directory /opt/IBM/WebSphere/wp_profile/ConfigEngine/config/work
     [echo] Done.

cleanup-config:
Mon Dec 08 16:57:32 EST 2014
     [echo] executing post-configuration tasks
BUILD SUCCESSFUL
isIseries currently set to: null

update-registry-sync-property:
Mon Dec 08 16:57:33 EST 2014
     [echo] updated RegistrySynchronized in file wkplc.properties with value: true
[root@portal00 ConfigEngine]#
```
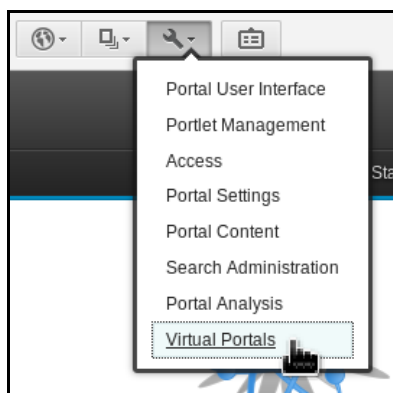
## Section 2: Creating a virtual portal

Create a virtual portal by completing the following steps.

__ 1. Log in to WebSphere Portal.

    __ a. Start a web browser and enter the following address:
        `http://portal00:10039/wps/portal`

    __ b. Enter `wpsadmin` for the user ID and `IBMp0rtal` for the password and click **Log in**.

__ 2. Click the administration menu icon (wrench icon), and click **Virtual Portals**.

__ 3. Click **Manage Virtual Portals**.

__ 4. In the Virtual Portal Manager window, click **New Virtual Portal**.
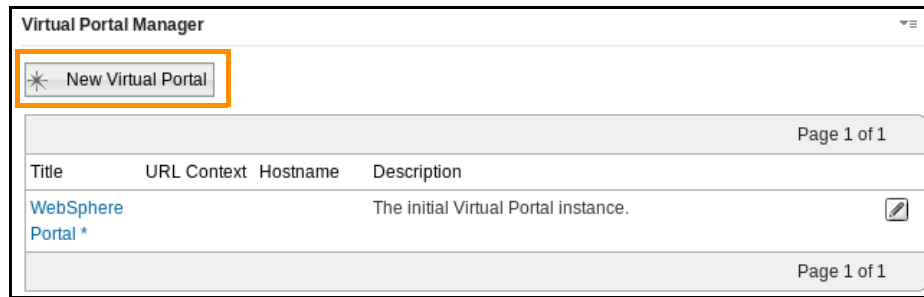
__ 5. The Create New Virtual Portal opens.

__ 6. Enter the following properties.

- Virtual portal title: `NewYorkPortal`

- URL context: `newyork`

- Virtual portal hostname: `nyp.wetraining.hal.com`

- User realm: `NewYork`

- Initial admin user group: `nyadmin`

__ 7.   Click **OK**. Wait a few minutes until the virtual portal is created. You should see a success message similar to the following message.
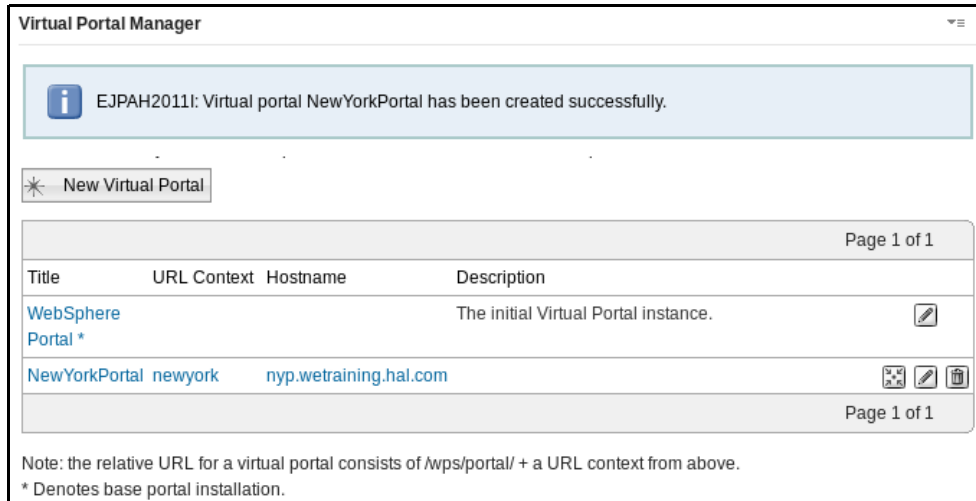

__ 8.   Update the /etc/hosts file with the virtual portal host name.

__ a.   Open a terminal window and open `/etc/hosts` with a text edit by typing:

        `gedit /etc/hosts`

__ b.   Add the virtual portal host name, `nyp.wetraing.hal.com,` as shown.

        `127.0.0.1 portal00  portal00.wetraining.com nyp.wetraing.hal.com`

__ 9.   Open a new web browser and enter the following web address:
        `http://portal00:10039/wps/portal/newyork`

__ 10. Log in with user ID `nyadmin1` and password `IBMp0rtal.`

__ 11. Click the Open site menu icon (globe icon), and click **Home**.

        Notice that the page structure does not show any of the pages that you previously created.

__ 12. Click the administration menu icon (wrench icon), and click **Access > Users and Groups**.

__ 13. Set the Search property to **User groups**, and the Search by property to **All available**. Click **Search**.
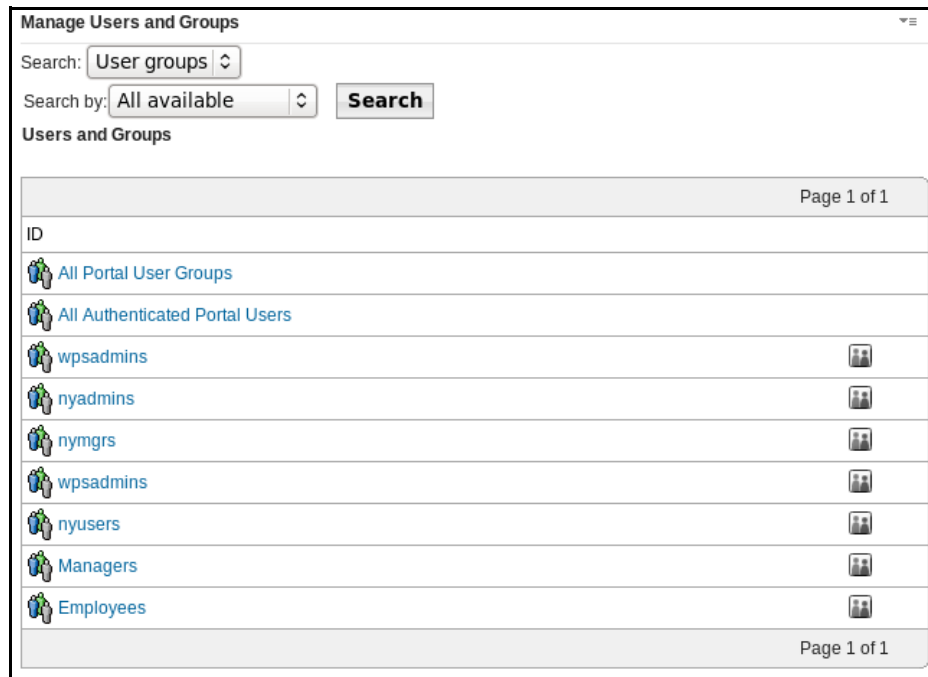
__ 14. Notice the New York realm groups: nyadmins, nymgrs, and nyusers.

__ 15. Click **Log Out**.

Information

Adding and deleting a virtual portal

If you attempt to add a virtual portal and then delete the virtual portal, you might be unable to re-create the virtual portal. The error message that you see might indicate a duplicate key. To resolve the duplicate key issue, use the xmlaccess configuration interface and run the sample `Task.xml` script.

End of exercise