

# Exercise 1. Installing WebSphere Portal Server 8.5

## What this exercise is about

In this exercise, you install WebSphere Portal Server 8.5, which you use for the rest of the course.

## What you should be able to do

At the end of this exercise, you should be able to:

- Install WebSphere Portal Server 8.5

## Introduction

Installing the digital experience software includes preparing your operating system and using IBM Installation Manager to install IBM WebSphere Portal and Web Content Manager. Then, use the Configuration Wizard to complete the deployment configuration. In this exercise, you use IBM Installation Manager to install IBM WebSphere Portal.

## Requirements

All of the required WebSphere Portal v8.5 packages must be extracted to the local file system directory `/root/Installs/Portal`. All the necessary software packages are provided on the VMware image for this course.

## Exercise instructions

### Preface

- Access your lab image by using the instructions that your instructor provides.
- Use the image that is named `portal00`.
- For each lab image, the **user ID** is `root` and the **password** is `web1sphere`.



#### Important

##### Primary `portal00` image and backup `portal99` image

You begin the exercises by using the **portal00** image. In the first three exercises you install WebSphere Portal, transfer the Portal databases to DB2, and Enable LDAP security. If the first three exercises are completed successfully, you can continue to use the **portal00** image for the rest of the exercises.

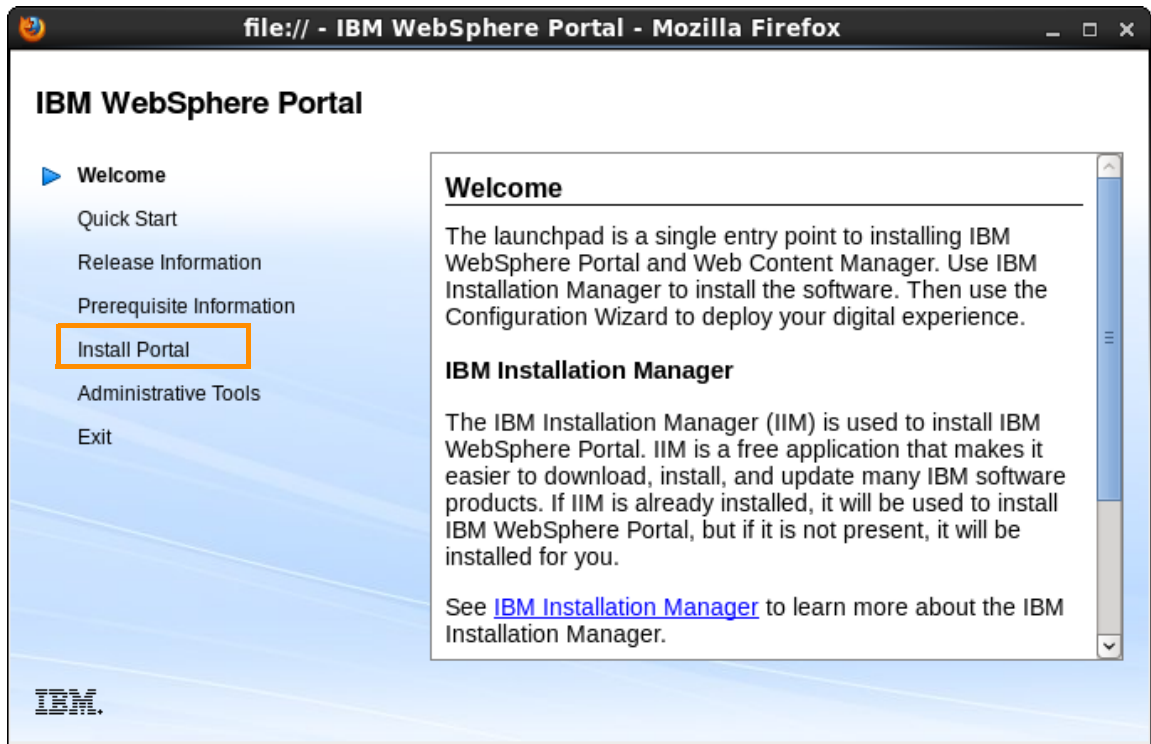
The **portal99** image has the first three exercises completed. You can use this image as a backup, if for some reason you fail to complete the first three exercises successfully. The **portal99** image can be used for all exercises after Exercise 3.

### Section 1: Install WebSphere Portal Server version 8.5

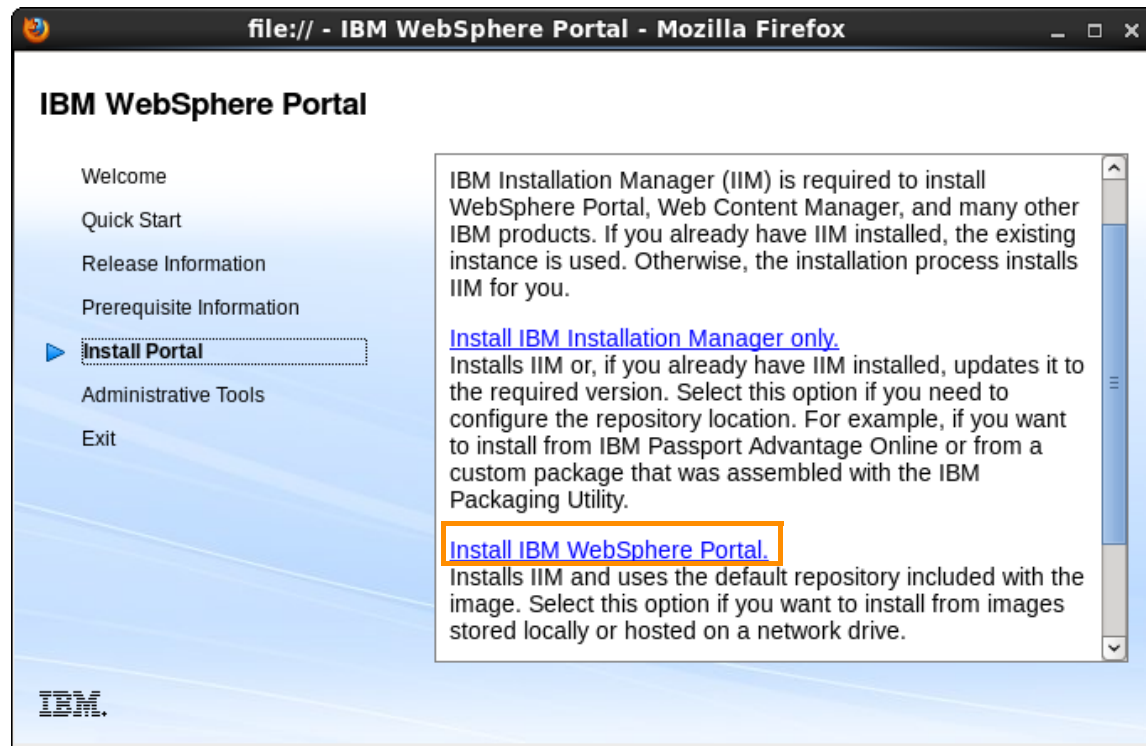
1. Open a terminal window and go to the `/root/Installs/Portal/SETUP` directory.
2. Enter the following command: `./setup.sh`

```
root@portal00:~/Installs/Portal/SETUP
File Edit View Search Terminal Help
[root@portal00 ~]# cd /root/Installs/Portal/SETUP/
[root@portal00 SETUP]# ./setup.sh
```

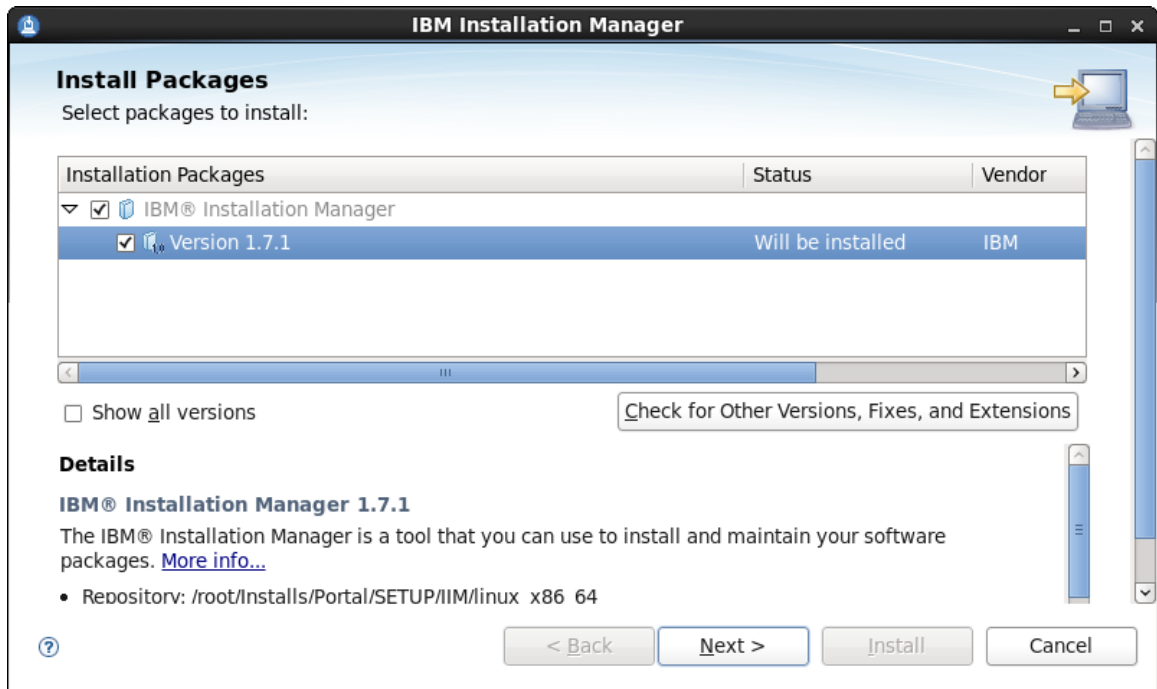
- \_\_\_ 3. On the Welcome pane, click **Install Portal**.



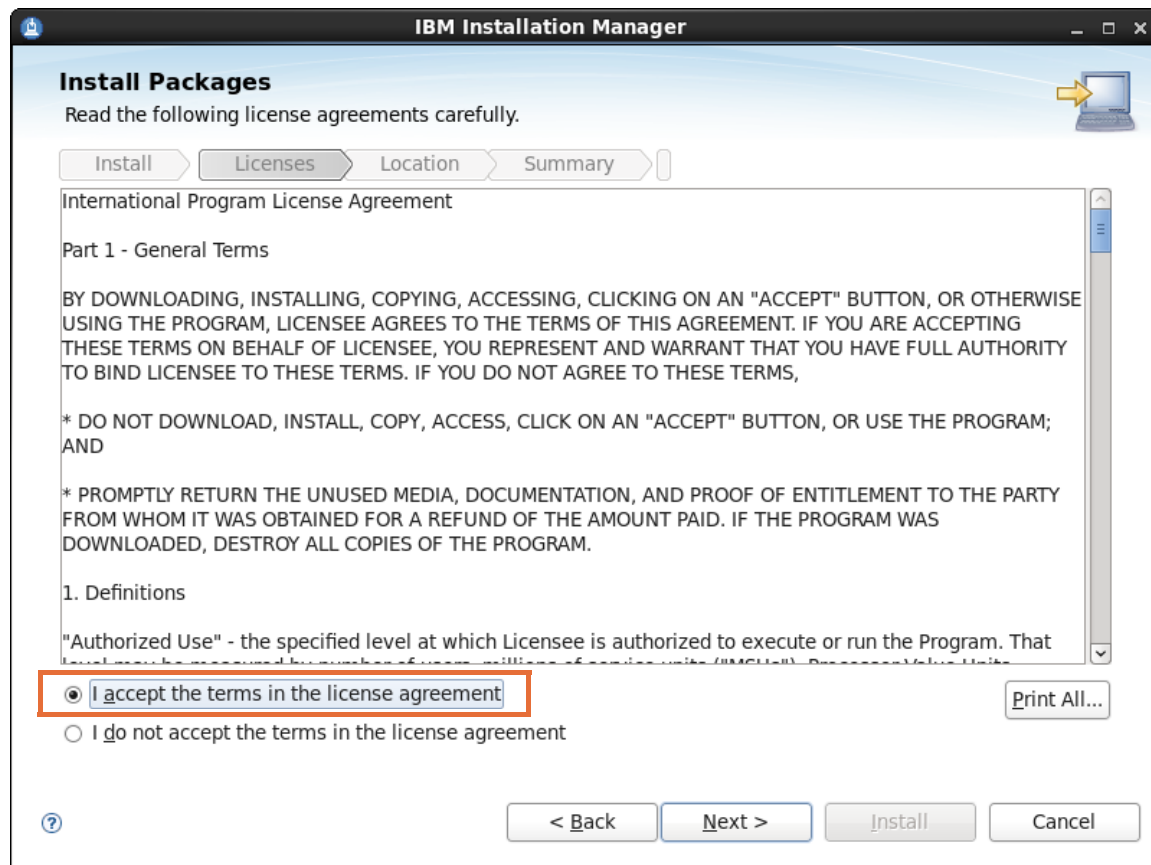
- \_\_\_ 4. Click **Install IBM WebSphere Portal**.



\_\_\_ 5. The IBM Installation Manager window opens.

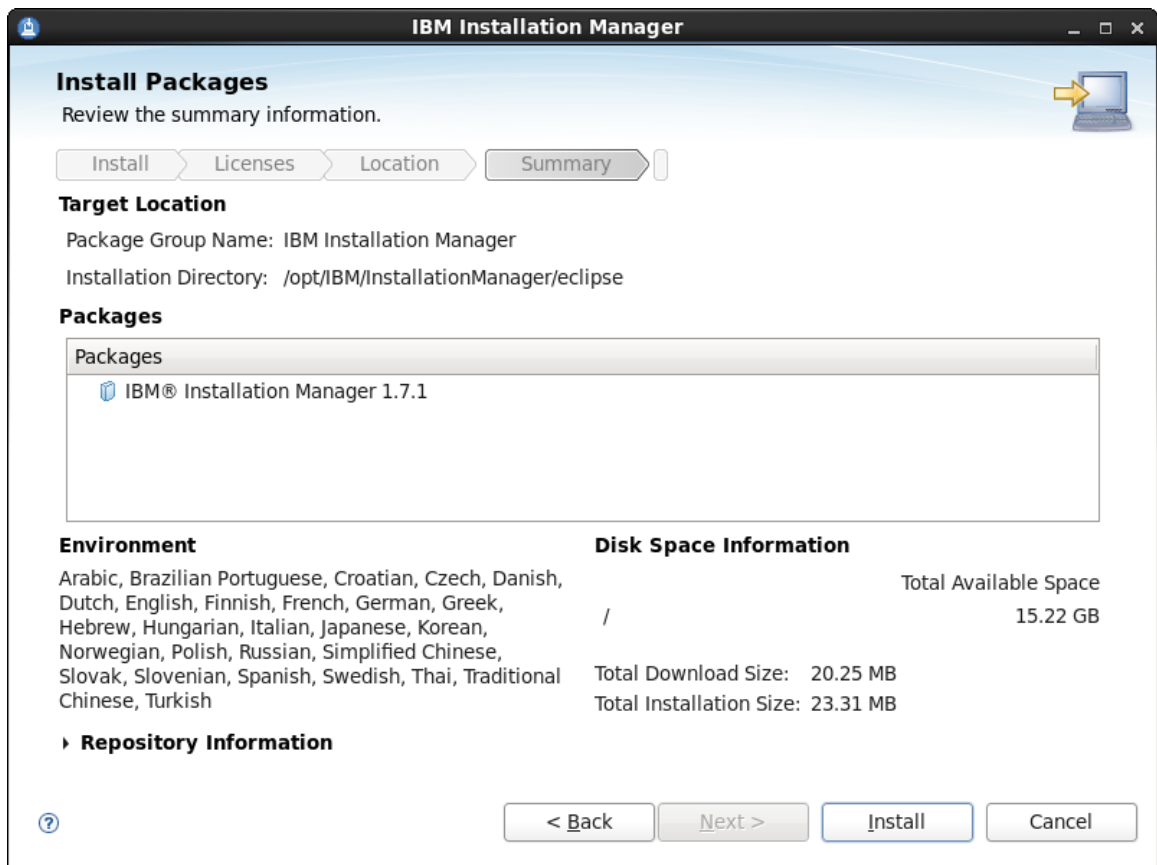


\_\_\_ 6. Click **Next**.

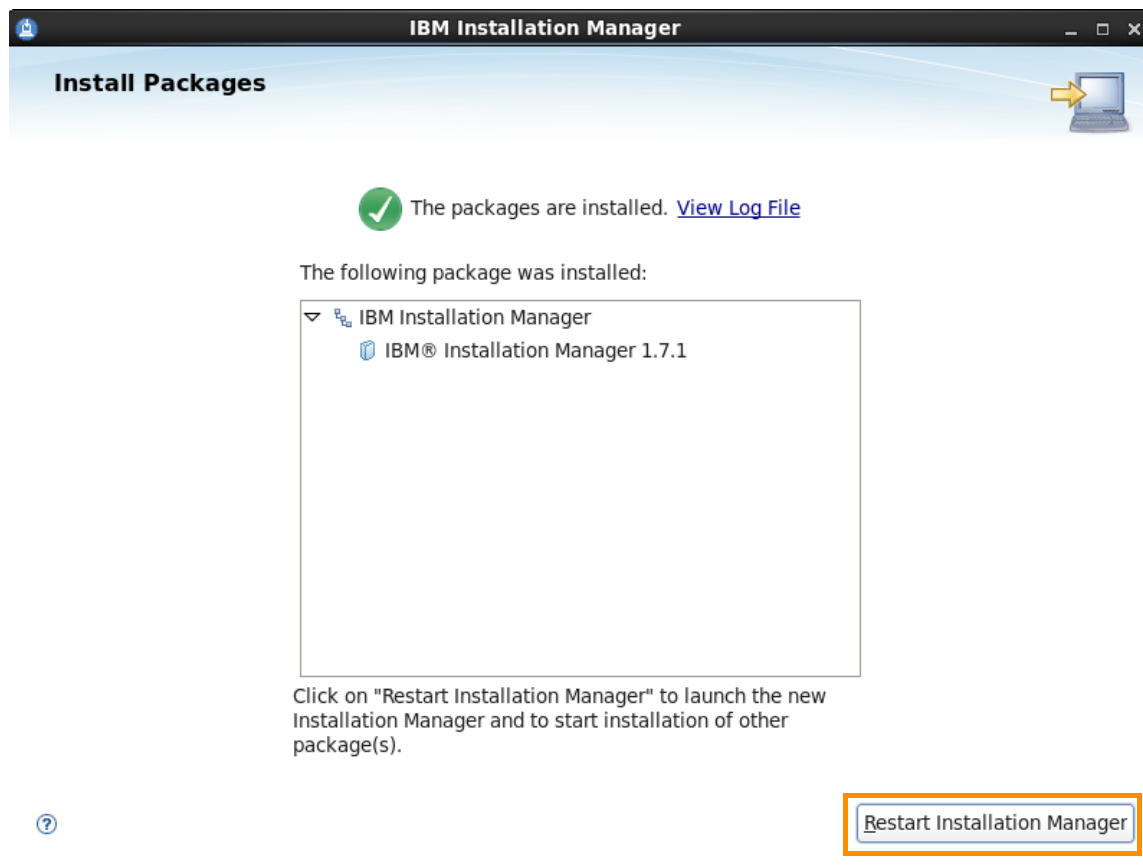


- \_\_\_ 7. Read the license agreement, select **"I accept the terms in the license agreement"**, and click **Next**.

\_\_\_ 8. Review the summary information.



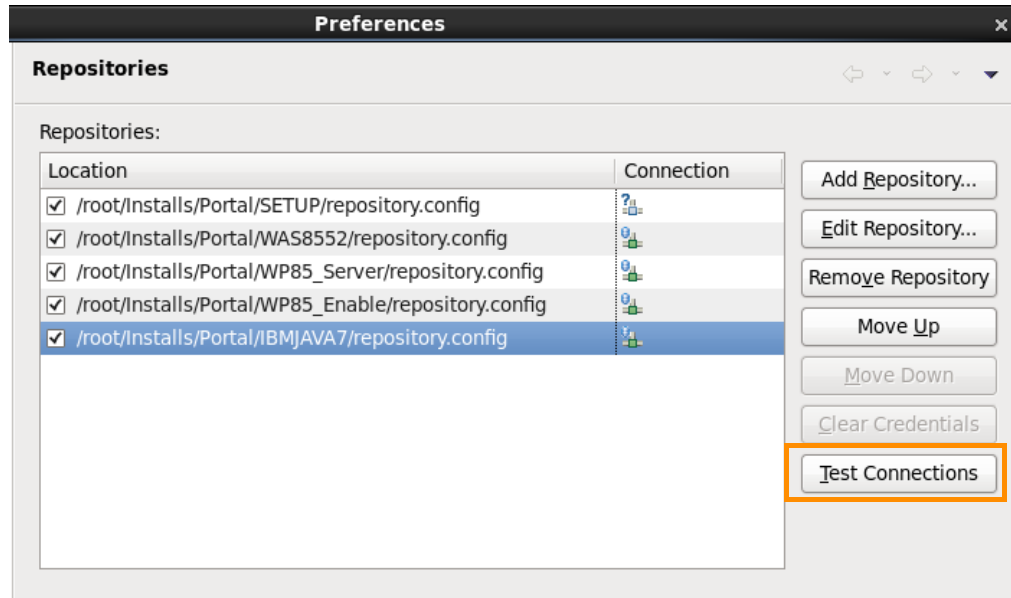
\_\_\_ 9. Click **Install**, and wait for the installation to complete.



- \_\_\_ 10. After the installation is finished, click **Restart Installation Manager**.
- \_\_\_ 11. Complete the following steps to add the repositories where the installation packages are stored.
- \_\_\_ a. In the IBM Installation Manager, and go to **File > Preferences > Repositories**.
  - \_\_\_ b. Select **Add Repositories**.
  - \_\_\_ c. Select Browse and go to the `/root/Installs/Portal/WAS8552` folder.
  - \_\_\_ d. Select the `repository.config` file and then click **OK**.
  - \_\_\_ e. Select **Add Repositories**.
  - \_\_\_ f. Select Browse and go to the `/root/Installs/Portal/WP85_Server` folder.
  - \_\_\_ g. Select the `repository.config` file and then click **OK**.
  - \_\_\_ h. Select **Add Repositories**.
  - \_\_\_ i. Select Browse and go to the `/root/Installs/Portal/WP85_Enable` folder.
  - \_\_\_ j. Select the `repository.config` file and then click **OK**.
  - \_\_\_ k. Select **Add Repositories**.
  - \_\_\_ l. Select Browse and go to the `/root/Installs/Portal/IBMJAVA7` folder.

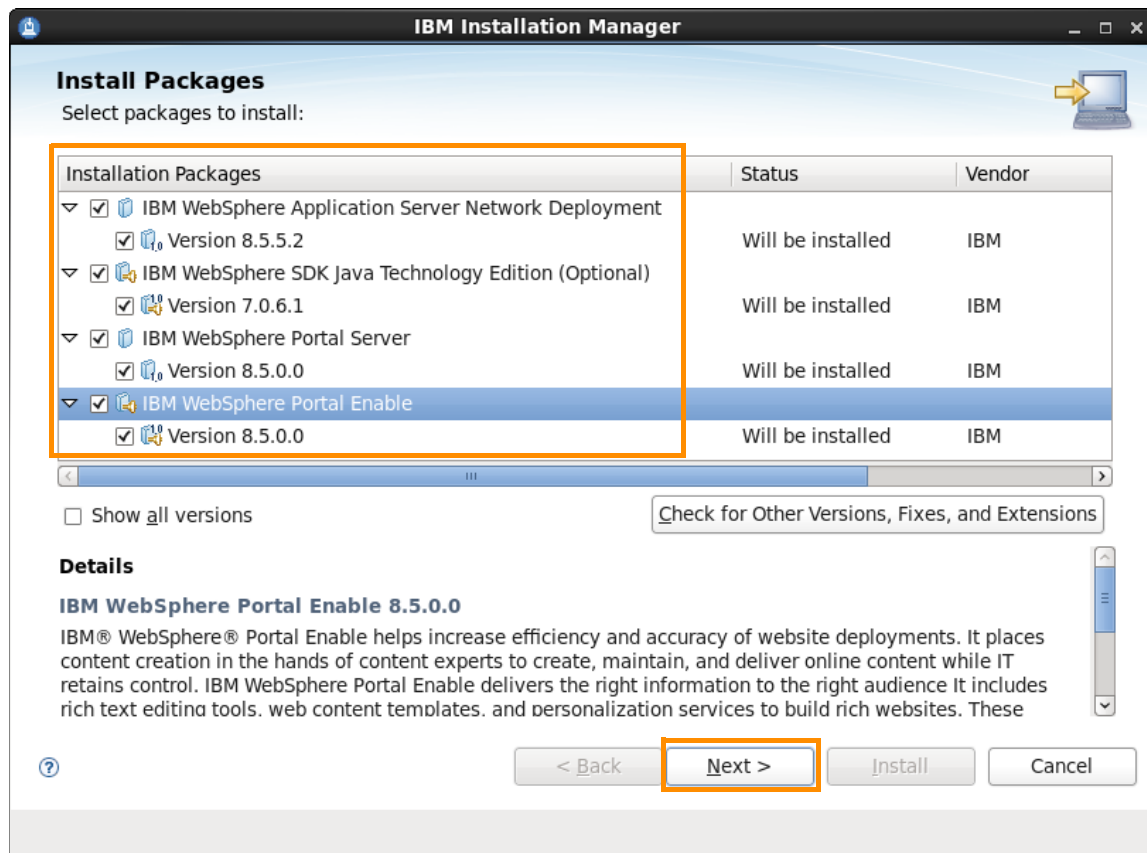


- \_\_\_ m. Select the `repository.config` file and then click **OK**.

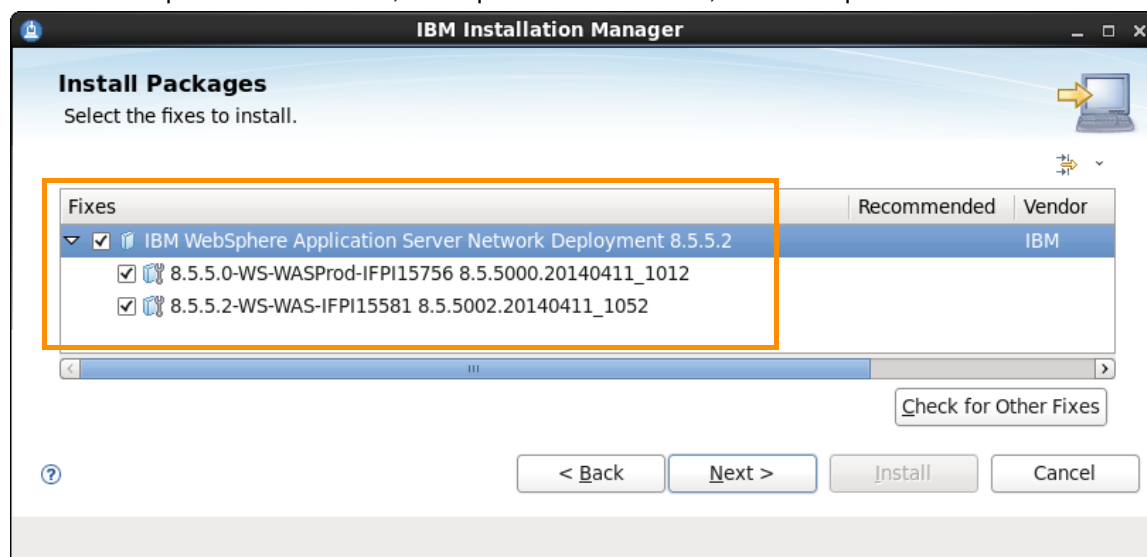


- \_\_\_ 12. Click **Test Connections** to verify that all repositories are connected.
- \_\_\_ 13. Click **OK** to close the Preference pane.
- \_\_\_ 14. In the IBM Installation Manager, click **Install**.

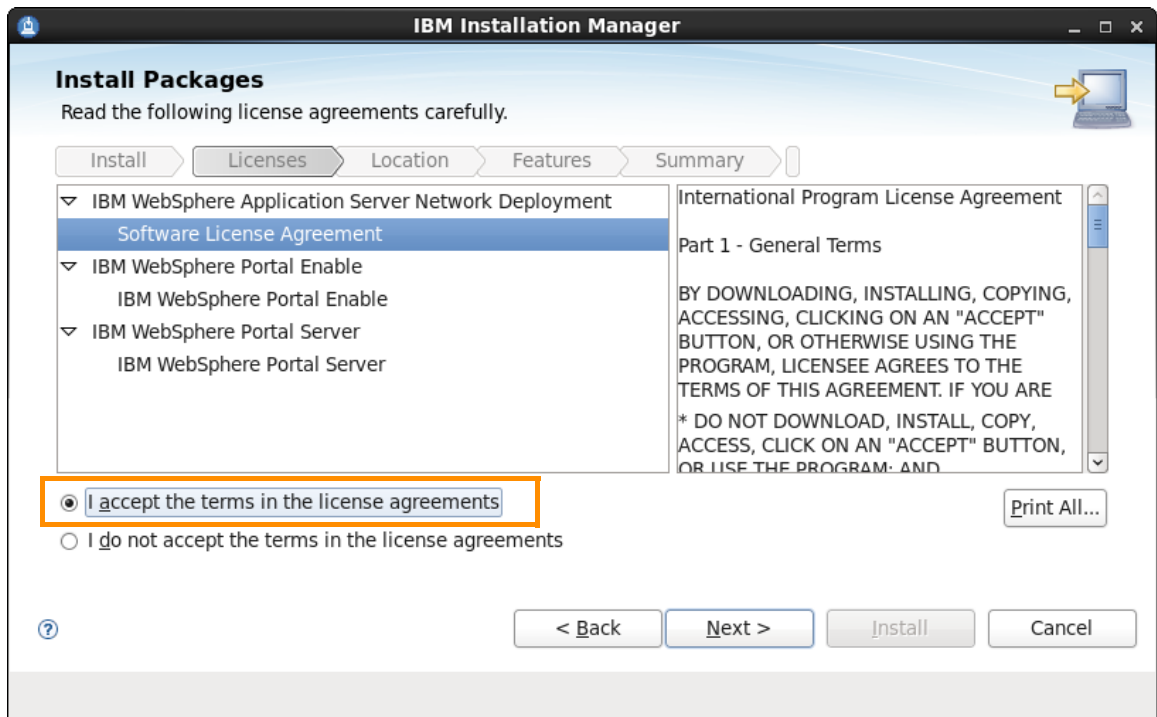




15. Select all boxes available to install WebSphere Application Server Network Deployment, WebSphere Portal Server, WebSphere Portal Enable, and WebSphere SDK. Click **Next**.



- \_\_\_ 16. For fixes to install, select the box next to **WebSphere Application Server Network Deployment 8.5.5.2**. Click **Next**.



- \_\_\_ 17. Read the license agreement, select “**I accept the terms in the license agreement**”, and click **Next**.
- \_\_\_ 18. Accept the default installation directory (/opt/IBM/WebSphere/AppServer) for WebSphere Application Server, and click **Next**.
- \_\_\_ 19. Click **Next** on the Translations Supported by All Packages page (English).

\_\_ 20. Click **Next** on the Features page.

**IBM Installation Manager**

**Install Packages**  
Click Next to continue.

Install | Licenses | Location | **Features** | Summary

IBM WebSphere Portal Server 8.5.0.0

Enter the Administrator user ID and password for the Configuration Wizard.

**Configuration Wizard Credentials**  
This ID is used only to log in to the Configuration Wizard and can be different from the Administrator user ID.

Administrator user ID  
installadmin

Administrator user password  
\*\*\*\*\*

Confirm administrator user password  
\*\*\*\*\*

< Back | **Next >** | Install | Cancel

\_\_ 21. Enter the following values on the Configuration pane.

- **Administrator user ID:** installadmin
- **Administrator user password:** IBMp0rtal
- **Confirm administrator user password:** IBMp0rtal

\_\_ 22. Click **Next**.

**Configuration for IBM WebSphere Portal Server 8.5.0.0**  
Enter the Administrator user ID and password for the Portal Server.

Selected configuration mode

☒ Standard  
☐ Advanced

Standard details

Topology

Host name  
portal00

Node name  
portal00Node

Cell name  
portal00Cell

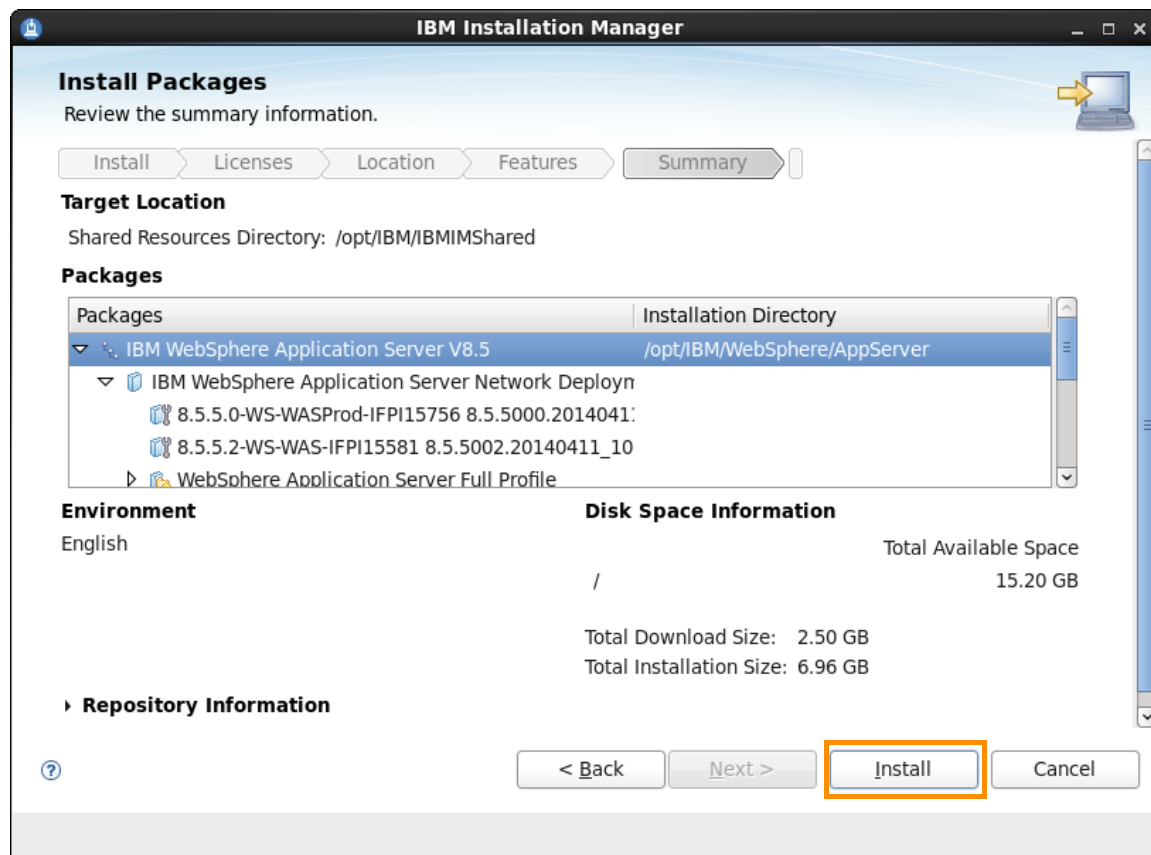
\_\_ 23. Accept the defaults for the following values.

- **Configuration mode:** Standard
- **Host name:** portal00
- **Node name:** portal00Node
- **Cell name:** portal00Cell

\_\_ 24. Scroll down, and enter the following values.

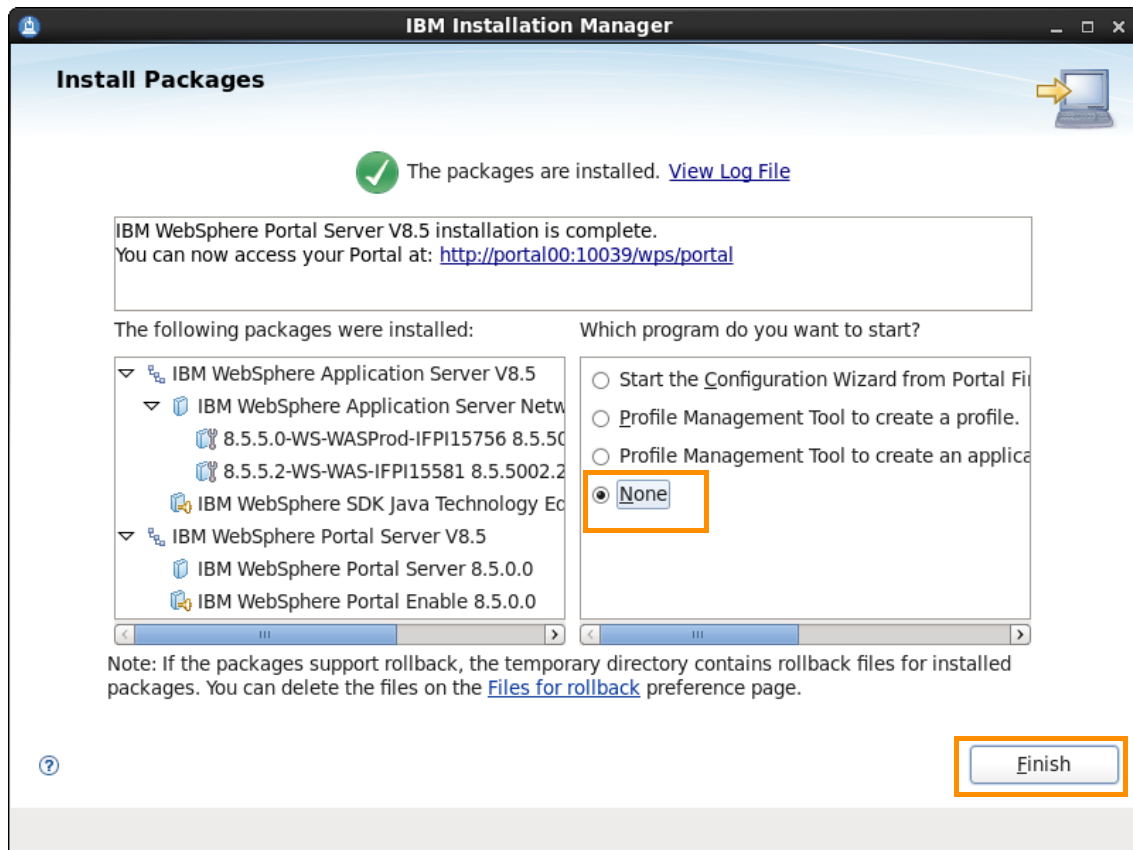
- **Administrator user ID:** installadmin
- **Administrator user password:** IBMp0rtal
- **Confirm administrator user password:** IBMp0rtal

\_\_ 25. Click **Next**.



\_\_ 26. Review the summary information, and click **Install**.

- \_\_\_ 27. Depending on your system, it might take several minutes for the installation of all packages to complete. Wait patiently until you see the following screen.



- \_\_\_ 28. Select **None** in the Start window and click **Finish**.
- \_\_\_ 29. Exit the Installation Manager by clicking **File > Exit**.
- \_\_\_ 30. Close any browsers that are still open.



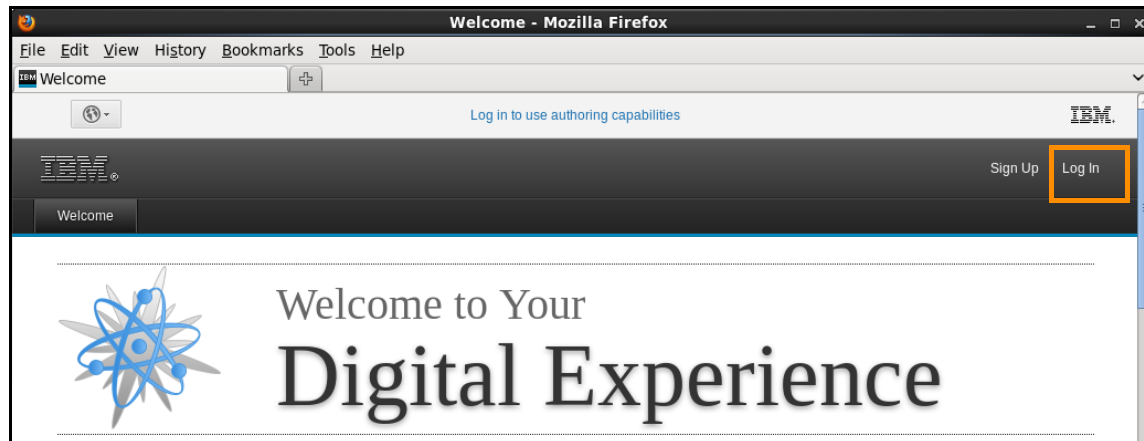
### Information

#### Starting the Portal Server

Ordinarily, you would start the WebSphere Portal Server from the command line. However, after the installation with the IBM Installation Manager, the server is already started.

\_\_\_ 31. Verify that you can access the portal welcome page and log in.

\_\_\_ a. Open a web browser and type the URL: `http://portal00:10039/wps/portal`

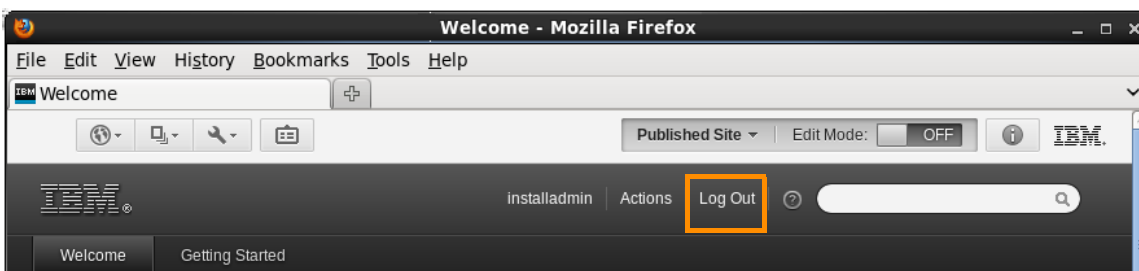


\_\_\_ b. Click **Log In** on the banner and enter the following user ID and password.

User ID: **installadmin**

Password: **IBMp0rtal.**

\_\_\_ c. Click **Log in**.





- \_\_\_ d. Notice that after logging in as the user installadmin there are more icons and menus above the banner.
- \_\_\_ e. Click **Log Out**.

**End of exercise**