

WebSphere Portal 8 Express Installation

Version 1

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1. Information

This document is to help with the installation of WebSphere Portal Express v8. WebSphere Portal has adopted the IBM Installation Manager for its installation process. Following the steps in this document will show you the understanding of what is needed to install IBM Installation Manager and WebSphere Portal Express v8.

Helpful Links:

WebSphere Portal Express v8.0 Infocenter - WIKI

<http://www-10.lotus.com/ldd/portalwiki.nsf/xpDocViewer.xsp?lookupName=IBM+WebSphere+Portal+Express+8+Product+Documentation#action=openDocument&content=catcontent&ct=prodDoc>

WebSphere Portal Express v8.0 Infocenter - HTML

http://infolib.lotus.com/resources/portal/8.0.0/doc/en_us/PT800ACD002/index.html

WebSphere Portal v8.0 detailed system requirements

<http://www-01.ibm.com/support/docview.wss?uid=swg27007791>

The document was tested on Windows and Linux.

This document was not written or supported by IBM Support.

Name	Date	Version	Description
Loc Dang	04/02/13	v1	Installation Manager and Portal Express v8 Installation

2. Media

Download	Description
CI7VAML	IBM WebSphere Portal Express Setup V8.0 (1 of 2) Multiplatform Multilingual
CI7VBML	IBM WebSphere Portal Express Setup V8.0 (2 of 2) Multiplatform Multilingual
CI7VCML	IBM WebSphere Portal Express Install V8.0 (1 of 6) for Multiplatform Multilingual
CI7VDML	IBM WebSphere Portal Express Install V8.0 (2 of 6) for Multiplatform Multilingual
CI7VEML	IBM WebSphere Portal Express Install V8.0 (3 of 6) for Multiplatform Multilingual
CI7VFML	IBM WebSphere Portal Express Install V8.0 (4 of 6) for Multiplatform Multilingual
CI7VGML	IBM WebSphere Portal Express Install V8.0 (5 of 6) for Multiplatform Multilingual
CI7VHML	IBM WebSphere Portal Express Install V8.0 (6 of 6) for Multiplatform Multilingual
CI7N8ML	IBM WebSphere Application Server Network Deployment V8.0.0.3 (1 of 3) Multiplatform Multilingual
CI7N9ML	IBM WebSphere Application Server Network Deployment V8.0.0.3 (2 of 3) Multiplatform Multilingual
CI7NAML	IBM WebSphere Application Server Network Deployment V8.0.0.3 (3 of 3) Multiplatform Multilingual

Extract all media files to one directory

MEDIA = _____

```
UNIX    MEDIA = /opt/tmp/Portal8_express
Windows MEDIA = F:/Portal8_express
```

Example of Structure:

```
<MEDIA>/Setup
<MEDIA>/Portal
<MEDIA>/WAS
```

3. Pre-requisite

Before installing WebSphere Portal Express v8, verify all hardware and software requirements are met.

<http://www-304.ibm.com/support/docview.wss?uid=swg27007791>

Disk Space :

- Minimum 3 GB free disk space for installation for WebSphere Portal
- Minimum 2 GB free disk space for installation for WebSphere Application Server
- Minimum 1 GB free disk space for IBM DB2 Workgroup
- Minimum 3 GB free disk space for installation of IBM Installation Manager and the Installation Manager shared directory

Minimum 9 GB total disk space recommended for installation

Physical Memory :

- Under minimum load, WebSphere Portal can function with 4GB of RAM
- In production environment, 6GB of RAM is an optimal starting point

Processor :

- LINUX : x86-32 and x86-64
- Windows : x86-32 and x86-64

4. Installation

5.1 *Installation Manager*

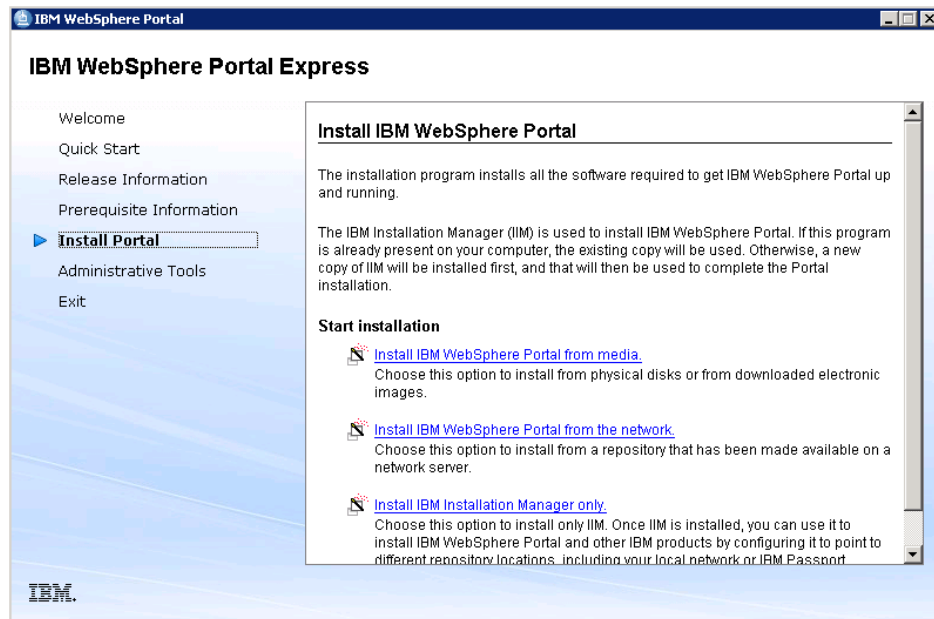
To Install WebSphere Application Server and WebSphere Portal server, Installation Manager must be installed first. If Installation manager is already installed, this section can be skipped.

1. Run the setup command that matches the OS type

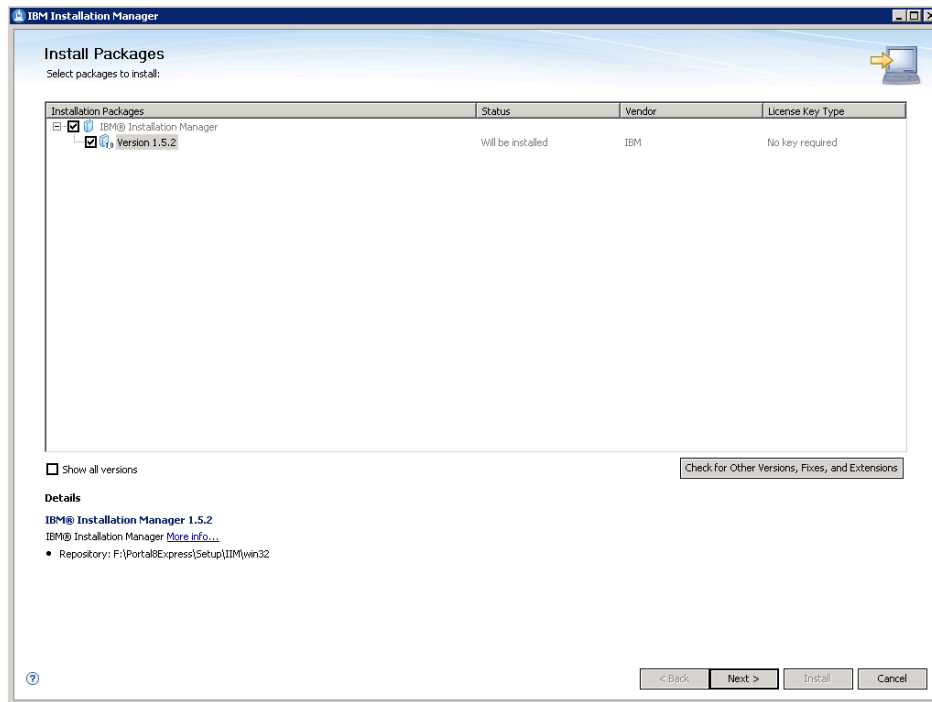
Windows64	=	<MEDIA>/Setup/setup64.exe
Windows	=	<MEDIA>/Setup/setup.exe
Linux	=	<MEDIA>/Setup/setup.sh

Example:

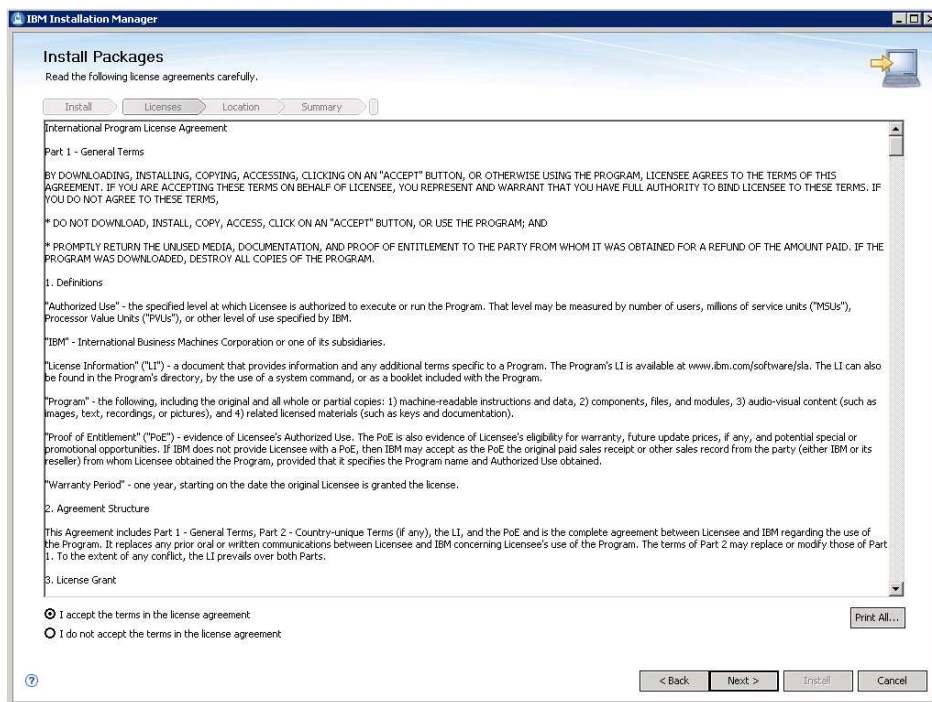
Windows64	=	F:\Portal8Express\Setup\setup64.exe
Windows	=	F:\Portal8Express\Setup\setup.exe
Linux32/64	=	/opt/tmp/Portal8Express/Setup/setup.sh



2. Click Install Portal
3. Click on one of the three options. With this document, click on **Install IBM WebSphere Portal from media**. If IBM Installation Manager is not installed, it will go directly to the Installation Manager install and you can continue with the document. If Installation Manager is already installed, it will take you to the Welcome page of the Installation Manager and you can skip this section and go to the Installation of WebSphere Portal 8 Express.
 - **Install IBM WebSphere Portal from Media** : Choose this option to install from physical disks or from downloaded electronic images
 - **Install IBM WebSphere Portal from the network** : Choose this option to install from a repository that has been made available on a network server
 - **Install IBM Installation Manager only** : Choose this option to install only IIM. Once IM is installed, you can use it to install IBM WebSphere Portal and other IBM products by configuring it to point to different repository locations, including your local network or IBM passport advantage.

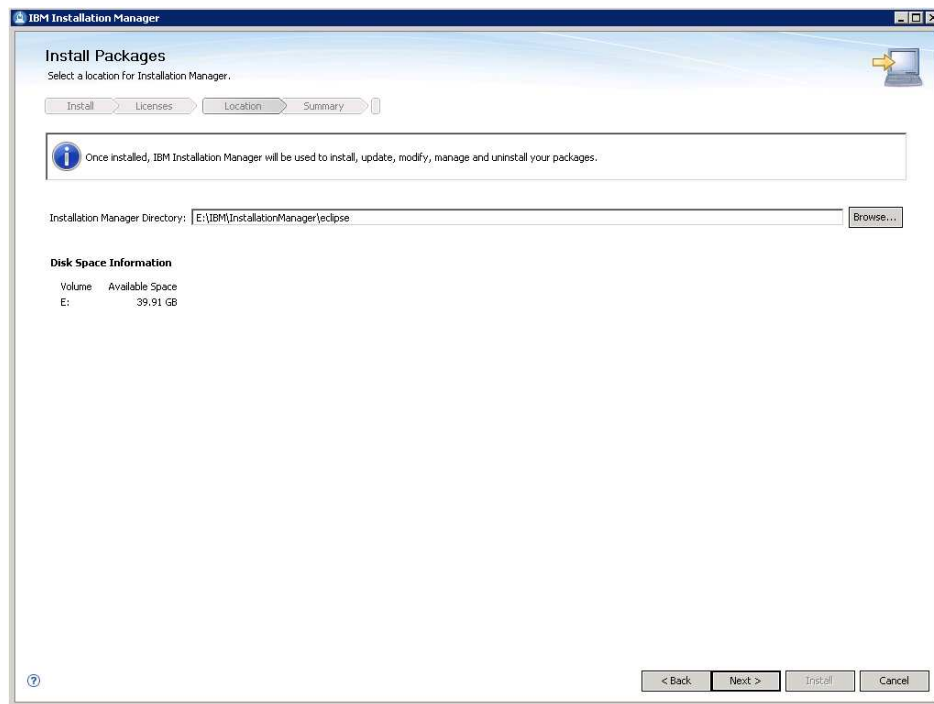


4. Click Next, and you will start the process of installing IBM Installation Manager



5. Select "I accept the terms in the license agreement"

6. Click Next



7. Update/Validate the Installation Manager Directory

Installation Manager Directory: _____

Example:

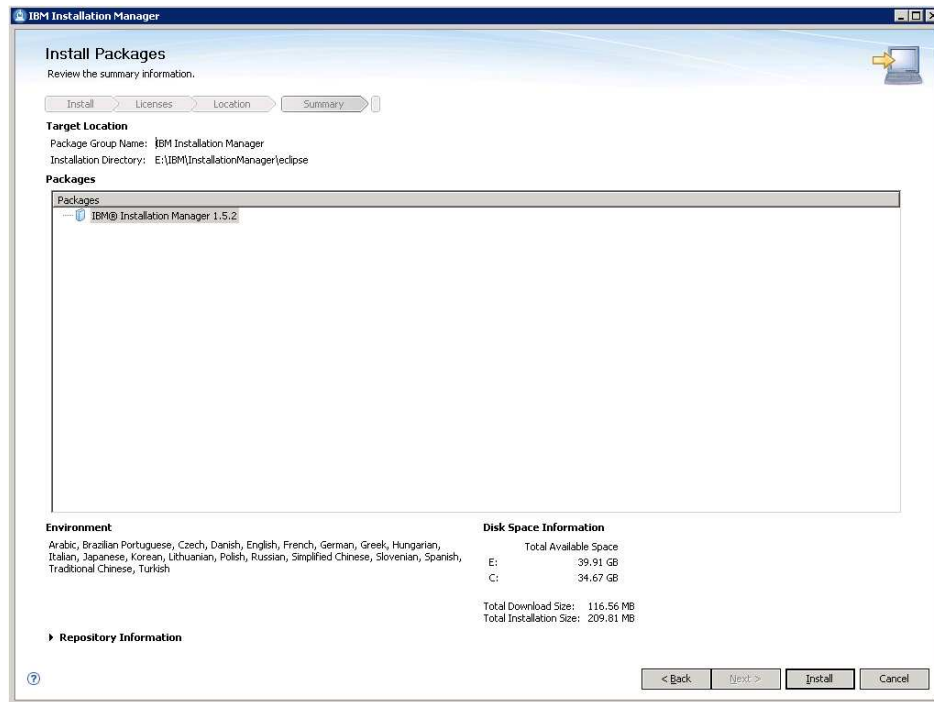
UNIX:

Installation Manager Directory: /opt/IBM/InstallationManager/eclipse

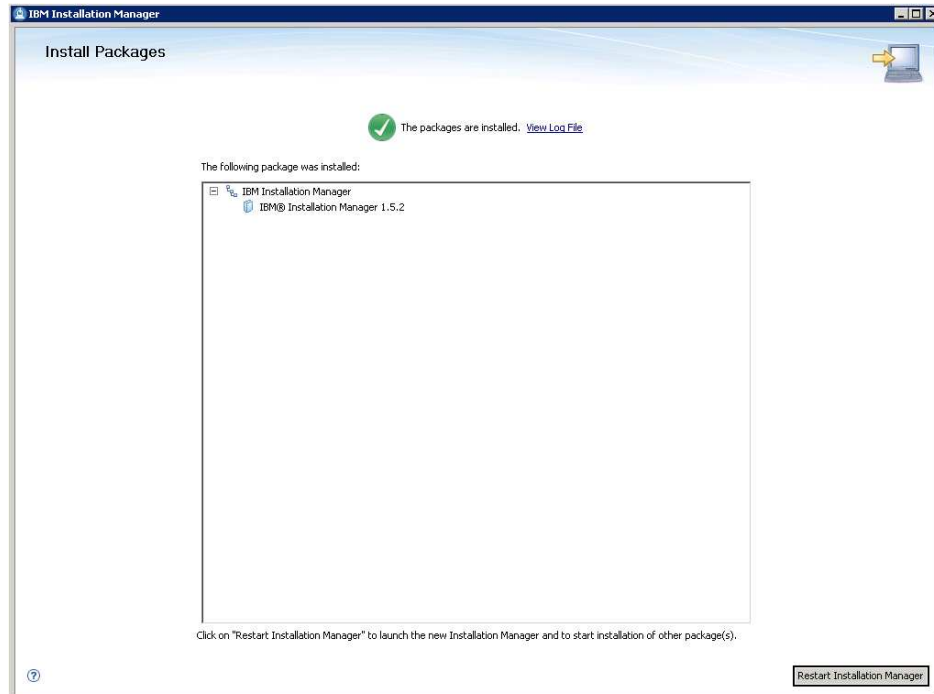
Windows:

Installation Manager Directory: E:\IBM\InstallationManager\eclipse

8. Click Next



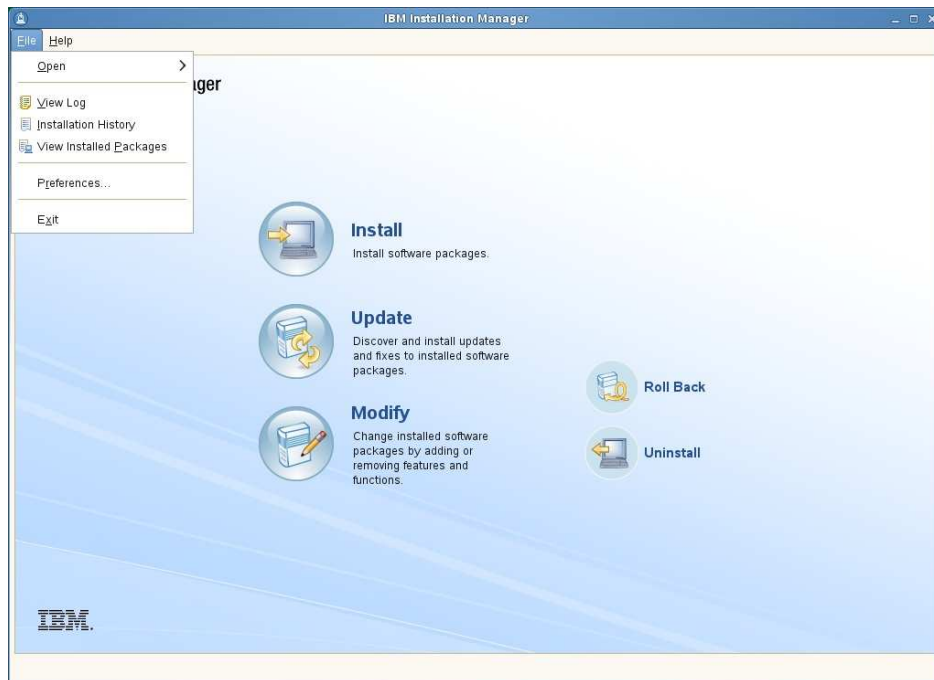
9. Review the summary information. If everything looks correct, click Install. Otherwise click Back and correct the problem.



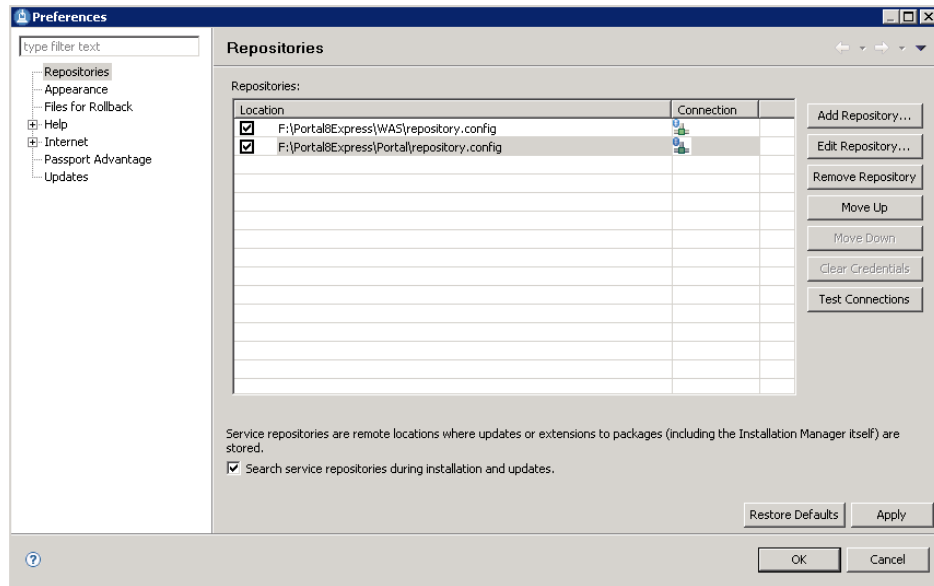
10. After the successful installation of the IBM Installation Manager, click “Restart Installation Manager” if you are ready to install WebSphere Portal 8 Express.

5.2 WebSphere Portal

1. Start the WebSphere Portal Installation using one of the following methods
 - a. Click Restart Installation Manager after a successful install of the Installation Manager
 - b. Start the Installation Manager if it was already installed earlier
 - c. Click “Install IBM WebSphere Portal from media” after you have started the setup command (setup.exe/setup.sh/setup64.exe)



2. Click File > Preferences...



3. If there are any Repository locations, select them all and click Remove Repository

4. Click Add Repository...

5. Update/Browse to the location of the WAS repository.config

<MEDIA>/WAS/repository.config

Example:

UNIX	/opt/tmp/Portal8Express/WAS/repository.config
Windows	F:\Portal8Express\WAS\repository.config

6. Click OK to add the repository

7. Click Add Repository

8. Enter/Browse to the location of the Portal repository.config

<MEDIA>/Portal/repository.config

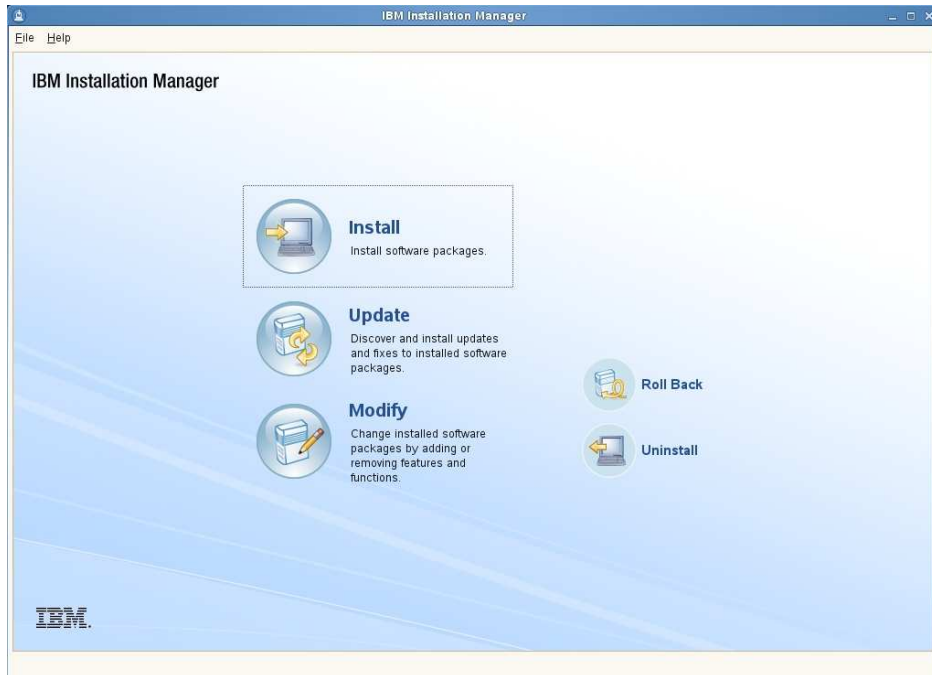
Example:

UNIX	/opt/tmp/Portal8Express/Portal/repository.config
Windows	F:\Portal8Express\Portal\repository.config

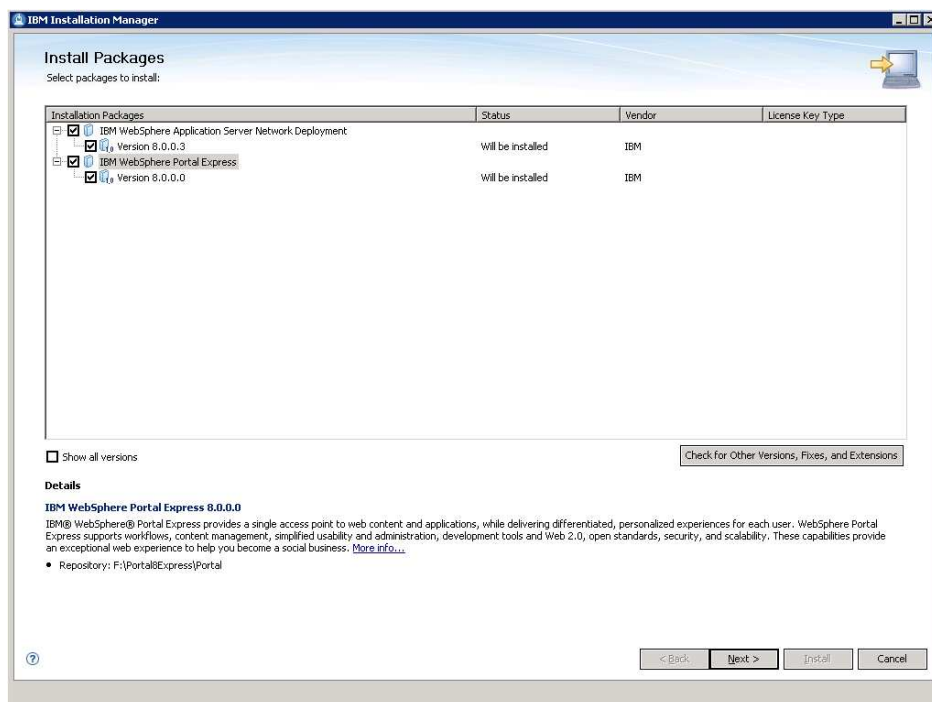
9. Click OK to add the repository

10. Click Test Connections to verify the repository.config

11. Click OK to close the Preference screen

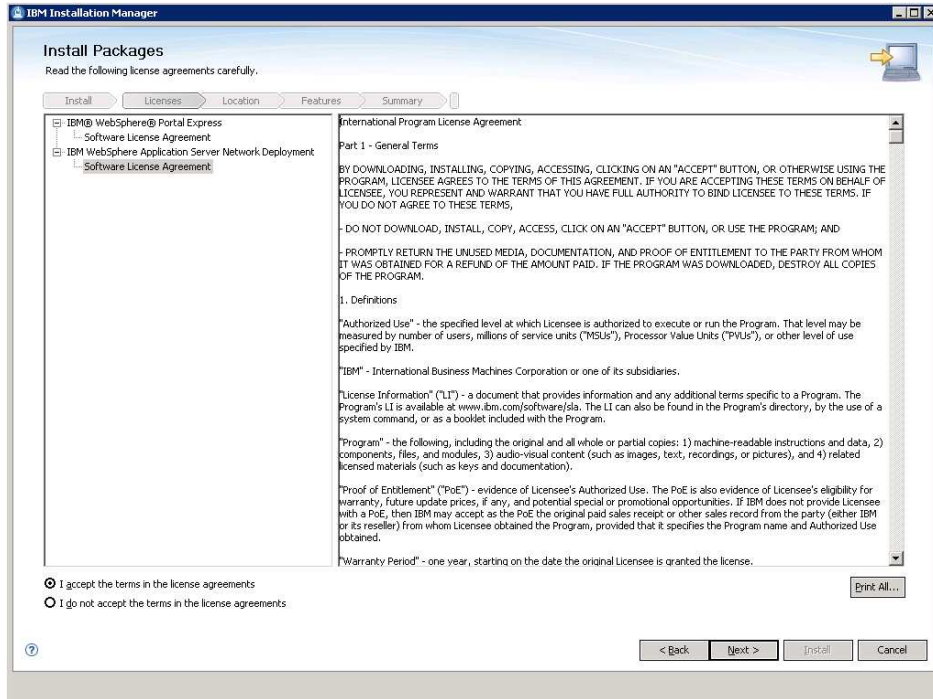


12. Click Install



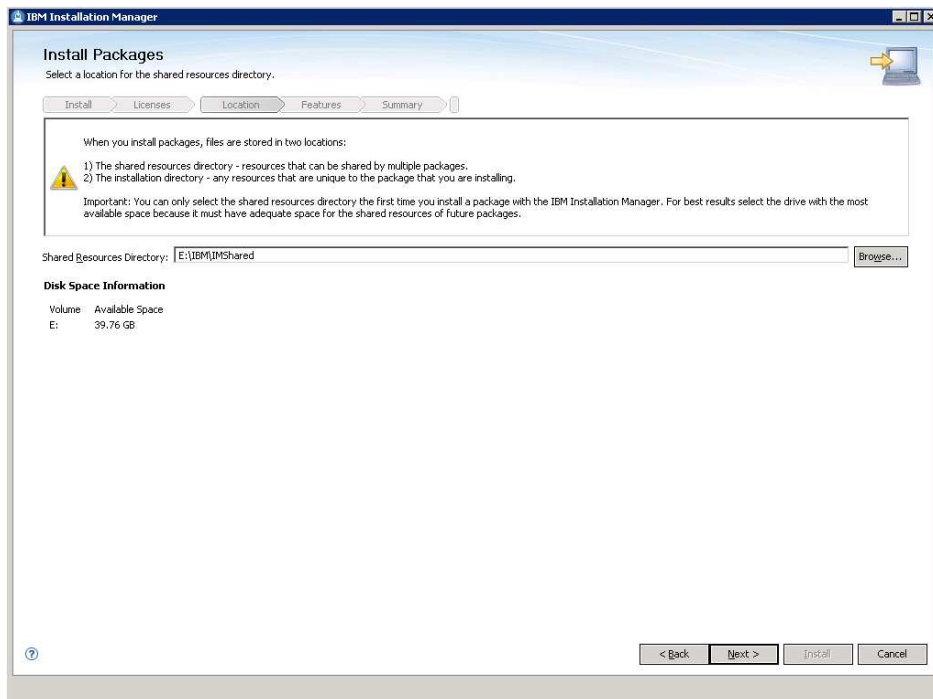
13. Check the Checkboxes by all of the software available

14. Click Next



15. Select “I accept the terms in the license agreements”

16. Click Next to accept the license agreements for all software



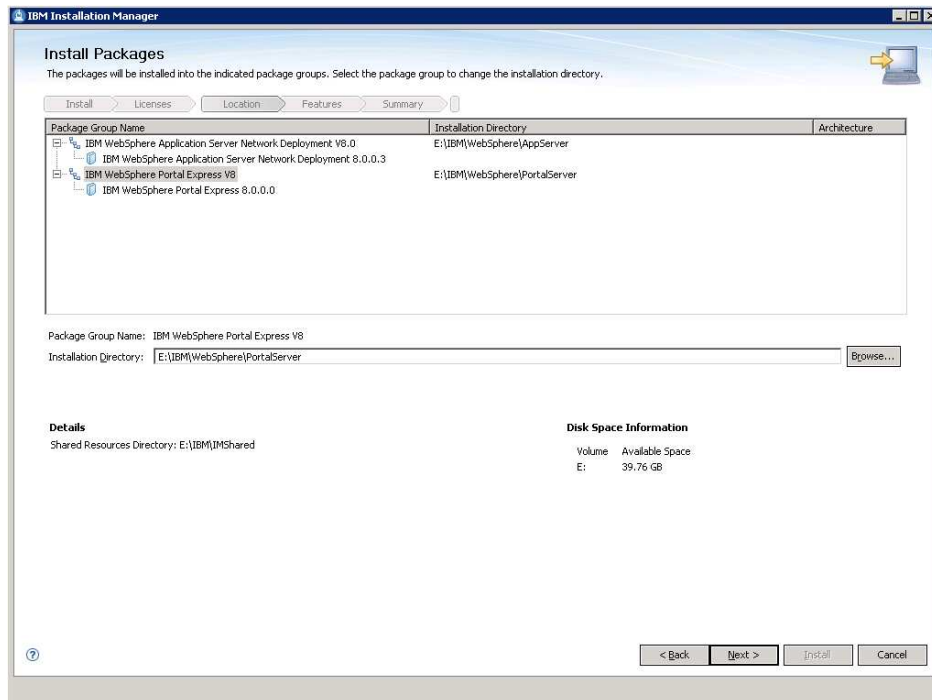
17. Update/Validate the Shared Resources Directory.

Shared Resources Directory: _____

Example:

UNIX	Shared Resources Directory: /opt/IBM/IMShared
Windows	Shared Resources Directory: E:\IBM\IMShared

18. Click Next



19. Select Package Group Name “IBM WebSphere Application Server Network Deployment V8.0”

20. Update/Validate the Installation Directory for WebSphere Application Server

WAS_HOME : _____

Example:

UNIX :	WAS_HOME : /opt/IBM/WebSphere/AppServer
Windows :	WAS_HOME : E:\IBM\WebSphere\AppServer

21. Select the Package Group Name “IBM WebSphere Portal Express V8”

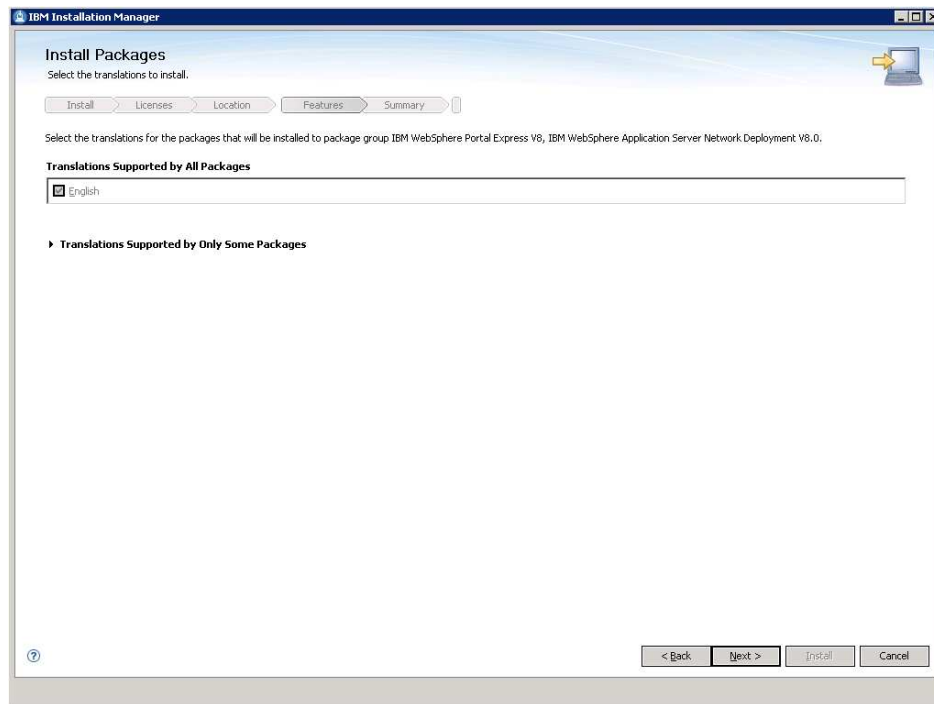
22. Update/Validate the Installation Directory for WebSphere Portal Server

WP_HOME : _____

Example:

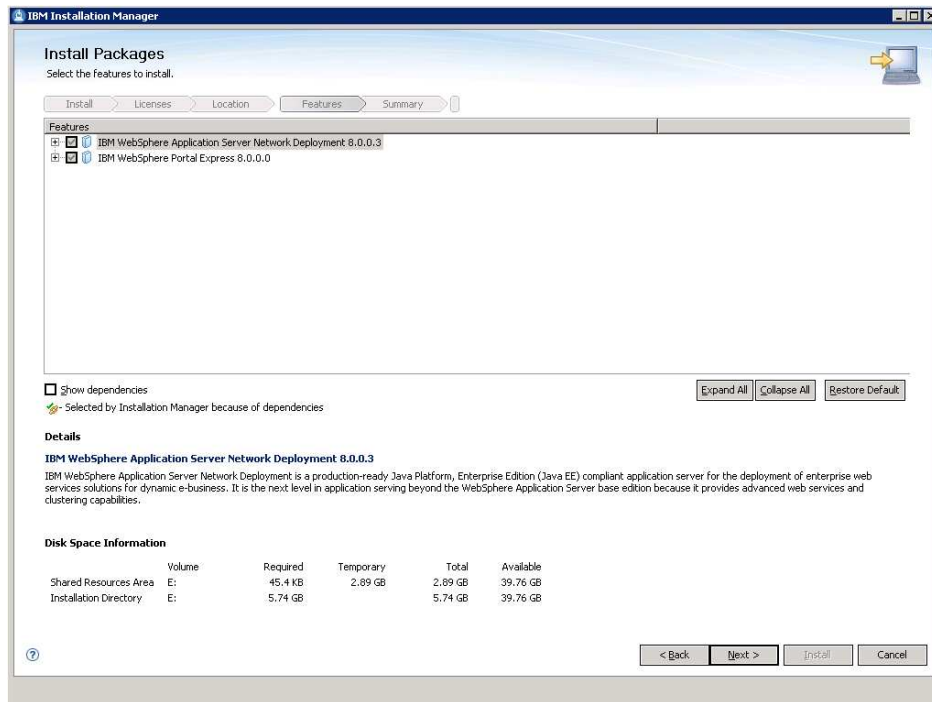
UNIX	WP_HOME : /opt/IBM/WebSphere/PortalServer
Windows	WP_HOME : E:\IBM\WebSphere\PortalServer

23. Click Next

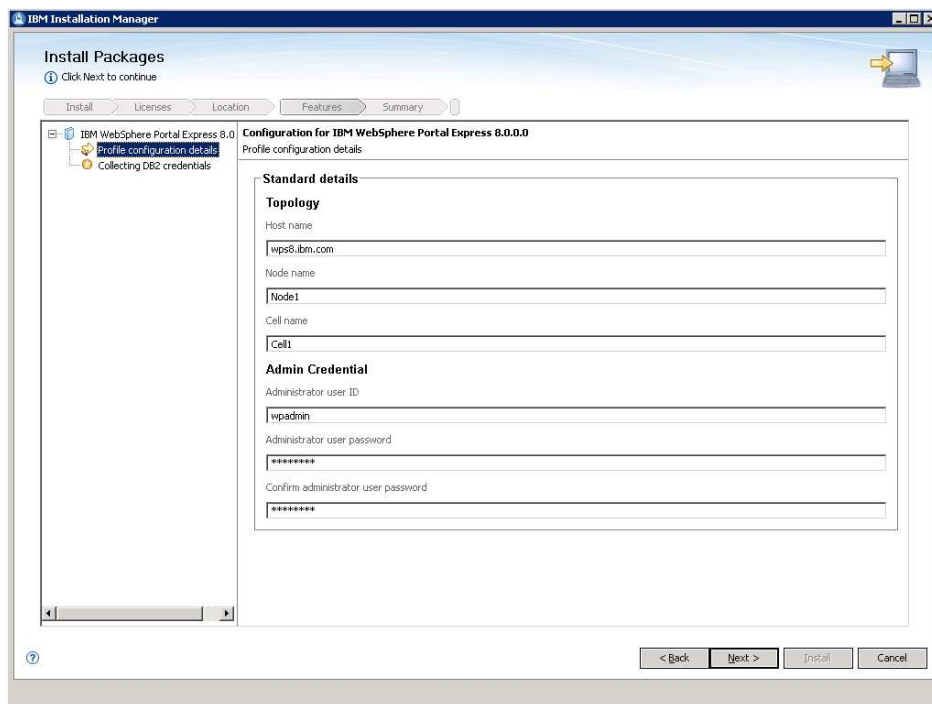


24. If you want to add some Translation Support by Only Some Packages, click on it and select the language you would like to add.

25. Click Next



26. Click Next



27. On the Profile configuration details, Enter the Topology information
 Hostname: _____
 Node Name: _____

Cell name: _____

Example:

Hostname: wps8.ibm.com
Node Name: Node01
Cell name: Cell1

28. On the Profile configuration details, Enter the Admin Credential

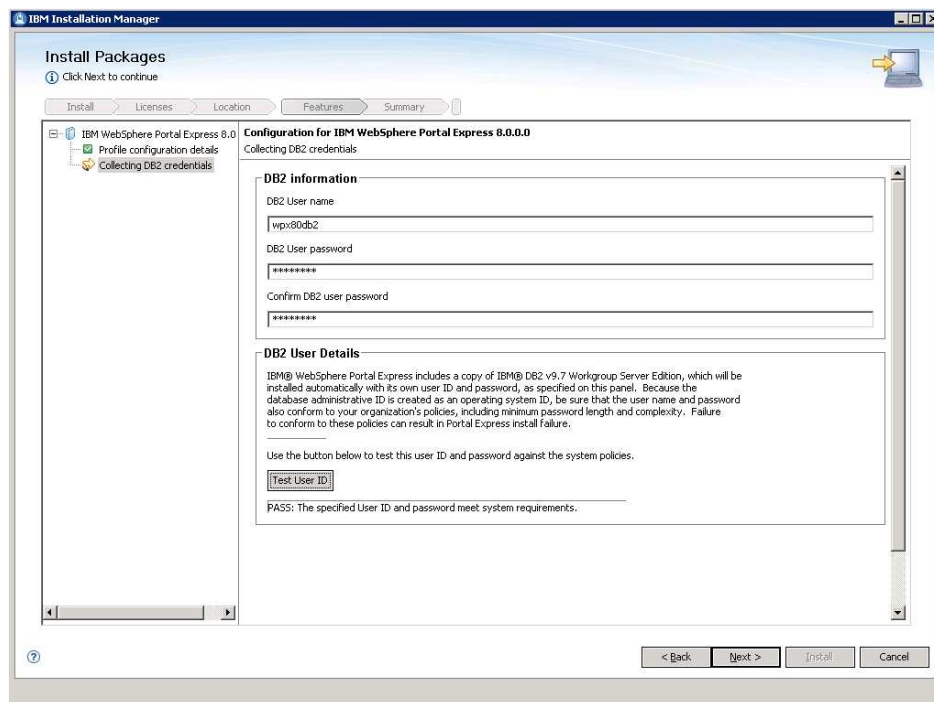
Administrator user ID: _____

Administrator user password: _____

Confirm administrator user password

Example:

Administrator user ID: wpadmin
Administrator user password: passw0rd



29. Select “Collecting DB2 credentials”

30. Under DB2 Information, Enter the DB2 Information

DB2 user name: _____

(wp:80db2 is default)

DB2 user password: _____

Confirm DB2 user password

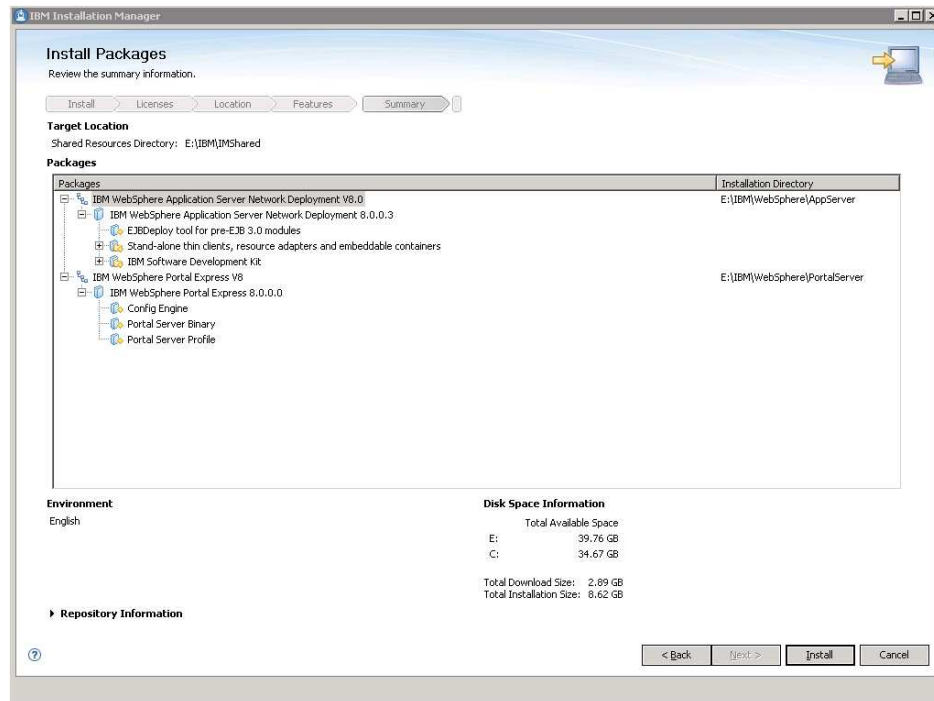
Example:

DB2 user name: _wp:80db2
DB2 user password: _passw0rd

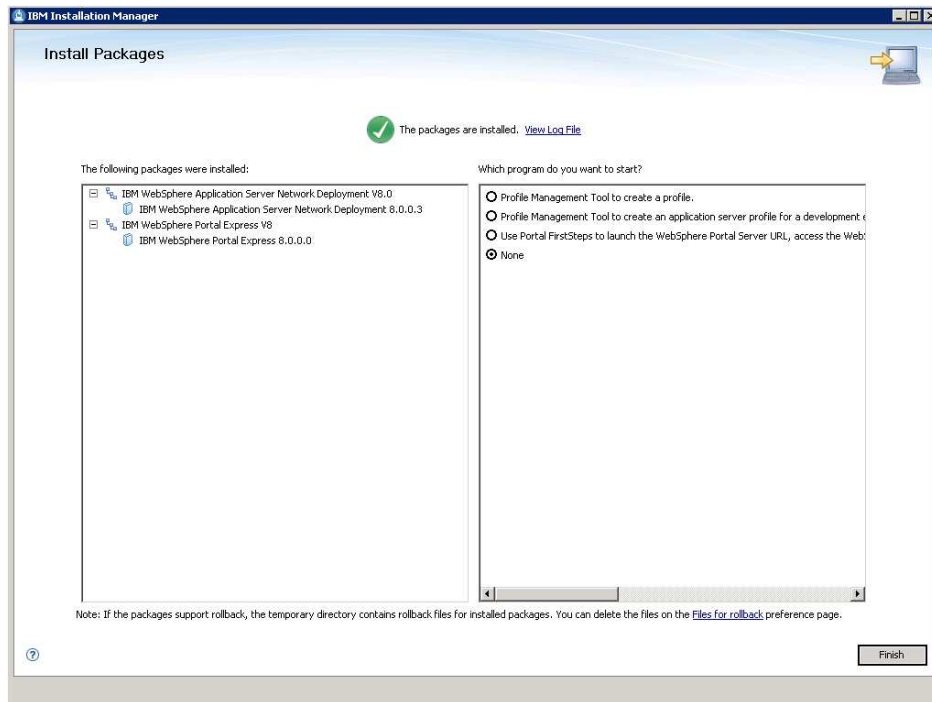
31. Under DB2 User Details, click Test User ID

32. Verify the result is “Pass: The specified User ID and password meet system requirements”

33. Click Next



34. Review the summary information. If everything is correct click Install, otherwise click Back

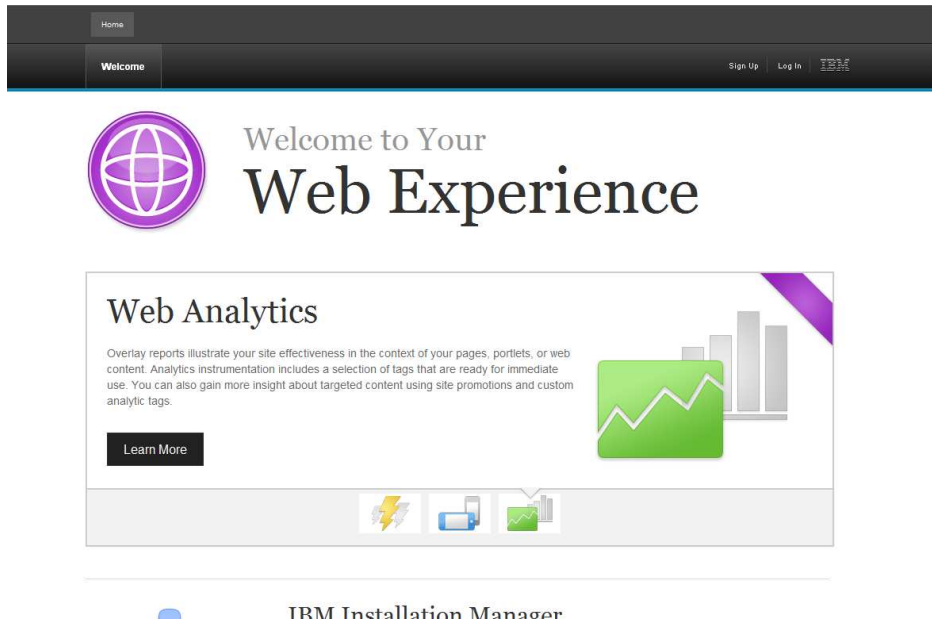


35. After the installation is successfully done, select None under “Which program do you want to start?”

36. Click Finish

5. Verification

6.1 WebSphere Portal

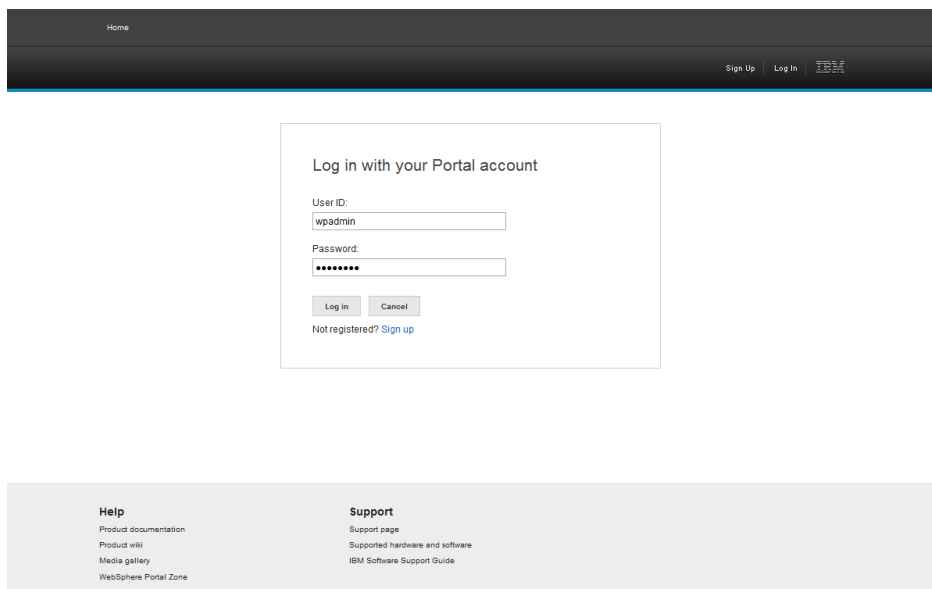


1. Open a browser and set the URL to the WebSphere Portal URL

`http://<HOSTNAME>:<PORT>/wps/portal`

Example:

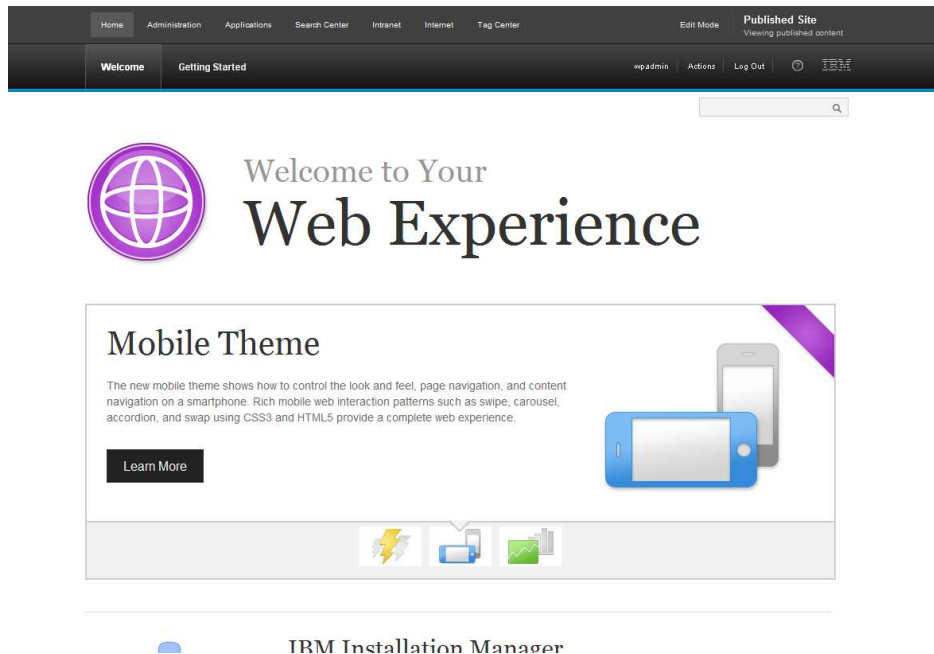
`http://wps8.ibm.com:10039/wps/portal`



2. Click Log In
3. Login with the username and password you set during installation

Example:

wpadmin/passw0rd



4. Navigate around to verify there are no problems

6.2 WebSphere Application Server Console



1. Open a browser and set the URL to the WebSphere Application Server Console

`https://<HOSTNAME>:<PORT>/ibm/console`

Example:

```
http://wps8.ibm.com:10042/ibm/console
https://wps8.ibm.com:10032/ibm/console
```

2. Login with the username and password you set during installation

Example:

```
wpadmin/passw0rd
```



3. Navigate around to verify there are no problems

6.3 Logs

1. Open an xterm or windows console on the WebSphere Portal System
2. Change directory to the WebSphere_Portal profile's log directory

```
#cd <WP_PROFILE>/logs/WebSphere_Portal
```

Example:

```
UNIX    #cd /opt/IBM/WebSphere/wp_profile/logs/WebSphere_Portal
Windows #cd E:\IBM\WebSphere\wp_profile\logs\WebSphere_Portal
```

3. Review the SystemOut.log for any unexpected errors
4. Review the SystemErr.log for any unexpected errors