

WebSphere Portal 9

Installation using Console Mode

Table of Content

1	Information	4
2	Media	5
2.1	WebSphere Portal Server	5
2.2	WebSphere Portal Enable.....	6
2.3	WebSphere Portal Extend	7
2.4	Web Content Manager	8
2.5	Web Content Manager Standard Edition	9
3	System Requirements.....	11
4	Install Prerequisites	12
4.1	Installation Manager.....	12
4.1.1	Root/Administrator	12
4.1.2	Non-Root/Non-Administrator.....	13
4.2	WebSphere Application Server 9 and IBM JDK 8	14
4.3	WebSphere Portal Server and Web Content Manager 8.5	15
4.3.1	WebSphere Portal Server.....	15
4.3.2	WebSphere Portal Enable	28
4.3.3	WebSphere Portal Extend	42
4.3.4	Web Content Manager	57
4.3.5	Web Content Manager Standard Edition	71
5	Update Portal to CF 13	86
6	Configure CF 13	88
7	Install Portal v9.0.....	89
7.1	WebSphere Portal Server	89
7.2	WebSphere Portal Server Enable	91
7.3	WebSphere Portal Server Extend.....	93
7.4	Web Content Manager	95
7.5	Web Content Manager Standard Edition	97
8	Next Steps	100
8.1	WebSphere Portal Server latest fixes	100
8.2	Log in to IBM WebSphere Portal	100
8.3	Modify uri.home.substitution.....	100
8.4	Configuration Wizard.....	101
8.5	IBM Watson Content Hub.....	101
9	Validate	102
9.1	WebSphere Portal JVM Process	102
9.1.1	Start JVM Process.....	102
9.1.2	Stop JVM Process	102
9.2	Configuration Wizard JVM.....	103
9.2.1	Start JVM Process.....	103
9.2.2	Stop JVM Process	104
9.3	WPVersionInfo.....	104
9.4	About Portlet	106

9.5	Web Content Management Authoring	108
9.6	Configuration Wizard URL.....	110

1 Information

This document will help with a standalone installation of WebSphere Portal 9 Server/Enable/Extend/WCM/WCMSE using the console mode of the Installation Manager. No Graphical user interface is required by the WebSphere Portal system.

Useful links:

- IBM WebSphere Portal and IBM Web Content Manager V9 Knowledge Center
http://www.ibm.com/support/knowledgecenter/SSHRKX_9.0.0/welcome/wp9_welcome.html
- WebSphere Portal Detailed System Requirements
<http://www-01.ibm.com/support/docview.wss?uid=swg27007791>
- WebSphere Portal and Web Content Manager V8.5.0.0 combined cumulative fix overview
https://www-10.lotus.com/ldd/portalwiki.nsf/xpDocViewer.xsp?lookupName=Combined+Cumulative+Fix+Readme+V8.5.0.0#action=openDocument&res_title=WebSphere_Portal_and_Web_Content_Manager_V8.5.0.0_combined_cumulative_fix_overview_cf8500&content=pdcontent
- WebSphere Application Server 9 Knowledge Center
https://www.ibm.com/support/knowledgecenter/SSEQTP_9.0.0/as_ditamaps/was900_welcome_base.html
- Installation Manager 1.8.5 Knowledge Center
https://www.ibm.com/support/knowledgecenter/SSDV2W_1.8.5/com.ibm.cic.agent.ui.doc/helpindex_imic.html

- This document is not written or supported by IBM Support

Name	Date	Version	Description
Loc Dang	02/10/17	V1	WebSphere Portal 9 Installation using Console mode

2 Media

Only download the entitlement of the WebSphere Portal 9 that is required. Downloading all of the entitlements are not required for the installation. Each entitlement will contain its own files required for the installation.

Entitlement List:

```
WebSphere Portal Server
WebSphere Portal Enable
WebSphere Portal Extend
Web Content Management
Web Content Management Standard Edition
```

2.1 WebSphere Portal Server

Each entitlement will contain its own files required for the installation. Downloading the other entitlements are not required.

IBM WebSphere Portal Server V9.0 Multilingual eAssembly (CJ1A2ML)

1. Download the following media files from Passport advantage. Save the files to a temporary media location <MEDIA>

MEDIA = _____

Example:

```
WIN      F:\
LINUX    /opt/tmp/
AIX      /usr/tmp/
```

Media	File Name	Description
CNH1RML	WPS_SU_V9.0_PART_1_MP_ML.zip	IBM WebSphere Portal Server Setup V9.0 Multiplatform Multilingual Part 1
CNH1SML	WPS_SU_V9.0_PART_2_MP_ML.zip	IBM WebSphere Portal Server Setup V9.0 Multiplatform Multilingual Part 2
CNH1TML	WPS_SU_V9.0_PART_3_MP_ML.zip	IBM WebSphere Portal Server Setup V9.0 Multiplatform Multilingual Part 3
CNH1UML	WPS_SU_V9.0_PART_4_MP_ML.zip	IBM WebSphere Portal Server Setup V9.0 Multiplatform Multilingual Part 4

2. Create a directory where the medial files will be extracted to (MWPS9)

Example:

```
WIN      F:\MWPS9
LINUX    /opt/tmp/MWPS9
AIX      /usr/tmp/MWPS9
```

3. Extract all files to the same directory <MWPS9>

MWPS9 = _____

Example:

```
<MWPS9>/SETUP/IIM/...
<MWPS9>/SETUP/launchpad/...
<MWPS9>/SETUP/products/...
<MWPS9>/SETUP/quickstart/...
<MWPS9>/SETUP/sample-responsefiles/...
<MWPS9>/SETUP/setup64.exe
<MWPS9>/SETUP/setup64.ini
<MWPS9>/SETUP/setup.sh
<MWPS9>/SETUP/WP90_Server.id
<MWPS9>/SETUP/WP90.setup.id
```

2.2 WebSphere Portal Enable

Each entitlement will contain its own files required for the installation. Downloading the other entitlements are not required.

IBM WebSphere Portal Enable V9.0 Multilingual eAssembly (CJ1A3ML)

1. Download the following media files from Passport advantage. Save the files to a temporary media location <MEDIA>

MEDIA = _____

Example:

```
WIN      F:\
LINUX    /opt/tmp/
AIX      /usr/tmp/
```

Media	File Name	Description
CNHIVML	WS_PORTAL_ENABLE_SU_V9.0_PART1_MP.zip	IBM WebSphere Portal Enable Setup V9.0 Multiplatform Multilingual Part 1
CNH1WML	WS_PORTAL_ENABLE_SU_V9.0_PART2_MP.zip	IBM WebSphere Portal Enable Setup V9.0 Multiplatform Multilingual Part 2
CNH1XML	WS_PORTAL_ENABLE_SU_V9.0_PART3_MP.zip	IBM WebSphere Portal Enable Setup V9.0 Multiplatform Multilingual Part 3
CNH1YML	WS_PORTAL_ENABLE_SU_V9.0_PART4_MP.zip	IBM WebSphere Portal Enable Setup V9.0 Multiplatform Multilingual Part 4

2. Create a directory where the medial files will be extracted to (MWPS9)

Example:

```
WIN      F:\MWPS9
LINUX    /opt/tmp/MWPS9
AIX      /usr/tmp/MWPS9
```

3. Extract all files to the same directory <MWPS9>

MWPS9 = _____

Example:

```
<MWPS9>/SETUP/IIM/...
<MWPS9>/SETUP/launchpad/...
<MWPS9>/SETUP/products/...
<MWPS9>/SETUP/quickstart/...
<MWPS9>/SETUP/sample-responsefiles/...
<MWPS9>/SETUP/setup64.exe
<MWPS9>/SETUP/setup64.ini
<MWPS9>/SETUP/setup.sh
<MWPS9>/SETUP/WP90_Enable.id
<MWPS9>/SETUP/WP90.setup.id
```

2.3 WebSphere Portal Extend

Each entitlement will contain its own files required for the installation. Downloading the other entitlements are not required.

IBM WebSphere Portal Extend V9.0 Multilingual eAssembly (CJ1A4ML)

4. Download the following media files from Passport advantage. Save the files to a temporary media location <MEDIA>

MEDIA = _____

Example:

```
WIN      F:\
LINUX    /opt/tmp/
AIX      /usr/tmp/
```

Media	File Name	Description
CNH1ZML	WS_PORTAL_EXTEND_SU_V9.0_PART1_MP.zip	IBM WebSphere Portal Extend Setup V9.0 Multiplatform Multilingual Part 1
CNH20ML	WS_PORTAL_EXTEND_SU_V9.0_PART1_MP.zip	IBM WebSphere Portal Extend Setup V9.0 Multiplatform Multilingual Part 2
CNH21ML	WS_PORTAL_EXTEND_SU_V9.0_PART1_MP.zip	IBM WebSphere Portal Extend Setup V9.0 Multiplatform Multilingual Part 3
CNH22ML	WS_PORTAL_EXTEND_SU_V9.0_PART1_MP.zip	IBM WebSphere Portal Extend Setup V9.0 Multiplatform Multilingual Part 4

5. Create a directory where the medial files will be extracted to (MWPS9)

Example:

```
WIN      F:\MWPS9
LINUX    /opt/tmp/MWPS9
AIX      /usr/tmp/MWPS9
```

6. Extract all files to the same directory <MWPS9>

MWPS9 = _____

Example:

```
<MWPS9>/SETUP/IIM/...
<MWPS9>/SETUP/launchpad/...
<MWPS9>/SETUP/products/...
<MWPS9>/SETUP/quickstart/...
<MWPS9>/SETUP/sample-responsefiles/...
<MWPS9>/SETUP/setup64.exe
<MWPS9>/SETUP/setup64.ini
<MWPS9>/SETUP/setup.sh
<MWPS9>/SETUP/WP90_Extend.id
<MWPS9>/SETUP/WP90.setup.id
```

2.4 Web Content Manager

Each entitlement will contain its own files required for the installation. Downloading the other entitlements are not required.

IBM Web Content Manager V9.0 Multiplatform Multilingual eAssembly (CJ1A5ML)

1. Download the following media files from Passport advantage. Save the files to a temporary media location <MEDIA>

MEDIA = _____

Example:

```
WIN      F:\
LINUX    /opt/tmp/
AIX      /usr/tmp/
```

Media	File Name	Description
CNH23ML	WEB_CONT_MGR_SU_V9.0_PART1_MPML.zip	IBM Web Content Manager Setup V9.0 Multiplatform Multilingual Part 1
CNH24ML	WEB_CONT_MGR_SU_V9.0_PART2_MPML.zip	IBM Web Content Manager Setup V9.0 Multiplatform Multilingual Part 2
CNH25ML	WEB_CONT_MGR_SU_V9.0_PART3_MPML.zip	IBM Web Content Manager Setup V9.0 Multiplatform Multilingual Part 3
CNH26ML	WEB_CONT_MGR_SU_V9.0_PART4_MPML.zip	IBM Web Content Manager Setup V9.0 Multiplatform Multilingual Part 4

2. Create a directory where the medial files will be extracted to (MWPS9)

Example:

```
WIN      F:\MWPS9
LINUX    /opt/tmp/MWPS9
AIX      /usr/tmp/MWPS9
```

3. Extract all files to the same directory <MWPS9>

MWPS9 = _____

Example:

```
<MWPS9>/SETUP/IIM/...
<MWPS9>/SETUP/launchpad/...
<MWPS9>/SETUP/products/...
<MWPS9>/SETUP/quickstart/...
<MWPS9>/SETUP/sample-responsefiles/...
<MWPS9>/SETUP/setup64.exe
<MWPS9>/SETUP/setup64.ini
<MWPS9>/SETUP/setup.sh
<MWPS9>/SETUP/WP90_WCM.id
<MWPS9>/SETUP/WP90.setup.id
```

2.5 Web Content Manager Standard Edition

Each entitlement will contain its own files required for the installation. Downloading the other entitlements are not required.

IBM Web Content Manager Standard Edition V9.0 Multiplatform Multilingual eAssembly (CJ1A6ML)

1. Download the following media files from Passport advantage. Save the files to a temporary media location <MEDIA>

MEDIA = _____

Example:

```
WIN      F:\
LINUX    /opt/tmp/
AIX      /usr/tmp/
```

Media	File Name	Description
CNH27ML	WEB_CONT_MGR_SE_SU_V 9.0_PART1_MPML.zip	IBM Web Content Manager Standard Edition Setup V9.0 Multiplatform Multilingual Part 1
CNH27ML	WEB_CONT_MGR_SE_SU_V 9.0_PART2_MPML.zip	IBM Web Content Manager Standard Edition Setup V9.0 Multiplatform Multilingual Part 2
CNH27ML	WEB_CONT_MGR_SE_SU_V	IBM Web Content Manager Standard

	9.0_PART3_MPML.zip	Edition Setup V9.0 Multiplatform Multilingual Part 3
CNH2AML	WEB_CONT_MGR_SE_SU_V 9.0_PART4_MPML.zip	IBM Web Content Manager Standard Edition Setup V9.0 Multiplatform Multilingual Part 4

2. Create a directory where the medial files will be extracted to (MWPS9)

Example:

```
WIN      F:\MWPS9
LINUX    /opt/tmp/MWPS9
AIX      /usr/tmp/MWPS9
```

3. Extract all files to the same directory <MWPS9>

MWPS9 = _____

Example:

```
<MWPS9>/SETUP/IIM/...
<MWPS9>/SETUP/launchpad/...
<MWPS9>/SETUP/products/...
<MWPS9>/SETUP/quickstart/...
<MWPS9>/SETUP/sample-responsefiles/...
<MWPS9>/SETUP/setup64.exe
<MWPS9>/SETUP/setup64.ini
<MWPS9>/SETUP/setup.sh
<MWPS9>/SETUP/WP90_WSE.id
<MWPS9>/SETUP/WP90.setup.id
```

3 System Requirements

http://www.ibm.com/support/knowledgecenter/SSHRKX_9.0.0/mp/install/rm_testv9.html#inst_web_exp

1. Review the hardware and software requirements to ensure that you have the supported versions of prerequisite and corequisite software and the required hardware.

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

2. Start all servers and applications that require a port number to avoid port conflicts when installing WebSphere Portal.
3. Type `ping yourserver.yourcompany.com` on a command line to verify that your fully qualified host name is properly configured. If ping is not configured on the system, decide if the risk is acceptable.

```
ping <HOSTNAME>
```

Example:

```
ping wps9.ibm.com
```

4. Type `ping localhost` on a command line to verify that your network is properly configured. If ping is not configured on the system, decide if the risk is acceptable

```
ping localhost
```

5. If you are installing on a server with a firewall, antivirus, screen saver, or desktop search engine that is enabled, disable them before you install. If you do not disable them and the installation program detects them, a warning message displays during the installation or the installation might fail.

Note: If you are using Windows Defender, it can cause installation failures. To avoid errors, add the `C:\Users\Administrator\AppData\Local\Temp\` directory to the ignore list. If you use a different temp directory for your installation, add that directory to the ignore list.

4 Install Prerequisites

4.1 Installation Manager

If a supported version of IBM Installation Manager is already installed, this section can be skipped. Verify the version of IBM Installation Manager is supported before moving on to the next section.

Following the section that meets the user used to install IBM Installation Manager

- Root/Administrator
- Non-Root/Non-Administrator

4.1.1 Root/Administrator

This section only needs to be followed when installing the IBM Installation Manager as root or administrator.

1. Login to the WebSphere Portal Server file system
2. Change to the IIM directory of the extracted media

```
cd <MWPS9>/SETUP/IIM/<OS>/
```

Example:

```
WIN64      cd F:/MWPS9/SETUP/IIM/Win64/
LINUX64    cd /opt/tmp/MWPS9/SETUP/IIM/linux_x86_64/
AIX        cd /usr/tmp/MWPS9/SETUP/IIM/aix/
```

3. Run the following command on one line to install IBM Installation Manager

```
installc(.exe) -installationDirectory <IIM_HOME>/eclipse -log <LOGFILE>
-acceptLicense
```

Example: WINDOWS

```
installc.exe -installationDirectory E:\IBM\InstallationManager\eclipse
-log F:\temp\IIM_Install.log -acceptLicense
```

Example: LINUX

```
./installc -installationDirectory /opt/IBM/InstallationManager/eclipse
-log /opt/tmp/IIM_Install.log -acceptLicense
```

Example: AIX

```
./installc -installationDirectory /usr/IBM/InstallationManager/eclipse
-log /usr/tmp/IIM_Install.log -acceptLicense
```

4. Verify the install results

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the
<IIM_HOME>/eclipse directory
```

Example: WINDOWS

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
E:\IBM\InstallationManager\eclipse directory.
```

Example: LINUX

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
/opt/IBM/InstallationManager/eclipse directory.
```

Example: AIX

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
/opt/IBM/InstallationManager/eclipse directory.
```

4.1.2 Non-Root/Non-Administrator

This section only needs to be followed when installing the IBM Installation Manager as a non-root or non-administrator user.

1. Login to the WebSphere Portal Server file system
2. Change to the IIM directory of the extracted media

```
cd <MWPS9>/SETUP/IIM/<OS>/
```

Example:

```
WIN64      cd F:/MWPS9/SETUP/IIM/Win64/  
LINUX64    cd /opt/tmp/MWPS9/SETUP/IIM/linux_x86_64/  
AIX        cd /usr/tmp/MWPS9/SETUP/IIM/aix/
```

3. Run the following command on one line to install IBM Installation Manager

```
userinstc(.exe) -installationDirectory <IIM_HOME>/eclipse -log  
<LOGFILE> -acceptLicense
```

Example: WINDOWS

```
userinstc.exe -installationDirectory E:\IBM\InstallationManager\eclipse  
-log F:\temp\IIM_Install.log -acceptLicense
```

Example: LINUX

```
./userinstc -installationDirectory /opt/IBM/InstallationManager/eclipse  
-log /opt/tmp/IIM_Install.log -acceptLicense
```

Example: AIX

```
./userinstc -installationDirectory /usr/IBM/InstallationManager/eclipse  
-log /usr/tmp/IIM_Install.log -acceptLicense
```

4. Verify the install results

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
<IIM_HOME>/eclipse directory
```

Example: WINDOWS

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
E:\IBM\InstallationManager\eclipse directory.
```

Example: LINUX

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
/opt/IBM/InstallationManager/eclipse directory.
```

Example: AIX

```
Installed com.ibm.cic.agent_1.8.5000.20160506_1125 to the  
/opt/IBM/InstallationManager/eclipse directory.
```

4.2 WebSphere Application Server 9 and IBM JDK 8

The WebSphere Application Server V9 and the IBM JDK V8 must be installed either before or at the same time the WebSphere Portal Server is installed but in a different package. The instructions in this section will help with the installation of the WebSphere Application Server and IBM JDK.

1. Login to the WebSphere Portal Sserver file syste as the user used to install IBM Installation Manager.
2. Run the following command on one line to install WebSphere Application Server and the IBM JDK V8.

```
<IIM_HOME>/eclipse/tools/imcl install com.ibm.websphere.ND.v90  
com.ibm.java.jdk.v8 -repositories  
<MWPS9>/SETUP/products/WASND90/repository.config,<MWPS9>/SETUP/products  
/JDK803/repository.config -installationDirectory <WAS_HOME> -  
sharedResourcesDirectory <IMSHARED_DIR> -acceptLicense
```

NOTE: Adding -sP to the end of the command will show a progress bar for the installation. The -sP is optional but it was included in the example below.

```
-----25%-----50%-----75%-----100%  
-----|-----|-----|-----|  
.....
```

Example: WINDOWS

```
E:\IBM\InstallationManager\elipse\tools\imcl install  
com.ibm.websphere.ND.v90 com.ibm.java.jdk.v8 -repositories  
F:\MWPS9\SETUP\products\WASND90\repository.config,  
F:\MWPS9\SETUP\products\JDK803\repository.config -installationDirectory  
/opt/IBM/WebSphere/AppServer -sharedResourcesDirectory  
/opt/IBM/WebSphere/IMShared -acceptLicense -sP
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.ND.v90 com.ibm.java.jdk.v8 -repositories  
/opt/tmp/MWPS9/SETUP/products/WASND90/repository.config,/opt/tmp/MWPS9/  
SETUP/products/JDK803/repository.config -installationDirectory  
/opt/IBM/WebSphere/AppServer -sharedResourcesDirectory  
/opt/IBM/WebSphere/IMShared -acceptLicense -sP
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.ND.v90 com.ibm.java.jdk.v8 -repositories  
/usr/tmp/MWPS9/SETUP/products/WASND90/repository.config,/usr/tmp/MWPS9/  
SETUP/products/JDK803/repository.config -installationDirectory  
/usr/IBM/WebSphere/AppServer -sharedResourcesDirectory  
/usr/IBM/WebSphere/IMShared -acceptLicense -sP
```

3. Validate the Installation results

```
Installed com.ibm.websphere.ND.v90_9.0.2.20161108_1719 to the  
<WAS_HOME> directory.  
Installed com.ibm.java.jdk.v8_8.0.3020.20161024_1413 to the <WAS_HOME>  
directory.
```

Example: WINDOWS

```
Installed com.ibm.websphere.ND.v90_9.0.2.20161108_1719 to the  
E:\IBM\WebSphere\AppServer directory.  
Installed com.ibm.java.jdk.v8_8.0.3020.20161024_1413 to the  
E:\IBM\WebSphere\AppServer directory.
```

Example: LINUX

```
Installed com.ibm.websphere.ND.v90_9.0.2.20161108_1719 to the  
/opt/IBM/WebSphere/AppServer directory.  
Installed com.ibm.java.jdk.v8_8.0.3020.20161024_1413 to the  
/opt/IBM/WebSphere/AppServer directory.
```

Example: AIX

```
Installed com.ibm.websphere.ND.v90_9.0.2.20161108_1719 to the  
/usr/IBM/WebSphere/AppServer directory.  
Installed com.ibm.java.jdk.v8_8.0.3020.20161024_1413 to the  
/usr/IBM/WebSphere/AppServer directory.
```

4.3 WebSphere Portal Server and Web Content Manager 8.5

Only install the entitlement of the WebSphere Portal 9 that was downloaded. Attempting to install all of the entitlements will fail. Each entitlement section will contain its own instructions.

Entitlement List:

```
WebSphere Portal Server  
WebSphere Portal Enable  
WebSphere Portal Extend  
Web Content Management  
Web Content Management Standard Edition
```

4.3.1 WebSphere Portal Server

1. Login to the WebSphere Portal Server file system with the user used to install the IBM Installation Manager

2. Run the following command to start the WebSphere Portal installation in console mode

```
cd <IIM>/eclipse/tools/imcl -c
```

Example:

```
WIN      E:\IBM\InstallationManager\eclipse\tools\imcl -c
Linux    /opt/IBM/InstallationManager/eclipse/tools/imcl -c
AIX      /usr/IBM/InstallationManager/eclipse/tools/imcl -c
```

```
=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> P
```

3. Enter **P** for “Preferences”

```
=====> IBM Installation Manager> Preferences

Select:
  1. Repositories
  2. Appearance
  3. Files for Rollback
  4. SSL/TLS
  5. HTTP/FTP Proxy
  6. Passport Advantage
  7. Secure Storage
  8. Updates

  R. Return to Main Menu
-----> [1] 1
```

4. Enter **1** for “Repositories”


```

=====> IBM Installation Manager> Preferences> Repositories

Repositories:

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D

```

5. Enter **D** for “Add Repository”

```

=====> IBM Installation Manager> Preferences> Repositories> Add
repository

Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

```

6. Enter the repository.config for the WebSphere Portal Server V8.5

```

<MWPS9>/SETUP/products/WP85_Server/repository.config

```

Example:

WIN	F: \MWPS9\SETUP\products\WP85_Server\repository.config
LINUX	/opt/tmp/MWPS9 /SETUP/products/WP85_Server/repository.config
AIX	/usr/tmp/MWPS9 /SETUP/products/WP85_Server/repository.config

```

Checking repositories...

=====> IBM Installation Manager> Preferences> Repositories

Repositories:
  1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D

```

7. Click **D** for “Add Repository”

```

=====> IBM Installation Manager> Preferences> Repositories> Add
repository

```

```
Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

8. Enter the repository.config for the interim fix IFPI59896

```
<MWPS9>/SETUP/products/IFPI59896/
8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: WINDOWS

```
F:\MWPS9\SETUP\products\IFPI59896\8.5.0.0-WP-Server-
IFPI59896.zip\repository.config
```

Example: LINUX

```
/opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

Example: AIX

```
/usr/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

```
Checking repositories...
```

```
=====> IBM Installation Manager> Preferences> Repositories
```

```
Repositories:
```

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config

```
Other Options:
```

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

```
-----> P
```

9. Enter **P** for “Temporarily Keep Changes and return to Preferences Menu”

```
=====> IBM Installation Manager> Preferences
```

```
Select:
```

1. Repositories
2. Appearance
3. Files for Rollback
4. SSL/TLS
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

```
S. Save All Changes,      C. Cancel
-----> [1] S
```

10. Enter **S** for “Save All Changes”

```
=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> 1
```

11. Enter **1** for “Install – Install software packages”

```
Checking repositories...
Loading repositories...
Checking availability of packages...
Validating package prerequisites...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [ ] IBM WebSphere Portal Server 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  C. Cancel
-----> [C] 1
```

12. Enter **1** for “IBM WebSphere Portal Server 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Server 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
```

```
2. Show all available versions of the package.

C. Cancel
-----> [1] 1
```

13. Enter 1 for “Choose version 8.5.0.0 for installation.”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] N
```

14. Enter N for “Next”

```
Loading fixes...
Loading fixes...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [ ] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [ ] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

  B. Back,          N. Next,          C. Cancel
-----> [N] 2
```

15. Enter 2 for “8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [X] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [X] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

  B. Back,          N. Next,          C. Cancel
```

```
-----> [N] N
```

16. Enter **N** for “Next”

```
Validating package prerequisites...
```

```
=====> IBM Installation Manager> Install> Fixes> Licenses
```

```
Read the following license agreements carefully.
```

```
View a license agreement by entering the number:
```

```
1. IBM WebSphere Portal Server
```

```
Options:
```

```
A. [ ] I accept the terms in the license agreements
```

```
D. [ ] I do not accept the terms in the license agreements
```

```
B. Back,          C. Cancel
```

```
-----> [C] A
```

17. Enter **A** for “I accept the terms in the license agreements”

```
=====> IBM Installation Manager> Install> Fixes> Licenses
```

```
Read the following license agreements carefully.
```

```
View a license agreement by entering the number:
```

```
1. IBM WebSphere Portal Server
```

```
Options:
```

```
A. [X] I accept the terms in the license agreements
```

```
D. [ ] I do not accept the terms in the license agreements
```

```
B. Back,          N. Next,          C. Cancel
```

```
-----> [N] N
```

18. Enter **N** for Next

```
Finding compatible package groups...
```

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location
```

```
New package group:
```

```
1. [X] IBM WebSphere Portal Server V8.5
```

```
Incompatible existing package groups:
```

```
2. IBM WebSphere Application Server V9.0
```

```
Selected group id: "IBM WebSphere Portal Server V8.5"
```

```
Selected location: "/home/wasadmin/IBM/WebSphere/PortalServer"
```

```
Selected architecture: 64-bit
```

```
Options:
```

```
M. Change Location
```

```
      B. Back,      N. Next,      C. Cancel
-----> [N] M
```

19. Enter **M** for “Change Location”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
      Location> Enter installation location

Enter a new installation location. To skip, press Enter:
-----> /opt/IBM/WebSphere/PortalServer
```

20. Enter the location for the WebSphere Portal Server home directory

WP_HOME: _____

Example:

WIN	E:\IBM\WebSphere\PortalServer
LINUX	/opt/IBM/WebSphere/PortalServer
AIX	/usr/IBM/WebSphere/PortalServer

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
      1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
      2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/opt/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
      M. Change Location

      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

21. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features

IBM WebSphere Portal Server
      1. [X] Portal Server Profile

IBM Web Content Manager

      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

22. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels

---- Configuration for IBM WebSphere Portal Server 8.5.0.0

---- WebSphere Application Server root directory selection

Select WebSphere Application Server root directory:
  1. [ ] /opt/IBM/WebSphere/AppServer
-----> 1
```

23. Enter **1** to select the WebSphere Application Server root directory. The WebSphere Application Server root directory should match the directory used during the installation of WebSphere Application Server

```
---- Enter the Administrator user ID and password for the Configuration
Wizard.
---- This ID is used only to log in to the Configuration Wizard and can
be different from the Portal administrative ID.

Enter an administrator user ID for the Configuration Wizard:
-----> cwadmin
```

24. Enter the Administrator user ID for the Configuration Wizard

CWADMIN: _____

Example: **cwadmin**

```
Enter an administrator user password for the Configuration Wizard:
----->
```

25. Enter the Administrator user password for the Configuration Wizard

```
Confirm administrator user password for the Configuration Wizard:
----->
```

26. Enter the Administrator user password again for the Configuration Wizard

```
---- Enter the details for configuring the portal profile

---- Topology

Enter the host name [example: wps9.ibm.com]:
-----> [wps9.ibm.com] wps9.ibm.com
```

27. Enter the host name of the WebSphere Portal Server

WP_HOSTNAME: _____

Example: `wps9.ibm.com`

```
Enter the node name [example: wps9Node]:
```

```
-----> [wps9Node] wps9Node
```

28. Enter the node name for the WebSphere Portal Server

WP_NODENAME: _____

Example: `wps9Node`

```
Enter the cell name [example: wps9Cell]:
```

```
-----> [wps9Cell] wps9Cell
```

29. Enter the cell name for the WebSphere Portal Server. If the WebSphere Portal Server will be connected to a deployment manager, the cell name can not match the cell name of the deployment manager.

WP_CELLNAME: _____

Example: `wps9Cell`

```
---- Admin Credentials for Portal Server
```

```
---- Enter the user ID and the password of the WebSphere Application  
Server and Portal Server administrator.
```

```
Enter an administrator user ID for the portal server [example:  
cwadmin]:
```

```
-----> [cwadmin] wpadmin
```

30. Enter the Administrator user ID for the WebSphere Portal Server. This user does not have to match the Configuration Wizard Administrator. If the WebSphere Portal Server will be configured to a Federated User Repository, the user can not match on that exist in the Federated User Repository.

WPADMIN: _____

Example: `wpadmin`

```
Enter an administrator user password for the portal server:
```

```
----->
```

31. Enter the administrator user password for the WebSphere Portal Server

```
Confirm administrator user password for the portal server:
```



```
----->
```

32. Enter the administrator user password again for the WebSphere Portal Server
Administrator user ID

```
You can configure advanced parameters or accept defaults.  
These include customized URI settings, profile name, and port numbers.  
Do you want to specify advanced parameters? [Y,N]  
-----> [N] Y
```

33. Either **Y** or **N** is acceptable.
- **N**: Enter N will skip the advanced parameters and use the defaults
 - **Y**: Enter Y will give the ability to do further configurations. In the example, **Y** was chosen for the reason of knowing what are configurable during installation

```
---- URI  
  
Enter the context root [example: wps]:  
-----> [wps] wps
```

34. Enter the context root for the WebSphere Portal Server URL

WP_CONTEXTROOT: _____

Example: `wps`

```
Enter the default home [example: portal]:  
-----> [portal] portal
```

35. Enter the default home for the WebSphere Portal Server URL

WP_DEFAULTHOME: _____

Example: `portal`

```
Enter the personalized home [example: myportal]:  
-----> [myportal] myportal
```

36. Enter the personalized home for the WebSphere Portal Server URL

WP_PERSONALIZEDHOME: _____

Example: `myportal`

```
Enter the profile name [example: wp_profile]:  
-----> [wp_profile] wp_profile
```

37. Enter the profile name for the WebSphere Portal Server

WP_PROFILE: _____

Example: wp_profile

```
Enter the starting port number [example: 10012]:  
-----> [10012] 10012
```

38. Enter the starting port number for the WebSphere Portal Server

WP_STARTPORT: _____

Example: 10012

```
Enter the profile path [example: /opt/IBM/WebSphere/wp_profile]:  
-----> [/opt/IBM/WebSphere/wp_profile] /opt/IBM/WebSphere/wp_profile
```

39. Enter the WebSphere Portal profile path

WP_PROFILEPATH: _____

Example:

```
WIN      E:\IBM\WebSphere\wp_profile  
LINUX    /opt/IBM/WebSphere/wp_profile  
AIX      /usr/IBM/WebSphere/wp_profile
```

```
      B. Back,      N. Next,      C. Cancel  
-----> [N] N
```

40. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>  
Features>  
  Custom panels> Summary  
  
Target Location:  
  Package Group Name      : IBM WebSphere Portal Server V8.5  
  Installation Directory   : /opt/IBM/WebSphere/PortalServer  
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared  
  
Translations:  
  English  
  
Packages to be installed:  
  1. IBM WebSphere Portal Server 8.5.0.0  
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732  
  
Options:  
  G. Generate an Installation Response File  
  
      B. Back,      I. Install,      C. Cancel  
-----> [I] G
```

41. Optional: Enter **G** for “Generate an Installation Response File”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Translations> Features> Custom panels> Summary> Save
response file

Enter a directory path and a file name to generate the response file.
Use .xml as the file extension. If a file name is specified without a
full directory path, the response file is saved to
/opt/tmp/MWPS9/SETUP/IIM/linux_x86_64. To skip the generation of a
response file, press Enter.
-----> /opt/tmp/WPS9.rsp
```

```
=====> IBM Installation Manager> Save response file

Response file was generated successfully: /opt/tmp/wps9.rsp

    O. OK
-----> [O] O
```

42. If **G** was selected to “Generate an Installation Response File”, enter a directory path and file name for the generated response file. Enter **O** to generate the file.

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory  : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:
  English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Options:
  G. Generate an Installation Response File

    B. Back,          I. Install,          C. Cancel
-----> [I] I
```

43. Enter **I** for “Install”

```

25%          50%          75%          100%
-----|-----|-----|-----|
.....Feb 09, 2017 12:04:20
PM com.ibm.wps.workflow.WorkflowManager enableWorkflowExecution
INFO: I: Workflow execution is enabled.
.....
```

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>
Custom panels> Summary> Completion

The install completed successfully.

INFORMATION: IBM WebSphere Portal Server V8.5 installation is complete.
You can now access your Portal at: http://wps9.ibm.com:10039/wps/portal

Options:
    F. Finish
-----> [F] F

```

44. Enter **F** for “Finish”

```

=====> IBM Installation Manager

Select:
    1. Install - Install software packages
    2. Update - Find and install updates and fixes to installed
software packages
    3. Modify - Change installed software packages
    4. Roll Back - Revert to an earlier version of installed software
packages
    5. Uninstall - Remove installed software packages

Other Options:
    L. View Logs
    S. View Installation History
    V. View Installed Packages
    -----
    P. Preferences
    -----
    A. About IBM Installation Manager
    -----
    X. Exit Installation Manager

-----> X

```

45. Enter **X** for “Exit Installation Manager”

4.3.2 WebSphere Portal Enable

1. Login to the WebSphere Portal Server file system with the user used to install the IBM Installation Manager
2. Run the following command to start the WebSphere Portal installation in console mode

```
cd <IIM>/eclipse/tools/imcl -c
```

Example:

```
WIN    E:\IBM\InstallationManager\eclipse\tools\imcl -c
```

```
LINUX  /opt/IBM/InstallationManager/eclipse/tools/imcl -c
AIX    /usr/IBM/InstallationManager/eclipse/tools/imcl -c
```

```
=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> P
```

3. Enter **P** for “Preferences”

```
=====> IBM Installation Manager> Preferences

Select:
  1. Repositories
  2. Appearance
  3. Files for Rollback
  4. SSL/TLS
  5. HTTP/FTP Proxy
  6. Passport Advantage
  7. Secure Storage
  8. Updates

  R. Return to Main Menu
-----> [1] 1
```

4. Enter **1** for “Repositories”

```
=====> IBM Installation Manager> Preferences> Repositories

Repositories:

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates
```

```
R. Restore Defaults
A. Apply Changes and Return to Preferences Menu
P. Temporarily Keep Changes and Return to Preferences Menu
```

```
-----> D
```

5. Enter **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

6. Enter the repository.config for the WebSphere Portal Server V8.5

```
<MWPS9>/SETUP/products/WP85_Server/repository.config
```

Example:

```
WIN      F:\MWPS9\SETUP\products\WP85_Server\repository.config
Linux    /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
AIX      /usr/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

Checking repositories...

```
=====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

```
1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

Other Options:

```
D. Add Repository
```

```
S. [X] Search service repositories during installation and updates
```

```
R. Restore Defaults
```

```
A. Apply Changes and Return to Preferences Menu
```

```
P. Temporarily Keep Changes and Return to Preferences Menu
```

```
-----> D
```

7. Enter **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

8. Enter the repository.config for the Web Content Manager Standard Edition V8.5

```
<MWPS9>/SETUP/products/WP85_Enable/repository.config
```

Example:

```
WIN      F:\MWPS9\SETUP\products\WP85_Enable\repository.config
```

```
LINUX  /opt/tmp/MWPS9/SETUP/products/WP85_Enable/repository.config
AIX    /usr/tmp/MWPS9/SETUP/products/WP85_Enable/repository.config
```

Checking repositories...

=====> IBM Installation Manager> Preferences> Repositories

Repositories:

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Enable/repository.config

Other Options:

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

-----> **D**

9. Click **D** for “Add Repository”

=====> IBM Installation Manager> Preferences> Repositories> Add repository

Enter a new repository location. To skip, press Enter:

-----> /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config

10. Enter the repository.config for the interim fix IFPI59896

```
<MWPS9>/SETUP/products/IFPI59896/  
8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: WINDOWS

```
F:\MWPS9\SETUP\products\IFPI59896\8.5.0.0-WP-Server-  
IFPI59896.zip\repository.config
```

Example: LINUX

```
/opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-  
IFPI59896.zip/repository.config
```

Example: AIX

```
/usr/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-  
IFPI59896.zip/repository.config
```

Checking repositories...

=====> IBM Installation Manager> Preferences> Repositories

Repositories:

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Enable/repository.config

```

3. [X] /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> P

```

11. Enter **P** for “Temporarily Keep Changes and return to Preferences Menu”

```

=====> IBM Installation Manager> Preferences

Select:
  1. Repositories
  2. Appearance
  3. Files for Rollback
  4. SSL/TLS
  5. HTTP/FTP Proxy
  6. Passport Advantage
  7. Secure Storage
  8. Updates

  S. Save All Changes,      C. Cancel

-----> [1] S

```

12. Enter **S** for “Save All Changes”

```

=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

```



```
-----> 1
```

13. Enter 1 for “Install – Install software packages”

```
Checking repositories...
Loading repositories...
Checking availability of packages...
Validating package prerequisites...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [ ] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM WebSphere Portal Enable 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  C. Cancel
-----> [C] 1
```

14. Enter 1 for “IBM WebSphere Portal Server 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Server 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1
```

15. Enter 1 for “Choose version 8.5.0.0 for installation.”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM WebSphere Portal Enable 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] 2
```

16. Enter 2 for “IBM WebSphere Portal Enable 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select
```

```
IBM WebSphere Portal Enable 8.5.0.0
```

```
Options:
```

1. Choose version 8.5.0.0 for installation.
2. Show all available versions of the package.

```
C. Cancel
```

```
-----> [1] 1
```

17. Enter 1 for “Choose version 8.5.0.0 for installation”

```
Preparing and resolving the selected packages...
```

```
=====> IBM Installation Manager> Install
```

```
Select packages to install:
```

1. ☒ IBM WebSphere Portal Server 8.5.0.0
2. ☒ IBM WebSphere Portal Enable 8.5.0.0

```
O. Check for Other Versions, Fixes, and Extensions
```

```
N. Next,          C. Cancel
```

```
-----> [N] N
```

18. Enter N for “Next”

```
Loading fixes...
```

```
Loading fixes...
```

```
=====> IBM Installation Manager> Install> Fixes
```

```
Select Fixes:
```

- 1-. ☐ Fixes for IBM WebSphere Portal Server 8.5.0.0
2. ☐ 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

```
Other Options:
```

```
S. Show Recommended Only
```

```
O. Check for Other Fixes
```

```
B. Back,          N. Next,          C. Cancel
```

```
-----> [N] 2
```

19. Enter 2 for “8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732”

```
Preparing and resolving the selected packages...
```

```
=====> IBM Installation Manager> Install> Fixes
```

```
Select Fixes:
```

- 1-. ☒ Fixes for IBM WebSphere Portal Server 8.5.0.0
2. ☒ 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

```
Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

20. Enter **N** for “Next”

```
Validating package prerequisites...

=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Enable

Options:
  A. [ ] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          C. Cancel
-----> [C] A
```

21. Enter **A** for “I accept the terms in the license agreements”

```
=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Enable

Options:
  A. [X] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

22. Enter **N** for Next

```
Finding compatible package groups...

=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0
```

```
Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/home/wasadmin/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
    M. Change Location

    B. Back,          N. Next,          C. Cancel
-----> [N] M
```

23. Enter **M** for “Change Location”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
    Location> Enter installation location

Enter a new installation location. To skip, press Enter:
-----> /opt/IBM/WebSphere/PortalServer
```

24. Enter the location for the WebSphere Portal Server home directory

WP_HOME: _____

Example:

WIN	E:\IBM\WebSphere\PortalServer
LINUX	/opt/IBM/WebSphere/PortalServer
AIX	/usr/IBM/WebSphere/PortalServer

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
    1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
    2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/opt/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
    M. Change Location

    B. Back,          N. Next,          C. Cancel
-----> [N] N
```

25. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features

IBM WebSphere Portal Server
    1. [X] Portal Server Profile
```

```
IBM Web Content Manager
```

```
      B. Back,      N. Next,      C. Cancel  
-----> [N] N
```

26. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>  
Features>  
      Custom panels  
  
---- Configuration for IBM WebSphere Portal Server 8.5.0.0  
  
---- WebSphere Application Server root directory selection  
  
Select WebSphere Application Server root directory:  
      1. [ ] /opt/IBM/WebSphere/AppServer  
-----> 1
```

27. Enter **1** to select the WebSphere Application Server root directory. The WebSphere Application Server root directory should match the directory used during the installation of WebSphere Application Server

```
---- Enter the Administrator user ID and password for the Configuration  
Wizard.  
---- This ID is used only to log in to the Configuration Wizard and can  
be different from the Portal administrative ID.  
  
Enter an administrator user ID for the Configuration Wizard:  
-----> cwadmin
```

28. Enter the Administrator user ID for the Configuration Wizard

CWADMIN: _____

Example: **cwadmin**

```
Enter an administrator user password for the Configuration Wizard:  
----->
```

29. Enter the Administrator user password for the Configuration Wizard

```
Confirm administrator user password for the Configuration Wizard:  
----->
```

30. Enter the Administrator user password again for the Configuration Wizard

```
---- Enter the details for configuring the portal profile
```

```
---- Topology

Enter the host name [example: wps9.ibm.com]:
-----> [wps9.ibm.com] wps9.ibm.com
```

31. Enter the host name of the WebSphere Portal Server

WP_HOSTNAME: _____

Example: wps9.ibm.com

```
Enter the node name [example: wps9Node]:
-----> [wps9Node] wps9Node
```

32. Enter the node name for the WebSphere Portal Server

WP_NODENAME: _____

Example: wps9Node

```
Enter the cell name [example: wps9Cell]:
-----> [wps9Cell] wps9Cell
```

33. Enter the cell name for the WebSphere Portal Server. If the WebSphere Portal Server will be connected to a deployment manager, the cell name can not match the cell name of the deployment manager.

WP_CELLNAME: _____

Example: wps9Cell

```
---- Admin Credentials for Portal Server

---- Enter the user ID and the password of the WebSphere Application
Server and Portal Server administrator.

Enter an administrator user ID for the portal server [example:
cwadmin]:
-----> [cwadmin] wpadmin
```

34. Enter the Administrator user ID for the WebSphere Portal Server. This user does not have to match the Configuration Wizard Administrator. If the WebSphere Portal Server will be configured to a Federated User Repository, the user can not match on that exist in the Federated User Repository.

WPADMIN: _____

Example: wpadmin

```
Enter an administrator user password for the portal server:
----->
```

35. Enter the administrator user password for the WebSphere Portal Server

```
Confirm administrator user password for the portal server:
----->
```

36. Enter the administrator user password again for the WebSphere Portal Server
Administrator user ID

```
You can configure advanced parameters or accept defaults.
These include customized URI settings, profile name, and port numbers.
Do you want to specify advanced parameters? [Y,N]
-----> [N] Y
```

37. Either **Y** or **N** is acceptable.

- **N**: Enter N will skip the advanced parameters and use the defaults
- **Y**: Enter Y will give the ability to do further configurations. In the example, **Y** was chosen for the reason of knowing what are configurable during installation

```
---- URI
Enter the context root [example: wps]:
-----> [wps] wps
```

38. Enter the context root for the WebSphere Portal Server URL

WP_CONTEXTROOT: _____

Example: **wps**

```
Enter the default home [example: portal]:
-----> [portal] portal
```

39. Enter the default home for the WebSphere Portal Server URL

WP_DEFAULTHOME: _____

Example: **portal**

```
Enter the personalized home [example: myportal]:
-----> [myportal] myportal
```

40. Enter the personalized home for the WebSphere Portal Server URL

WP_PERSONALIZEDHOME: _____

Example: myportal

```
Enter the profile name [example: wp_profile]:  
-----> [wp_profile] wp_profile
```

41. Enter the profile name for the WebSphere Portal Server

WP_PROFILE: _____

Example: wp_profile

```
Enter the starting port number [example: 10012]:  
-----> [10012] 10012
```

42. Enter the starting port number for the WebSphere Portal Server

WP_STARTPORT: _____

Example: 10012

```
Enter the profile path [example: /opt/IBM/WebSphere/wp_profile]:  
-----> [/opt/IBM/WebSphere/wp_profile] /opt/IBM/WebSphere/wp_profile
```

43. Enter the WebSphere Portal profile path

WP_PROFILEPATH: _____

Example:

```
WIN      E:\IBM\WebSphere\wp_profile  
LINUX    /opt/IBM/WebSphere/wp_profile  
AIX      /usr/IBM/WebSphere/wp_profile
```

```
      B. Back,      N. Next,      C. Cancel  
-----> [N] N
```

44. Enter N for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>  
Features>  
      Custom panels> Summary  
  
Target Location:  
  Package Group Name      : IBM WebSphere Portal Server V8.5  
  Installation Directory   : /opt/IBM/WebSphere/PortalServer  
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared  
  
Translations:  
  English  
  
Packages to be installed:  
  1. IBM WebSphere Portal Server 8.5.0.0
```



```

      2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
      3. IBM WebSphere Portal Enable 8.5.0.0

Options:
      G. Generate an Installation Response File

      B. Back,          I. Install,          C. Cancel
-----> [I] G

```

45. Optional: Enter **G** for “Generate an Installation Response File”

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
      Location> Translations> Features> Custom panels> Summary> Save
response file

Enter a directory path and a file name to generate the response file.
Use .xml as the file extension. If a file name is specified without a
full directory path, the response file is saved to
/opt/tmp/MWPS9/SETUP/IIM/linux_x86_64. To skip the generation of a
response file, press Enter.
-----> /opt/tmp/WPS9.rsp

```

```

=====> IBM Installation Manager> Save response file

Response file was generated successfully: /opt/tmp/wps9.rsp

      O. OK
-----> [O] O

```

46. If **G** was selected to “Generate an Installation Response File”, enter a directory path and file name for the generated response file. Enter **O** to generate the file.

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
      Custom panels> Summary

Target Location:
      Package Group Name          : IBM WebSphere Portal Server V8.5
      Installation Directory       : /opt/IBM/WebSphere/PortalServer
      Shared Resources Directory  : /opt/IBM/WebSphere/IMShared

Translations:
      English

Packages to be installed:
      1. IBM WebSphere Portal Server 8.5.0.0
      2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
      3. IBM WebSphere Portal Enable 8.5.0.0

Options:
      G. Generate an Installation Response File

      B. Back,          I. Install,          C. Cancel
-----> [I] I

```

47. Enter **I** for “Install”

```

                25%                50%                75%                100%
-----|-----|-----|-----|
.....Feb 09, 2017 12:04:20
PM com.ibm.wps.workflow.WorkflowManager enableWorkflowExecution
INFO: I: Workflow execution is enabled.
.....

=====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>
      Custom panels> Summary> Completion

The install completed successfully.

INFORMATION: IBM WebSphere Portal Server V8.5 installation is complete.
You can now access your Portal at: http://wps9.ibm.com:10039/wps/portal

Options:
      F. Finish
-----> [F] F
```

48. Enter **F** for “Finish”

```

=====> IBM Installation Manager

Select:
      1. Install - Install software packages
      2. Update - Find and install updates and fixes to installed
software packages
      3. Modify - Change installed software packages
      4. Roll Back - Revert to an earlier version of installed software
packages
      5. Uninstall - Remove installed software packages

Other Options:
      L. View Logs
      S. View Installation History
      V. View Installed Packages
      -----
      P. Preferences
      -----
      A. About IBM Installation Manager
      -----
      X. Exit Installation Manager

-----> X
```

49. Enter **X** for “Exit Installation Manager”

4.3.3 WebSphere Portal Extend

1. Login to the WebSphere Portal Server file system with the user used to install the IBM Installation Manager
2. Run the following command to start the WebSphere Portal installation in console mode

```
cd <IIM>/eclipse/tools/imcl -c
```

Example:

```
WIN      E:\IBM\InstallationManager\eclipse\tools\imcl -c
LINUX    /opt/IBM/InstallationManager/eclipse/tools/imcl -c
AIX      /usr/IBM/InstallationManager/eclipse/tools/imcl -c
```

```
=====> IBM Installation Manager
```

Select:

1. Install - Install software packages
2. Update - Find and install updates and fixes to installed software packages
3. Modify - Change installed software packages
4. Roll Back - Revert to an earlier version of installed software packages
5. Uninstall - Remove installed software packages

Other Options:

- L. View Logs
- S. View Installation History
- V. View Installed Packages
-
- P. Preferences
-
- A. About IBM Installation Manager
-
- X. Exit Installation Manager

```
-----> P
```

3. Enter **P** for “Preferences”

```
=====> IBM Installation Manager> Preferences
```

Select:

1. Repositories
2. Appearance
3. Files for Rollback
4. SSL/TLS
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

R. Return to Main Menu

```
-----> [1] 1
```

4. Enter **1** for “Repositories”

```
=====> IBM Installation Manager> Preferences> Repositories

Repositories:

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D
```

5. Enter **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository

Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

6. Enter the repository.config for the WebSphere Portal Server V8.5

```
<MWPS9>/SETUP/products/WP85_Server/repository.config
```

Example:

WIN	F: \MWPS9\SETUP\products\WP85_Server\repository.config
LINUX	/opt/tmp/MWPS9 /SETUP/products/WP85_Server/repository.config
AIX	/usr/tmp/MWPS9 /SETUP/products/WP85_Server/repository.config

Checking repositories...

```
=====> IBM Installation Manager> Preferences> Repositories

Repositories:
  1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D
```

7. Enter **D** for “Add Repository”

```
====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

8. Enter the repository.config for the Web Content Manager Standard Edition V8.5

```
<MWPS9>/SETUP/products/WP85_Extend/repository.config
```

Example:

```
WIN      F:\MWPS9\SETUP\products\WP85_Extend\repository.config
LINUX    /opt/tmp/MWPS9/SETUP/products/WP85_Extend/repository.config
AIX      /usr/tmp/MWPS9/SETUP/products/WP85_Extend/repository.config
```

Checking repositories...

```
====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Extend/repository.config

Other Options:

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

```
-----> D
```

9. Click **D** for “Add Repository”

```
====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

10. Enter the repository.config for the interim fix IFPI59896

```
<MWPS9>/SETUP/products/IFPI59896/
8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: WINDOWS

```
F:\MWPS9\SETUP\products\IFPI59896\8.5.0.0-WP-Server-
IFPI59896.zip\repository.config
```

Example: LINUX

```
/opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

Example: AIX

```
/usr/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-  
IFPI59896.zip/repository.config
```

Checking repositories...

```
=====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Extend/repository.config
3. [X] /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config

Other Options:

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

```
-----> P
```

11. Enter **P** for “Temporarily Keep Changes and return to Preferences Menu”

```
=====> IBM Installation Manager> Preferences
```

Select:

1. Repositories
2. Appearance
3. Files for Rollback
4. SSL/TLS
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

- S. Save All Changes, C. Cancel

```
-----> [1] S
```

12. Enter **S** for “Save All Changes”

```
=====> IBM Installation Manager
```

Select:

1. Install - Install software packages
2. Update - Find and install updates and fixes to installed
software packages
3. Modify - Change installed software packages
4. Roll Back - Revert to an earlier version of installed software
packages
5. Uninstall - Remove installed software packages

```
Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> 1
```

13. Enter 1 for “Install – Install software packages”

```
Checking repositories...
Loading repositories...
Checking availability of packages...
Validating package prerequisites...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [ ] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM WebSphere Portal Extend 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  C. Cancel
-----> [C] 1
```

14. Enter 1 for “IBM WebSphere Portal Server 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Server 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1
```

15. Enter 1 for “Choose version 8.5.0.0 for installation.”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
```

```
2. [ ] IBM WebSphere Portal Extend 8.5.0.0

0. Check for Other Versions, Fixes, and Extensions

N. Next,          C. Cancel
-----> [N] 2
```

16. Enter 2 for “IBM WebSphere Portal Extend 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Extend 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

C. Cancel
-----> [1] 1
```

17. Enter 1 for “Choose version 8.5.0.0 for installation”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [X] IBM WebSphere Portal Extend 8.5.0.0

0. Check for Other Versions, Fixes, and Extensions

N. Next,          C. Cancel
-----> [N] N
```

18. Enter N for “Next”

```
Loading fixes...
Loading fixes...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [ ] Fixes for IBM WebSphere Portal Server 8.5.0.0
     2. [ ] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

B. Back,          N. Next,          C. Cancel
-----> [N] 2
```


19. Enter **2** for “8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [X] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [X] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

20. Enter **N** for “Next”

```
Validating package prerequisites...

=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Extend

Options:
  A. [ ] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          C. Cancel
-----> [C] A
```

21. Enter **A** for “I accept the terms in the license agreements”

```
=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Extend

Options:
  A. [X] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

22. Enter **N** for Next

```

Finding compatible package groups...

=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/home/wasadmin/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
  M. Change Location

  B. Back,      N. Next,      C. Cancel
-----> [N] M

```

23. Enter **M** for “Change Location”

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Enter installation location

Enter a new installation location. To skip, press Enter:
-----> /opt/IBM/WebSphere/PortalServer

```

24. Enter the location for the WebSphere Portal Server home directory

WP_HOME: _____

Example:

WIN	E:\IBM\WebSphere\PortalServer
LINUX	/opt/IBM/WebSphere/PortalServer
AIX	/usr/IBM/WebSphere/PortalServer

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/opt/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
  M. Change Location

```

```
      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

25. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features
```

```
IBM WebSphere Portal Server
  1. [X] Portal Server Profile
```

```
IBM Web Content Manager
```

```
      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

26. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
```

```
  Custom panels
```

```
---- Configuration for IBM WebSphere Portal Server 8.5.0.0
```

```
---- WebSphere Application Server root directory selection
```

```
Select WebSphere Application Server root directory:
```

```
  1. [ ] /opt/IBM/WebSphere/AppServer
```

```
-----> 1
```

27. Enter **1** to select the WebSphere Application Server root directory. The WebSphere Application Server root directory should match the directory used during the installation of WebSphere Application Server

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

```
---- This ID is used only to log in to the Configuration Wizard and can
be different from the Portal administrative ID.
```

```
Enter an administrator user ID for the Configuration Wizard:
```

```
-----> cwadmin
```

28. Enter the Administrator user ID for the Configuration Wizard

CWADMIN: _____

Example: **cwadmin**

```
Enter an administrator user password for the Configuration Wizard:
```

```
----->
```

29. Enter the Administrator user password for the Configuration Wizard

```
Confirm administrator user password for the Configuration Wizard:  
----->
```

30. Enter the Administrator user password again for the Configuration Wizard

```
---- Enter the details for configuring the portal profile
```

```
---- Topology
```

```
Enter the host name [example: wps9.ibm.com]:
```

```
-----> [wps9.ibm.com] wps9.ibm.com
```

31. Enter the host name of the WebSphere Portal Server

WP_HOSTNAME: _____

Example: wps9.ibm.com

```
Enter the node name [example: wps9Node]:
```

```
-----> [wps9Node] wps9Node
```

32. Enter the node name for the WebSphere Portal Server

WP_NODENAME: _____

Example: wps9Node

```
Enter the cell name [example: wps9Cell]:
```

```
-----> [wps9Cell] wps9Cell
```

33. Enter the cell name for the WebSphere Portal Server. If the WebSphere Portal Server will be connected to a deployment manager, the cell name can not match the cell name of the deployment manager.

WP_CELLNAME: _____

Example: wps9Cell

```
---- Admin Credentials for Portal Server
```

```
---- Enter the user ID and the password of the WebSphere Application  
Server and Portal Server administrator.
```

```
Enter an administrator user ID for the portal server [example:  
cwadmin]:
```

```
-----> [cwadmin] wpadmin
```

34. Enter the Administrator user ID for the WebSphere Portal Server. This user does not have to match the Configuration Wizard Administrator. If the WebSphere Portal Server will be configured to a Federated User Repository, the user can not match on that exist in the Federated User Repository.

WPADMIN: _____

Example: `wpadmin`

```
Enter an administrator user password for the portal server:
----->
```

35. Enter the administrator user password for the WebSphere Portal Server

```
Confirm administrator user password for the portal server:
----->
```

36. Enter the administrator user password again for the WebSphere Portal Server
Administrator user ID

```
You can configure advanced parameters or accept defaults.
These include customized URI settings, profile name, and port numbers.
Do you want to specify advanced parameters? [Y,N]
-----> [N] Y
```

37. Either **Y** or **N** is acceptable.
- **N**: Enter N will skip the advanced parameters and use the defaults
 - **Y**: Enter Y will give the ability to do further configurations. In the example, **Y** was chosen for the reason of knowing what are configurable during installation

```
---- URI
Enter the context root [example: wps]:
-----> [wps] wps
```

38. Enter the context root for the WebSphere Portal Server URL

WP_CONTEXTROOT: _____

Example: `wps`

```
Enter the default home [example: portal]:
-----> [portal] portal
```

39. Enter the default home for the WebSphere Portal Server URL

WP_DEFAULTHOME: _____

Example: portal

```
Enter the personalized home [example: myportal]:  
-----> [myportal] myportal
```

40. Enter the personalized home for the WebSphere Portal Server URL

WP_PERSONALIZEDHOME: _____

Example: myportal

```
Enter the profile name [example: wp_profile]:  
-----> [wp_profile] wp_profile
```

41. Enter the profile name for the WebSphere Portal Server

WP_PROFILE: _____

Example: wp_profile

```
Enter the starting port number [example: 10012]:  
-----> [10012] 10012
```

42. Enter the starting port number for the WebSphere Portal Server

WP_STARTPORT: _____

Example: 10012

```
Enter the profile path [example: /opt/IBM/WebSphere/wp_profile]:  
-----> [/opt/IBM/WebSphere/wp_profile] /opt/IBM/WebSphere/wp_profile
```

43. Enter the WebSphere Portal profile path

WP_PROFILEPATH: _____

Example:

```
WIN      E:\IBM\WebSphere\wp_profile  
LINUX    /opt/IBM/WebSphere/wp_profile  
AIX      /usr/IBM/WebSphere/wp_profile
```

```
      B. Back,      N. Next,      C. Cancel  
-----> [N] N
```

44. Enter N for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>  
Features>
```

```

Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory   : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:
  English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
  3. IBM WebSphere Portal Extend 8.5.0.0

Options:
  G. Generate an Installation Response File

  B. Back,          I. Install,        C. Cancel
-----> [I] G

```

45. Optional: Enter **G** for “Generate an Installation Response File”

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Translations> Features> Custom panels> Summary> Save
response file

Enter a directory path and a file name to generate the response file.
Use .xml as the file extension. If a file name is specified without a
full directory path, the response file is saved to
/opt/tmp/MWPS9/SETUP/IIM/linux_x86_64. To skip the generation of a
response file, press Enter.
-----> /opt/tmp/WPS9.rsp

```

```

=====> IBM Installation Manager> Save response file

Response file was generated successfully: /opt/tmp/wps9.rsp

  O. OK
-----> [O] O

```

46. If **G** was selected to “Generate an Installation Response File”, enter a directory path and file name for the generated response file. Enter **O** to generate the file.

```

=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory   : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:

```

```

English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
  3. IBM WebSphere Portal Extend 8.5.0.0

Options:
  G. Generate an Installation Response File

  B. Back,          I. Install,          C. Cancel
-----> [I] I

```

47. Enter **I** for “Install”

```

                25%                50%                75%                100%
-----|-----|-----|-----|
.....Feb 09, 2017 12:04:20
PM com.ibm.wps.workflow.WorkflowManager enableWorkflowExecution
INFO: I: Workflow execution is enabled.
.....

=====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>
      Custom panels> Summary> Completion

The install completed successfully.

INFORMATION: IBM WebSphere Portal Server V8.5 installation is complete.
You can now access your Portal at: http://wps9.ibm.com:10039/wps/portal

Options:
  F. Finish
-----> [F] F

```

48. Enter **F** for “Finish”

```

=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

```



```
-----> X
```

49. Enter **X** for “Exit Installation Manager”

4.3.4 Web Content Manager

1. Login to the WebSphere Portal Server file system with the user used to install the IBM Installation Manager
2. Run the following command to start the WebSphere Portal installation in console mode

```
cd <IIM>/eclipse/tools/imcl -c
```

Example:

```
WIN      E:\IBM\InstallationManager\eclipse\tools\imcl -c
LINUX    /opt/IBM/InstallationManager/eclipse/tools/imcl -c
AIX      /usr/IBM/InstallationManager/eclipse/tools/imcl -c
```

```
=====> IBM Installation Manager
```

Select:

1. Install - Install software packages
2. Update - Find and install updates and fixes to installed software packages
3. Modify - Change installed software packages
4. Roll Back - Revert to an earlier version of installed software packages
5. Uninstall - Remove installed software packages

Other Options:

- L. View Logs
- S. View Installation History
- V. View Installed Packages
-
- P. Preferences
-
- A. About IBM Installation Manager
-
- X. Exit Installation Manager

```
-----> P
```

3. Enter **P** for “Preferences”

```
=====> IBM Installation Manager> Preferences
```

Select:

1. Repositories
2. Appearance
3. Files for Rollback

```

4. SSL/TLS
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

R. Return to Main Menu
-----> [1] 1

```

4. Enter 1 for “Repositories”

```

=====> IBM Installation Manager> Preferences> Repositories

Repositories:

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D

```

5. Enter D for “Add Repository”

```

=====> IBM Installation Manager> Preferences> Repositories> Add
repository

Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

```

6. Enter the repository.config for the WebSphere Portal Server V8.5

```

<MWPS9>/SETUP/products/WP85_Server/repository.config

```

Example:

```

WIN      F:\MWPS9\SETUP\products\WP85_Server\repository.config
LINUX    /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
AIX      /usr/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

```

Checking repositories...

```

=====> IBM Installation Manager> Preferences> Repositories

Repositories:
  1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

```

- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

-----> **D**

7. Enter **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

8. Enter the repository.config for the Web Content Manager Standard Edition V8.5

```
<MWPS9>/SETUP/products/WP85_WCM/repository.config
```

Example:

WIN	F:\MWPS9\SETUP\products\WP85_WCM\repository.config
LINUX	/opt/tmp/MWPS9/SETUP/products/WP85_WCM/repository.config
AIX	/usr/tmp/MWPS9/SETUP/products/WP85_WCM/repository.config

Checking repositories...

```
=====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

- 1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
- 2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_WCM/repository.config

Other Options:

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

-----> **D**

9. Click **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

10. Enter the repository.config for the interim fix IFPI59896

```
<MWPS9>/SETUP/products/IFPI59896/
8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: WINDOWS

```
F:\MWPS9\SETUP\products\IFPI59896\8.5.0.0-WP-Server-IFPI59896.zip\repository.config
```

Example: LINUX

```
/opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: AIX

```
/usr/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

```
Checking repositories...
```

```
=====> IBM Installation Manager> Preferences> Repositories
```

```
Repositories:
```

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_WCM/repository.config
3. [X] /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config

```
Other Options:
```

```
D. Add Repository
```

```
S. [X] Search service repositories during installation and updates
```

```
R. Restore Defaults
```

```
A. Apply Changes and Return to Preferences Menu
```

```
P. Temporarily Keep Changes and Return to Preferences Menu
```

```
-----> P
```

11. Enter **P** for “Temporarily Keep Changes and return to Preferences Menu”

```
=====> IBM Installation Manager> Preferences
```

```
Select:
```

1. Repositories
2. Appearance
3. Files for Rollback
4. SSL/TLS
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

```
S. Save All Changes, C. Cancel
```

```
-----> [1] S
```

12. Enter **S** for “Save All Changes”

```
=====> IBM Installation Manager
```

```

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> 1

```

13. Enter **1** for “Install – Install software packages”

```

Checking repositories...
Loading repositories...
Checking availability of packages...
Validating package prerequisites...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [ ] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM Web Content Manager 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  C. Cancel
-----> [C] 1

```

14. Enter **1** for “IBM WebSphere Portal Server 8.5.0.0”

```

=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Server 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1

```

15. Enter **1** for “Choose version 8.5.0.0 for installation.”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM Web Content Manager 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] 2
```

16. Enter **2** for “IBM Web Content Manager 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM Web Content Manager  8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1
```

17. Enter **1** for “Choose version 8.5.0.0 for installation”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [X] IBM Web Content Manager  8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] N
```

18. Enter **N** for “Next”

```
Loading fixes...
Loading fixes...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
```

```
1-. [ ] Fixes for IBM WebSphere Portal Server 8.5.0.0
2. [ ] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

  B. Back,      N. Next,      C. Cancel
-----> [N] 2
```

19. Enter **2** for “8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [X] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [X] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

  B. Back,      N. Next,      C. Cancel
-----> [N] N
```

20. Enter **N** for “Next”

```
Validating package prerequisites...

=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Web Content Management

Options:
  A. [ ] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

  B. Back,      C. Cancel
-----> [C] A
```

21. Enter **A** for “I accept the terms in the license agreements”

```
=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Web Content Management
```

```
Options:
  A. [X] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

22. Enter **N** for Next

```
Finding compatible package groups...

=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/home/wasadmin/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
  M. Change Location

      B. Back,          N. Next,          C. Cancel
-----> [N] M
```

23. Enter **M** for “Change Location”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Enter installation location

Enter a new installation location. To skip, press Enter:
-----> /opt/IBM/WebSphere/PortalServer
```

24. Enter the location for the WebSphere Portal Server home directory

WP_HOME: _____

Example:

WIN	E:\IBM\WebSphere\PortalServer
LINUX	/opt/IBM/WebSphere/PortalServer
AIX	/usr/IBM/WebSphere/PortalServer

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5
```



```
Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/opt/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
  M. Change Location

  B. Back,          N. Next,          C. Cancel
-----> [N] N
```

25. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features

IBM WebSphere Portal Server
  1. [X] Portal Server Profile

IBM Web Content Manager

  B. Back,          N. Next,          C. Cancel
-----> [N] N
```

26. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels

---- Configuration for IBM WebSphere Portal Server 8.5.0.0

---- WebSphere Application Server root directory selection

Select WebSphere Application Server root directory:
  1. [ ] /opt/IBM/WebSphere/AppServer
-----> 1
```

27. Enter **1** to select the WebSphere Application Server root directory. The WebSphere Application Server root directory should match the directory used during the installation of WebSphere Application Server

```
---- Enter the Administrator user ID and password for the Configuration
Wizard.
---- This ID is used only to log in to the Configuration Wizard and can
be different from the Portal administrative ID.

Enter an administrator user ID for the Configuration Wizard:
-----> cwadmin
```

28. Enter the Administrator user ID for the Configuration Wizard

CWADMIN: _____

Example: `cwadmin`

```
Enter an administrator user password for the Configuration Wizard:
----->
```

29. Enter the Administrator user password for the Configuration Wizard

```
Confirm administrator user password for the Configuration Wizard:
----->
```

30. Enter the Administrator user password again for the Configuration Wizard

```
---- Enter the details for configuring the portal profile

---- Topology

Enter the host name [example: wps9.ibm.com]:
-----> [wps9.ibm.com] wps9.ibm.com
```

31. Enter the host name of the WebSphere Portal Server

WP_HOSTNAME: _____

Example: `wps9.ibm.com`

```
Enter the node name [example: wps9Node]:
-----> [wps9Node] wps9Node
```

32. Enter the node name for the WebSphere Portal Server

WP_NODENAME: _____

Example: `wps9Node`

```
Enter the cell name [example: wps9Cell]:
-----> [wps9Cell] wps9Cell
```

33. Enter the cell name for the WebSphere Portal Server. If the WebSphere Portal Server will be connected to a deployment manager, the cell name can not match the cell name of the deployment manager.

WP_CELLNAME: _____

Example: `wps9Cell`

```
---- Admin Credentials for Portal Server

---- Enter the user ID and the password of the WebSphere Application
Server and Portal Server administrator.

Enter an administrator user ID for the portal server [example:
cadmin]:
-----> [cadmin] wpadmin
```

34. Enter the Administrator user ID for the WebSphere Portal Server. This user does not have to match the Configuration Wizard Administrator. If the WebSphere Portal Server will be configured to a Federated User Repository, the user can not match on that exist in the Federated User Repository.

WPADMIN: _____

Example: `wpadmin`

```
Enter an administrator user password for the portal server:
----->
```

35. Enter the administrator user password for the WebSphere Portal Server

```
Confirm administrator user password for the portal server:
----->
```

36. Enter the administrator user password again for the WebSphere Portal Server Administrator user ID

```
You can configure advanced parameters or accept defaults.
These include customized URI settings, profile name, and port numbers.
Do you want to specify advanced parameters? [Y,N]
-----> [N] Y
```

37. Either **Y** or **N** is acceptable.
- **N**: Enter N will skip the advanced parameters and use the defaults
 - **Y**: Enter Y will give the ability to do further configurations. In the example, **Y** was chosen for the reason of knowing what are configurable during installation

```
---- URI

Enter the context root [example: wps]:
-----> [wps] wps
```

38. Enter the context root for the WebSphere Portal Server URL

WP_CONTEXTROOT: _____

Example: `wps`

```
Enter the default home [example: portal]:  
-----> [portal] portal
```

39. Enter the default home for the WebSphere Portal Server URL

WP_DEFAULTHOME: _____

Example: `portal`

```
Enter the personalized home [example: myportal]:  
-----> [myportal] myportal
```

40. Enter the personalized home for the WebSphere Portal Server URL

WP_PERSONALIZEDHOME: _____

Example: `myportal`

```
Enter the profile name [example: wp_profile]:  
-----> [wp_profile] wp_profile
```

41. Enter the profile name for the WebSphere Portal Server

WP_PROFILE: _____

Example: `wp_profile`

```
Enter the starting port number [example: 10012]:  
-----> [10012] 10012
```

42. Enter the starting port number for the WebSphere Portal Server

WP_STARTPORT: _____

Example: `10012`

```
Enter the profile path [example: /opt/IBM/WebSphere/wp_profile]:  
-----> [/opt/IBM/WebSphere/wp_profile] /opt/IBM/WebSphere/wp_profile
```

43. Enter the WebSphere Portal profile path

WP_PROFILEPATH: _____

Example:

WIN	E:\IBM\WebSphere\wp_profile
LINUX	/opt/IBM/WebSphere/wp_profile
AIX	/usr/IBM/WebSphere/wp_profile

```
      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

44. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory  : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:
  English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
  3. IBM Web Content Manager 8.5.0.0

Options:
  G. Generate an Installation Response File

      B. Back,      I. Install,      C. Cancel
-----> [I] G
```

45. Optional: Enter **G** for “Generate an Installation Response File”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Translations> Features> Custom panels> Summary> Save
  response file

Enter a directory path and a file name to generate the response file.
Use .xml as the file extension. If a file name is specified without a
full directory path, the response file is saved to
/opt/tmp/MWPS9/SETUP/IIM/linux_x86_64. To skip the generation of a
response file, press Enter.
-----> /opt/tmp/WPS9.rsp
```

```
=====> IBM Installation Manager> Save response file

Response file was generated successfully: /opt/tmp/wps9.rsp

      O. OK
-----> [O] O
```

46. If **G** was selected to “Generate an Installation Response File”, enter a directory path and file name for the generated response file. Enter **O** to generate the file.

```

====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory  : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:
  English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
  3. IBM Web Content Manager 8.5.0.0

Options:
  G. Generate an Installation Response File

  B. Back,      I. Install,      C. Cancel
-----> [I] I

```

47. Enter **I** for “Install”

```

                25%                50%                75%                100%
-----|-----|-----|-----|
.....Feb 09, 2017 12:04:20
PM com.ibm.wps.workflow.WorkflowManager enableWorkflowExecution
INFO: I: Workflow execution is enabled.
.....

====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>
  Custom panels> Summary> Completion

The install completed successfully.

INFORMATION: IBM WebSphere Portal Server V8.5 installation is complete.
You can now access your Portal at: http://wps9.ibm.com:10039/wps/portal

Options:
  F. Finish
-----> [F] F

```

48. Enter **F** for “Finish”

```

====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

```

```

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> X

```

49. Enter **X** for “Exit Installation Manager”

4.3.5 Web Content Manager Standard Edition

1. Login to the WebSphere Portal Server file system with the user used to install the IBM Installation Manager
2. Run the following command to start the WebSphere Portal installation in console mode

```
cd <IIM>/eclipse/tools/imcl -c
```

Example:

```

WIN      E:\IBM\InstallationManager\eclipse\tools\imcl -c
LINUX    /opt/IBM/InstallationManager/eclipse/tools/imcl -c
AIX      /usr/IBM/InstallationManager/eclipse/tools/imcl -c

```

```

=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

```

```
-----> P
```

3. Enter **P** for “Preferences”

```
=====> IBM Installation Manager> Preferences
```

Select:

- 1. Repositories
- 2. Appearance
- 3. Files for Rollback
- 4. SSL/TLS
- 5. HTTP/FTP Proxy
- 6. Passport Advantage
- 7. Secure Storage
- 8. Updates

R. Return to Main Menu

```
-----> [1] 1
```

4. Enter **1** for “Repositories”

```
=====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

Other Options:

- D. Add Repository
- S. ☒ Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

```
-----> D
```

5. Enter **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add  
repository
```

Enter a new repository location. To skip, press Enter:

```
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
```

6. Enter the repository.config for the WebSphere Portal Server V8.5

```
<MWPS9>/SETUP/products/WP85_Server/repository.config
```

Example:

WIN	F:\MWPS9\SETUP\products\WP85_Server\repository.config
LINUX	/opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
AIX	/usr/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

```
Checking repositories...
```



```

=====> IBM Installation Manager> Preferences> Repositories

Repositories:
  1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D

```

7. Enter **D** for “Add Repository”

```

=====> IBM Installation Manager> Preferences> Repositories> Add
repository

Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config

```

8. Enter the repository.config for the Web Content Manager Standard Edition V8.5

```

<MWPS9>/SETUP/products/WP85_WSE/repository.config

```

Example:

```

WIN      F: \MWPS9\SETUP\products\WP85_WSE\repository.config
Linux    /opt/tmp/MWPS9/SETUP/products/WP85_WSE/repository.config
AIX      /usr/tmp/MWPS9/SETUP/products/WP85_WSE/repository.config

```

Checking repositories...

```

=====> IBM Installation Manager> Preferences> Repositories

Repositories:
  1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
  2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_WSE/repository.config

Other Options:
  D. Add Repository

  S. [X] Search service repositories during installation and updates

  R. Restore Defaults
  A. Apply Changes and Return to Preferences Menu
  P. Temporarily Keep Changes and Return to Preferences Menu

-----> D

```

9. Click **D** for “Add Repository”

```
=====> IBM Installation Manager> Preferences> Repositories> Add
repository

Enter a new repository location. To skip, press Enter:
-----> /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

10. Enter the repository.config for the interim fix IFPI59896

```
<MWPS9>/SETUP/products/IFPI59896/
8.5.0.0-WP-Server-IFPI59896.zip/repository.config
```

Example: WINDOWS

```
F:\MWPS9\SETUP\products\IFPI59896\8.5.0.0-WP-Server-
IFPI59896.zip\repository.config
```

Example: LINUX

```
/opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

Example: AIX

```
/usr/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-
IFPI59896.zip/repository.config
```

Checking repositories...

```
=====> IBM Installation Manager> Preferences> Repositories
```

Repositories:

1. [X] /opt/tmp/MWPS9/SETUP/products/WP85_Server/repository.config
2. [X] /opt/tmp/MWPS9/SETUP/products/WP85_WSE/repository.config
3. [X] /opt/tmp/MWPS9/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFPI59896.zip/repository.config

Other Options:

- D. Add Repository
- S. [X] Search service repositories during installation and updates
- R. Restore Defaults
- A. Apply Changes and Return to Preferences Menu
- P. Temporarily Keep Changes and Return to Preferences Menu

```
-----> P
```

11. Enter **P** for “Temporarily Keep Changes and return to Preferences Menu”

```
=====> IBM Installation Manager> Preferences
```

Select:

1. Repositories
2. Appearance
3. Files for Rollback
4. SSL/TLS

```
5. HTTP/FTP Proxy
6. Passport Advantage
7. Secure Storage
8. Updates

S. Save All Changes,      C. Cancel
-----> [1] S
```

12. Enter **S** for “Save All Changes”

```
=====> IBM Installation Manager

Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> 1
```

13. Enter **1** for “Install – Install software packages”

```
Checking repositories...
Loading repositories...
Checking availability of packages...
Validating package prerequisites...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [ ] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM Web Content Manager Standard Edition 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  C. Cancel
-----> [C] 1
```

14. Enter **1** for “IBM WebSphere Portal Server 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM WebSphere Portal Server 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1
```

15. Enter **1** for “Choose version 8.5.0.0 for installation.”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [ ] IBM Web Content Manager Standard Edition 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] 2
```

16. Enter **2** for “IBM Web Content Manager Standard Edition 8.5.0.0”

```
=====> IBM Installation Manager> Install> Select

IBM Web Content Manager Standard Edition 8.5.0.0

Options:
  1. Choose version 8.5.0.0 for installation.
  2. Show all available versions of the package.

  C. Cancel
-----> [1] 1
```

17. Enter **1** for “Choose version 8.5.0.0 for installation”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install

Select packages to install:
  1. [X] IBM WebSphere Portal Server 8.5.0.0
  2. [X] IBM Web Content Manager Standard Edition 8.5.0.0

  O. Check for Other Versions, Fixes, and Extensions

  N. Next,          C. Cancel
-----> [N] N
```

18. Enter **N** for “Next”

```
Loading fixes...
Loading fixes...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [ ] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [ ] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

      B. Back,          N. Next,          C. Cancel
-----> [N] 2
```

19. Enter **2** for “8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732”

```
Preparing and resolving the selected packages...

=====> IBM Installation Manager> Install> Fixes

Select Fixes:
  1-. [X] Fixes for IBM WebSphere Portal Server 8.5.0.0
  2. [X] 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732

Other Options:
  S. Show Recommended Only
  O. Check for Other Fixes

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

20. Enter **N** for “Next”

```
Validating package prerequisites...

=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Web Content Management Standard Edition

Options:
  A. [ ] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          C. Cancel
```

```
-----> [C] A
```

21. Enter **A** for “I accept the terms in the license agreements”

```
=====> IBM Installation Manager> Install> Fixes> Licenses

Read the following license agreements carefully.
View a license agreement by entering the number:
  1. IBM WebSphere Portal Server
  2. IBM WebSphere Portal Web Content Management Standard Edition

Options:
  A. [X] I accept the terms in the license agreements
  D. [ ] I do not accept the terms in the license agreements

      B. Back,          N. Next,          C. Cancel
-----> [N] N
```

22. Enter **N** for Next

```
Finding compatible package groups...

=====> IBM Installation Manager> Install> Fixes> Licenses> Location

New package group:
  1. [X] IBM WebSphere Portal Server V8.5

Incompatible existing package groups:
  2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"
Selected location: "/home/wasadmin/IBM/WebSphere/PortalServer"
Selected architecture: 64-bit

Options:
  M. Change Location

      B. Back,          N. Next,          C. Cancel
-----> [N] M
```

23. Enter **M** for “Change Location”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Enter installation location

Enter a new installation location. To skip, press Enter:
-----> /opt/IBM/WebSphere/PortalServer
```

24. Enter the location for the WebSphere Portal Server home directory

WP_HOME: _____

Example:

```
WIN      E:\IBM\WebSphere\PortalServer
LINUX    /opt/IBM/WebSphere/PortalServer
AIX      /usr/IBM/WebSphere/PortalServer
```

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location
```

New package group:

1. ☒ IBM WebSphere Portal Server V8.5

Incompatible existing package groups:

2. IBM WebSphere Application Server V9.0

Selected group id: "IBM WebSphere Portal Server V8.5"

Selected location: "/opt/IBM/WebSphere/PortalServer"

Selected architecture: 64-bit

Options:

M. Change Location

B. Back, N. Next, C. Cancel

```
-----> [N] N
```

25. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features
```

IBM WebSphere Portal Server

1. ☒ Portal Server Profile

IBM Web Content Manager Standard Edition

B. Back, N. Next, C. Cancel

```
-----> [N] N
```

26. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
Custom panels
```

```
---- Configuration for IBM WebSphere Portal Server 8.5.0.0
```

```
---- WebSphere Application Server root directory selection
```

Select WebSphere Application Server root directory:

1. ☐ /opt/IBM/WebSphere/AppServer

```
-----> 1
```

27. Enter **1** to select the WebSphere Application Server root directory. The WebSphere Application Server root directory should match the directory used during the installation of WebSphere Application Server

```
---- Enter the Administrator user ID and password for the Configuration Wizard.
---- This ID is used only to log in to the Configuration Wizard and can be different from the Portal administrative ID.

Enter an administrator user ID for the Configuration Wizard:
-----> cwadmin
```

28. Enter the Administrator user ID for the Configuration Wizard

CWADMIN: _____

Example: `cwadmin`

```
Enter an administrator user password for the Configuration Wizard:
----->
```

29. Enter the Administrator user password for the Configuration Wizard

```
Confirm administrator user password for the Configuration Wizard:
----->
```

30. Enter the Administrator user password again for the Configuration Wizard

```
---- Enter the details for configuring the portal profile

---- Topology

Enter the host name [example: wps9.ibm.com]:
-----> [wps9.ibm.com] wps9.ibm.com
```

31. Enter the host name of the WebSphere Portal Server

WP_HOSTNAME: _____

Example: `wps9.ibm.com`

```
Enter the node name [example: wps9Node]:
-----> [wps9Node] wps9Node
```

32. Enter the node name for the WebSphere Portal Server

WP_NODENAME: _____

Example: `wps9Node`


```
Enter the cell name [example: wps9Cell]:  
-----> [wps9Cell] wps9Cell
```

33. Enter the cell name for the WebSphere Portal Server. If the WebSphere Portal Server will be connected to a deployment manager, the cell name can not match the cell name of the deployment manager.

WP_CELLNAME: _____

Example: wps9Cell

```
---- Admin Credentials for Portal Server  
  
---- Enter the user ID and the password of the WebSphere Application  
Server and Portal Server administrator.  
  
Enter an administrator user ID for the portal server [example:  
cadmin]:  
-----> [cadmin] wpsadmin
```

34. Enter the Administrator user ID for the WebSphere Portal Server. This user does not have to match the Configuration Wizard Administrator. If the WebSphere Portal Server will be configured to a Federated User Repository, the user can not match on that exist in the Federated User Repository.

WPADMIN: _____

Example: wpsadmin

```
Enter an administrator user password for the portal server:  
----->
```

35. Enter the administrator user password for the WebSphere Portal Server

```
Confirm administrator user password for the portal server:  
----->
```

36. Enter the administrator user password again for the WebSphere Portal Server Administrator user ID

```
You can configure advanced parameters or accept defaults.  
These include customized URI settings, profile name, and port numbers.  
Do you want to specify advanced parameters? [Y,N]  
-----> [N] Y
```

37. Either **Y** or **N** is acceptable.
- **N**: Enter N will skip the advanced parameters and use the defaults
 - **Y**: Enter Y will give the ability to do further configurations. In the example, **Y** was chosen for the reason of knowing what are configurable during installation

```
---- URI
Enter the context root [example: wps]:
-----> [wps] wps
```

38. Enter the context root for the WebSphere Portal Server URL

WP_CONTEXTROOT: _____

Example: wps

```
Enter the default home [example: portal]:
-----> [portal] portal
```

39. Enter the default home for the WebSphere Portal Server URL

WP_DEFAULTHOME: _____

Example: portal

```
Enter the personalized home [example: myportal]:
-----> [myportal] myportal
```

40. Enter the personalized home for the WebSphere Portal Server URL

WP_PERSONALIZEDHOME: _____

Example: myportal

```
Enter the profile name [example: wp_profile]:
-----> [wp_profile] wp_profile
```

41. Enter the profile name for the WebSphere Portal Server

WP_PROFILE: _____

Example: wp_profile

```
Enter the starting port number [example: 10012]:
-----> [10012] 10012
```

42. Enter the starting port number for the WebSphere Portal Server

WP_STARTPORT: _____

Example: 10012

```
Enter the profile path [example: /opt/IBM/WebSphere/wp_profile]:
```

```
-----> [/opt/IBM/WebSphere/wp_profile] /opt/IBM/WebSphere/wp_profile
```

43. Enter the WebSphere Portal profile path

WP_PROFILEPATH: _____

Example:

```
WIN      E:\IBM\WebSphere\wp_profile
LINUX    /opt/IBM/WebSphere/wp_profile
AIX      /usr/IBM/WebSphere/wp_profile
```

```
      B. Back,      N. Next,      C. Cancel
-----> [N] N
```

44. Enter **N** for “Next”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location>
Features>
  Custom panels> Summary

Target Location:
  Package Group Name      : IBM WebSphere Portal Server V8.5
  Installation Directory  : /opt/IBM/WebSphere/PortalServer
  Shared Resources Directory : /opt/IBM/WebSphere/IMShared

Translations:
  English

Packages to be installed:
  1. IBM WebSphere Portal Server 8.5.0.0
  2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
  3. IBM Web Content Manager Standard Edition 8.5.0.0

Options:
  G. Generate an Installation Response File

      B. Back,      I. Install,      C. Cancel
-----> [I] G
```

45. Optional: Enter **G** for “Generate an Installation Response File”

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Shared
Directory>
  Location> Translations> Features> Custom panels> Summary> Save
response file

Enter a directory path and a file name to generate the response file.
Use .xml as the file extension. If a file name is specified without a
full directory path, the response file is saved to
/opt/tmp/MWPS9/SETUP/IIM/linux_x86_64. To skip the generation of a
response file, press Enter.
-----> /opt/tmp/WPS9.rsp
```

```
=====> IBM Installation Manager> Save response file
```

```
Response file was generated successfully: /opt/tmp/wps9.rsp
```

```
    O. OK  
-----> [O] O
```

46. If **G** was selected to “Generate an Installation Response File”, enter a directory path and file name for the generated response file. Enter **O** to generate the file.

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>
```

```
    Custom panels> Summary
```

```
Target Location:
```

```
Package Group Name      : IBM WebSphere Portal Server V8.5  
Installation Directory   : /opt/IBM/WebSphere/PortalServer  
Shared Resources Directory : /opt/IBM/WebSphere/IMShared
```

```
Translations:
```

```
    English
```

```
Packages to be installed:
```

1. IBM WebSphere Portal Server 8.5.0.0
2. 8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
3. IBM Web Content Manager Standard Edition 8.5.0.0

```
Options:
```

```
    G. Generate an Installation Response File
```

```
    B. Back,          I. Install,          C. Cancel
```

```
-----> [I] I
```

47. Enter **I** for “Install”

```
                25%                50%                75%                100%  
-----|-----|-----|-----|  
.....Feb 09, 2017 12:04:20  
PM com.ibm.wps.workflow.WorkflowManager enableWorkflowExecution  
INFO: I: Workflow execution is enabled.  
.....
```

```
=====> IBM Installation Manager> Install> Fixes> Licenses> Location> Features>  
    Custom panels> Summary> Completion
```

```
The install completed successfully.
```

```
INFORMATION: IBM WebSphere Portal Server V8.5 installation is complete.  
You can now access your Portal at: http://wps9.ibm.com:10039/wps/portal
```

```
Options:
```

```
    F. Finish
```

```
-----> [F] F
```

48. Enter **F** for “Finish”

```
=====> IBM Installation Manager
```

```
Select:
  1. Install - Install software packages
  2. Update - Find and install updates and fixes to installed
software packages
  3. Modify - Change installed software packages
  4. Roll Back - Revert to an earlier version of installed software
packages
  5. Uninstall - Remove installed software packages

Other Options:
  L. View Logs
  S. View Installation History
  V. View Installed Packages
  -----
  P. Preferences
  -----
  A. About IBM Installation Manager
  -----
  X. Exit Installation Manager

-----> X
```

49. Enter **X** for “Exit Installation Manager”

5 Update Portal to CF 13

1. Login to the WebSphere Portal Server file system
2. Run the following command on one line to stop the WebSphere Portal Configuration Wizard

```
<CW_PROFILE>/bin/stopServer.(bat/sh) server1  
-user <CWADMIN> -password <CWPWD>
```

Example: WINDOWS

```
E:\IBM\WebSphere\AppServer\profiles\cw_profile\bin\stopServer.bat  
server1 -user cwadmin -password XXXX
```

Example: LINUX

```
/opt/IBM/WebSphere/AppServer/profiles/cw_profile/bin/stopServer.sh  
server1 -user cwadmin -password XXXX
```

Example: AIX

```
/usr/IBM/WebSphere/AppServer/profiles/cw_profile/bin/stopServer.sh  
server1 -user cwadmin -password XXXX
```

3. Run the following command on one line to stop the WebSphere Portal Server

```
<WP_PROFILE>/bin/stopServer.(bat/sh) WebSphere_Portal  
-user <WPADMIN> -password <WPPWD>
```

Example: WINDOWS

```
E:\IBM\WebSphere\wp_profile\bin\stopServer.bat WebSphere_Portal  
-user wpadmin -password XXXX
```

Example: LINUX

```
/opt/IBM/WebSphere/wp_profile/bin/stopServer.sh WebSphere_Portal  
-user wpadmin -password XXXX
```

Example: AIX

```
/usr/IBM/WebSphere/wp_profile/bin/stopServer.sh WebSphere_Portal  
-user wpadmin -password XXXX
```

4. Run the following command to update the WebSphere Portal binary to CF 13.

```
<IIM_HOME>/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v85 -repositories  
<MWPS9>/SETUP/products/WP8500CF13_Server/repository.config -  
installationDirectory <WP_HOME> -acceptLicense
```

NOTE: Adding -sP to the end of the command will show a progress bar for the installation. The -sP is optional but it was included in the example below.

```
25% 50% 75% 100%  
-----|-----|-----|-----|  
.....
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install  
com.ibm.websphere.PORTAL.SERVER.v85 -repositories  
F:\MWPS9\SETUP\products\WP8500CF13_Server\repository.config -  
installationDirectory E:\IBM\WebSpherePortalServer -acceptLicense -sP
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v85 -repositories  
/opt/tmp/MWPS9/SETUP/products/WP8500CF13_Server/repository.config -  
installationDirectory /opt/IBM/WebSphere/PortalServer -acceptLicense -  
sP
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v85 -repositories  
/usr/tmp/MWPS9/SETUP/products/WP8500CF13_Server/repository.config -  
installationDirectory /usr/IBM/WebSphere/PortalServer -acceptLicense -  
sP
```

5. Verify the update results

Example:

IBM WebSphere Portal Server V8.5 files have been upgraded.
To complete the process, you must now update all existing Portal
profiles.
See the fix instructions for details:
[http://www-
10.lotus.com/ldd/portalwiki.nsf/xpDocViewer.xsp?lookupName=Combined+C
umulative+Fix+Readme+V8.5.0.0#action=openDocument&content=catcontent&ct
=prodDoc](http://www-10.lotus.com/ldd/portalwiki.nsf/xpDocViewer.xsp?lookupName=Combined+Cumulative+Fix+Readme+V8.5.0.0#action=openDocument&content=catcontent&ct=prodDoc)

Updated to com.ibm.websphere.PORTAL.SERVER.v85_8.5.0.20161208_1514 in
the /opt/IBM/WebSphere/PortalServer directory.
WARNING: IMPORTANT: Before installing the update, ensure you have a
working backup of your environment. This includes a full file structure
backup, a full database backup, and a backup of the Installation
Manager Application Data directory
(/home/wasadmin/var/ibm/InstallationManager). All three parts are
important. See the cumulative fix instructions for more details:
[http://www-10.lotus.com/ldd/
portalwiki.nsf/xpDocViewer.xsp?lookupName=Combined+Cumulative+Fix+Readm
e+V8.5.0.
0#action=openDocument&res_title=WebSphere_Portal_and_Web_Content_Manage
r_V8.5.0.
0_combined_cumulative_fix_overview_cf8500&content=pdcontent](http://www-10.lotus.com/ldd/portalwiki.nsf/xpDocViewer.xsp?lookupName=Combined+Cumulative+Fix+Readme+V8.5.0.0#action=openDocument&res_title=WebSphere_Portal_and_Web_Content_Manager_V8.5.0.0_combined_cumulative_fix_overview_cf8500&content=pdcontent)

6 Configure CF 13

1. Verify/Stop the WebSphere Portal Server

```
<WP_PROFILE>/bin/stopServer.(bat/sh) WebSphere_Portal  
-user <WPADMIN> -password <WPPWD>
```

Example: WINDOWS

```
E:\IBM\WebSphere\wp_profile\bin\stopServer.bat WebSphere_Portal  
-user wpadmin -password XXXX
```

Example: LINUX

```
/opt/IBM/WebSphere/wp_profile/bin/stopServer.sh WebSphere_Portal  
-user wpadmin -password XXXX
```

Example: AIX

```
/usr/IBM/WebSphere/wp_profile/bin/stopServer.sh WebSphere_Portal  
-user wpadmin -password XXXX
```

2. Run the following command on one line to upgrade the WebSphere Portal profile

```
<WP_PROFILE>/PortalServer/bin/applyCF.sh -DPortalAdminPwd=<WPPWD> -  
DWasPassword=<WPPWD>
```

Example: WINDOWS

```
E:\IBM\WebSphere\wp_profile\PortalServer\bin\applyCF.sh -  
DPortalAdminPwd=XXXX -DWasPassword=XXXX
```

Example: LINUX

```
/opt/IBM/WebSphere/wp_profile/PortalServer/bin/applyCF.sh -  
DPortalAdminPwd=XXXX -DWasPassword=XXXX
```

Example: AIX

```
/usr/IBM/WebSphere/wp_profile/PortalServer/bin/applyCF.sh -  
DPortalAdminPwd=XXXX -DWasPassword=XXXX
```

3. Verify the upgrade results

```
BUILD SUCCESSFUL  
isIseries currently set to: null  
  
update-registry-sync-property:  
[echo] updated RegistrySynchronized in file wkplc.properties  
with value: true  
  
print-final-message:  
return code = 0  
deleting temporary files  
  
SUCCESS: Update to Cumulative Fix CF13 completed successfully.
```


7 Install Portal v9.0

Only one of the following entitlements will need to be completed.

7.1 WebSphere Portal Server

1. Login to the WebSphere Portal Server file system as the user used to install IBM Installation Manager
2. Run the following command to create the encrypted password for the WebSphere Application Server Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WASPWD>
```

WASPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

3. Run the following command to create the encrypted password for the WebSphere Portal Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9.

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WPPWD>
```

WPPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

4. Run the following command to install WebSphere Portal V9

```
<IIM_HOME>/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 -repositories  
<MWPS9>/SETUP/products/WP90_Portal/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WASPWD_ENCRY  
PT>,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WPPWD_ENC  
RYPT> -installationDirectory /opt/IBM/WebSphere/PortalServer -  
acceptLicense
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 -repositories  
F:\MWPS9\SETUP\products\WP90_Portal\repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
E:\IBM\WebSphere\PortalServer -acceptLicense
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 -repositories  
/opt/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/opt/IBM/WebSphere/PortalServer -acceptLicense
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 -repositories  
/usr/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/usr/IBM/WebSphere/PortalServer -acceptLicense
```

5. Review the results of the command

IBM WebSphere Portal V9.0 installation is complete.
You can now integrate your portal with IBM Watson Content Hub. See
http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html for details.

Installed com.ibm.websphere.PORTAL.SERVER.v90_9.0.0.20161208_1437 to
the /opt/IBM/WebSphere/PortalServer directory.

7.2 WebSphere Portal Server Enable

1. Login to the WebSphere Portal Server file system as the user used to install IBM Installation Manager
2. Run the following command to create the encrypted password for the WebSphere Application Server Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WASPWD>
```

WASPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: rbN1IaMAWYYtQxLf6KdNyA==

3. Run the following command to create the encrypted password for the WebSphere Portal Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9.

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WPPWD>
```

WPPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: rbN1IaMAWYYtQxLf6KdNyA==

4. Run the following command to install WebSphere Portal V9

```
<IIM_HOME>/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.ENABLE.v90
-repositories
<MWPS9>/SETUP/products/WP90_Portal/repository.config,<MWPS9>
/SETUP/products/WP90_Enable/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WASPWD_ENCRY
PT>,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WPPWD_ENC
RYPT> -installationDirectory /opt/IBM/WebSphere/PortalServer -
acceptLicense
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.ENABLE.v90
-repositories
F:\MWPS9\SETUP\products\WP90_Portal\repository.config,F:\MWPS9\SETUP\pr
oducts\WP90_Enable\repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
E:\IBM\WebSphere\PortalServer -acceptLicense
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.ENABLE.v90
-repositories
/opt/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/opt/tmp/MW
PS9/SETUP/products/WP90_Enable/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
/opt/IBM/WebSphere/PortalServer -acceptLicense
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.ENABLE.v90
-repositories
/usr/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/usr/tmp/MW
PS9/SETUP/products/WP90_Enable/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
/usr/IBM/WebSphere/PortalServer -acceptLicense
```

5. Review the results of the command

IBM WebSphere Portal V9.0 installation is complete.
You can now integrate your portal with IBM Watson Content Hub. See
http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html for details.

Installed com.ibm.websphere.PORTAL.SERVER.v90_9.0.0.20161208_1437 to
the /opt/IBM/WebSphere/PortalServer directory.

```
Installed com.ibm.websphere.PORTAL.ENABLE.v90_9.0.0.20161208_1438 to  
the /opt/IBM/WebSphere/PortalServer directory.
```

7.3 WebSphere Portal Server Extend

1. Login to the WebSphere Portal Server file system as the user used to install IBM Installation Manager
2. Run the following command to create the encrypted password for the WebSphere Application Server Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WASPWD>
```

WASPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: rbN1IaMAWYYtQxLf6KdNyA==

3. Run the following command to create the encrypted password for the WebSphere Portal Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9.

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WPPWD>
```

WPPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

4. Run the following command to install WebSphere Portal V9

```
<IIM_HOME>/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.EXTEND.v90
-repositories
<MWPS9>/SETUP/products/WP90_Portal/repository.config,<MWPS9>
/SETUP/products/WP90_Extend/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WASPWD_ENCRY
PT>,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WPPWD_ENC
RYPT> -installationDirectory /opt/IBM/WebSphere/PortalServer -
acceptLicense
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.EXTEND.v90
-repositories
F:\MWPS9\SETUP\products\WP90_Portal\repository.config,F:\MWPS9\SETUP\pr
oducts\WP90_Extend\repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
E:\IBM\WebSphere\PortalServer -acceptLicense
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.EXTEND.v90
-repositories
/opt/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/opt/tmp/MW
PS9/SETUP/products/WP90_Extend/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
/opt/IBM/WebSphere/PortalServer -acceptLicense
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.EXTEND.v90
-repositories
/usr/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/usr/tmp/MW
PS9/SETUP/products/WP90_Extend/repository.config -properties
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb
N1IaMAWYYtQxLf6KdNyA== -installationDirectory
/usr/IBM/WebSphere/PortalServer -acceptLicense
```

5. Review the results of the command

IBM WebSphere Portal V9.0 installation is complete.
You can now integrate your portal with IBM Watson Content Hub. See
http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html for details.

```
Installed com.ibm.websphere.PORTAL.SERVER.v90_9.0.0.20161208_1437 to  
the /opt/IBM/WebSphere/PortalServer directory.  
Installed com.ibm.websphere.PORTAL.EXTEND.v90_9.0.0.20161208_1438 to  
the /opt/IBM/WebSphere/PortalServer directory.
```

7.4 Web Content Manager

1. Login to the WebSphere Portal Server file system as the user used to install IBM Installation Manager
2. Run the following command to create the encrypted password for the WebSphere Application Server Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WASPWD>
```

WASPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: rbN1IaMAWYYtQxLf6KdNyA==

3. Run the following command to create the encrypted password for the WebSphere Portal Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9.

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WPPWD>
```

WPPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/
```

```
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

4. Run the following command to install WebSphere Portal V9

```
<IIM_HOME>/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WCM.v90 -  
repositories  
<MWPS9>/SETUP/products/WP90_Portal/repository.config,<MWPS9>  
/SETUP/products/WP90_WCM/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WASPWD_ENC  
RYPT>,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WPPWD_EN  
CRYPT> -installationDirectory /opt/IBM/WebSphere/PortalServer -  
acceptLicense
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WCM.v90 -  
repositories  
F:\MWPS9\SETUP\products\WP90_Portal\repository.config,F:\MWPS9\SETUP\pr  
oducts\WP90_WCM\repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
E:\IBM\WebSphere\PortalServer -acceptLicense
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WCM.v90 -  
repositories  
/opt/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/opt/tmp/MW  
PS9/SETUP/products/WP90_WCM/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/opt/IBM/WebSphere/PortalServer -acceptLicense
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WCM.v90 -  
repositories  
/usr/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/usr/tmp/MW  
PS9/SETUP/products/WP90_WCM/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/usr/IBM/WebSphere/PortalServer -acceptLicense
```


5. Review the results of the command

IBM WebSphere Portal V9.0 installation is complete.
You can now integrate your portal with IBM Watson Content Hub. See http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html for details.

Installed com.ibm.websphere.PORTAL.SERVER.v90_9.0.0.20161208_1437 to the /opt/IBM/WebSphere/PortalServer directory.
Installed com.ibm.websphere.PORTAL.WCM.v90_9.0.0.20161208_1438 to the /opt/IBM/WebSphere/PortalServer directory.

7.5 Web Content Manager Standard Edition

1. Login to the WebSphere Portal Server file system as the user used to install IBM Installation Manager
2. Run the following command to create the encrypted password for the WebSphere Application Server Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WASPWD>
```

WASPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

3. Run the following command to create the encrypted password for the WebSphere Portal Administrative ID. The results of the command will be used during the installation of the WebSphere Portal Server V9.

```
<IIM_HOME>/eclipse/tools/imutilsc encryptString <WPPWD>
```

WPPWD_ENCRYPT = _____

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\  
imutilsc encryptString passw0rd
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/  
imutilsc encryptString passw0rd
```

Example RESULTS: `rbN1IaMAWYYtQxLf6KdNyA==`

4. Run the following command to install WebSphere Portal V9

```
<IIM_HOME>/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WSE.v90 -  
repositories  
<MWPS9>/SETUP/products/WP90_Portal/repository.config,<MWPS9>  
/SETUP/products/WP90_WSE/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WASPWD_ENC  
RYPT>,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=<WPPWD_  
ENC  
RYPT> -installationDirectory /opt/IBM/WebSphere/PortalServer -  
acceptLicense
```

Example: WINDOWS

```
E:\IBM\InstallationManager\eclipse\tools\imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WSE.v90 -  
repositories  
F:\MWPS9\SETUP\products\WP90_Portal\repository.config,F:\MWPS9\SETUP\pr  
oducts\WP90_WSE\repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
E:\IBM\WebSphere\PortalServer -acceptLicense
```

Example: LINUX

```
/opt/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WSE.v90 -  
repositories  
/opt/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/opt/tmp/MW  
PS9/SETUP/products/WP90_WSE/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ  
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/opt/IBM/WebSphere/PortalServer -acceptLicense
```

Example: AIX

```
/usr/IBM/InstallationManager/eclipse/tools/imcl install  
com.ibm.websphere.PORTAL.SERVER.v90 com.ibm.websphere.PORTAL.WSE.v90 -  
repositories  
/usr/tmp/MWPS9/SETUP/products/WP90_Portal/repository.config,/usr/tmp/MW  
PS9/SETUP/products/WP90_WSE/repository.config -properties  
user.p9.was.password,,com.ibm.websphere.PORTAL.SERVER.v90=rbN1IaMAWYYtQ
```

```
xLf6KdNyA==,user.p9.wp.password,,com.ibm.websphere.PORTAL.SERVER.v90=rb  
N1IaMAWYYtQxLf6KdNyA== -installationDirectory  
/usr/IBM/WebSphere/PortalServer -acceptLicense
```

5. Review the results of the command

IBM WebSphere Portal V9.0 installation is complete.
You can now integrate your portal with IBM Watson Content Hub. See
http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html for details.

Installed com.ibm.websphere.PORTAL.SERVER.v90_9.0.0.20161208_1437 to
the /opt/IBM/WebSphere/PortalServer directory.
Installed com.ibm.websphere.PORTAL.WSE.v90_9.0.0.20161208_1438 to the
/opt/IBM/WebSphere/PortalServer directory.

8 Next Steps

Next Steps for completing the WebSphere Portal Server installation

8.1 WebSphere Portal Server latest fixes

- Check for updates and install the latest fixes from IBM
<https://www.ibm.com/support/docview.wss?uid=swg24037802>

8.2 Log in to IBM WebSphere Portal

- Log in to IBM WebSphere Portal and verify that your installation was successful. Access WebSphere Portal with the <http://yourserver:yourport/wps/portal> format.

Example:

<http://wps9.ibm.com:10039/wps/portal>

8.3 Modify uri.home.substitution

- Modify the uri.home.substitution custom property in the Resource Environment Provider. In the WP ConfigService, set the uri.home.substitution custom property to true to avoid functional errors that might occur in certain unusual use cases. For more information on uri.home.substitution, see http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/admin-system/srvcfgref_config.html

- a. Login to the WebSphere Application Server console

<https://<hostname>:<port>/ibm/console>

Example:

<https://wps9.ibm.com:10041/ibm/console>

- b. Navigate to Resources > Resource Environment > Resource Environment Providers > WP ConfigService > Custom properties
- c. Add the following variable
 - uri.home.substitution = true
- d. Restart WebSphere Portal

8.4 Configuration Wizard

- Run the Configuration Wizard to finish the deployment. See http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/config/cw_overview.html

```
http://hostname:<CW_PORT>/ibm/wizard
```

Example:

```
http://wps9.ibm.com:10200/ibm/wizard
```

8.5 IBM Watson Content Hub

- Integrate your portal with IBM Watson Content Hub. See http://www.ibm.com/support/knowledgecenter/SSHRKX_8.5.0/mp/integrate/int_dch.html

9 Validate

9.1 WebSphere Portal JVM Process

9.1.1 Start JVM Process

```
E:\IBM\WebSphere\wp_profile\bin>startServer.bat WebSphere_Portal
ADMU0116I: Tool information is being logged in file
           E:\IBM\WebSphere\wp_profile\logs\WebSphere_Portal\startServer.log
ADMU0128I: Starting tool with the wp_profile profile
ADMU3100I: Reading configuration for server: WebSphere_Portal
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server WebSphere_Portal open for e-business; process id is 2920
```

1. Open a command prompt on the WebSphere Portal Server
2. Change to the bin directory of the WebSphere Portal profile

```
# cd <WP_PROFILE>/bin
```

Example:

```
WIN      # cd E:\IBM\WebSphere\wp_profile\bin
LINUX    # cd /opt/IBM/WebSphere/wp_profile/bin
AIX      # cd /usr/IBM/WebSphere/wp_profile/bin
```

3. Run the following command to start the WebSphere Portal JVM

```
startServer.(bat/sh) WebSphere_Portal
```

4. Wait for the following message on the prompt

```
Server <SERVER_NAME> open for e-business; process id is <PROCESS ID>
```

Example:

```
Server WebSphere_Portal open for e-business; process id is 2922
```

9.1.2 Stop JVM Process

```
E:\IBM\WebSphere\wp_profile\bin>stopServer.bat WebSphere_Portal -user wpadmin -password passwd
ADMU0116I: Tool information is being logged in file
           E:\IBM\WebSphere\wp_profile\logs\WebSphere_Portal\stopServer.log
ADMU0128I: Starting tool with the wp_profile profile
ADMU3100I: Reading configuration for server: WebSphere_Portal
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server WebSphere_Portal stop completed.
```

1. Open a command prompt on the WebSphere Portal Server
2. Change to the bin directory of the WebSphere Portal profile

```
# cd <WP_PROFILE>/bin
```

Example:

```
WIN    # cd E:\IBM\WebSphere\wp_profile\bin
LINUX  # cd /opt/IBM/WebSphere/wp_profile/bin
AIX    # cd /usr/IBM/WebSphere/wp_profile/bin
```

3. Run the following command to start the WebSphere Portal JVM

```
stopServer.(bat/sh) WebSphere_Portal
                        -user <WASADMIN> -password <WASPWD>
```

Example:

```
stopServer.(bat/sh) WebSphere_Portal
                        -user wpadmin -password passw0rd
```

4. Wait for the following message on the prompt

```
Server <SERVER_NAME> stop completed.
```

Example:

```
Server WebSphere_Portal stop completed.
```

9.2 Configuration Wizard JVM

9.2.1 Start JVM Process

```
E:\IBM\WebSphere\AppServer\profiles\cw_profile\bin>startServer.bat server1
ADMU0116I: Tool information is being logged in file
           E:\IBM\WebSphere\AppServer\profiles\cw_profile\logs\server1\startServer.log
ADMU0128I: Starting tool with the cw_profile profile
ADMU3100I: Reading configuration for server: server1
ADMU3200I: Server launched. Waiting for initialization status.
ADMU3000I: Server server1 open for e-business; process id is 1624
```

1. Open a command prompt on the WebSphere Portal Server

2. Change to the bin directory of the Configuration Wizard profile

```
# cd <CW_PROFILE>/bin
```

Example:

```
WIN    # cd E:\IBM\WebSphere\AppServer\profiles\cw_profile\bin
LINUX  # cd /opt/IBM/WebSphere/AppServer/profiles/cw_profile/bin
AIX    # cd /usr/IBM/WebSphere/AppServer/profiles/cw_profile/bin
```

3. Run the following command to start the WebSphere Portal JVM

```
startServer.(bat/sh) server1
```

4. Wait for the following message on the prompt

```
Server <SERVER_NAME> open for e-business; process id is <PROCESS ID>
```

Example:

```
Server server1 open for e-business; process id is 1624
```

9.2.2 Stop JVM Process

```
E:\IBM\WebSphere\AppServer\profiles\cw_profile\bin>stopServer.bat server1 -user cfgadmin -password passw0rd
ADMU0116I: Tool information is being logged in file
           E:\IBM\WebSphere\AppServer\profiles\cw_profile\logs\server1\stopServer.log
ADMU0128I: Starting tool with the cw_profile profile
ADMU3100I: Reading configuration for server: server1
ADMU3201I: Server stop request issued. Waiting for stop status.
ADMU4000I: Server server1 stop completed.
```

1. Open a command prompt on the WebSphere Portal Server
2. Change to the bin directory of the WebSphere Portal profile

```
# cd <CW_PROFILE>/bin
```

Example:

```
WIN      # cd E:\IBM\WebSphere\AppServer\profiles\cw_profile\bin
LINUX    # cd /opt/IBM/WebSphere/AppServer/profiles/cw_profile/bin
AIX      # cd /usr/IBM/WebSphere/AppServer/profiles/cw_profile/bin
```

3. Run the following command to start the Configuration Wizard JVM

```
stopServer.(bat/sh) server1 -user <CWADMIN> -password <CWPWD>
```

Example:

```
stopServer.(bat/sh) server1 -user cwadmin -password passw0rd
```

4. Wait for the following message on the prompt

```
Server <SERVER_NAME> stop completed.
```

Example:

```
Server server1 stop completed.
```

9.3 WPVersionInfo

1. Open a command prompt on the WebSphere Portal Server
2. Run the WPVersionInfo command

```
# cd <WP_HOME>/bin/WPVersionInfo.(bat/sh)
```

Example:

```
WIN      # cd E:\IBM\WebSphere\PortalServer\bin\WPVersionInfo.bat
LINUX    # cd /opt/IBM/WebSphere/PortalServer/bin/WPVersionInfo.sh
AIX      # cd /usr/IBM/WebSphere/Portalserver/bin/WPVersionInfo.sh
```

3. Verify the output for the correct WebSphere Portal version and entitlement under Installed Product

WVER0010I: Copyright IBM Corporation 2002, 2014; All rights reserved.
WVER0011I: WebSphere Portal
WVER0012I: WPVersionInfo reporter version 1.10.1.1, dated 20161208_1207_DevBuild

IBM WebSphere Portal Product Installation Status Report

Report at date and time 2017-01-26T11:36:47-06:00

Installation

Product Directory /opt/IBM/WebSphere/PortalServer
Version Directory /opt/IBM/WebSphere/PortalServer/version
DTD Directory /opt/IBM/WebSphere/PortalServer/version/dtd
Log Directory /opt/IBM/WebSphere/PortalServer/version/logs

Technology List

MP installed
MP9 installed
WCM installed
CFGFW installed

Installed Product

Name IBM WebSphere Portal MultiPlatform
Version 9.0.0.0
Installed Fix CF13
ID MP
Build Level 20161208-1058 2016-12-08
Build Date 12/08/2016

Package
id com.ibm.websphere.PORTAL.ENABLE.v85
name IBM WebSphere Portal Enable
kind offering
version 8.5.0.20140424_2150
Installed Features enable.upsell

Package
id com.ibm.websphere.PORTAL.ENABLE.v90
name IBM WebSphere Portal Enable
kind offering
version 9.0.0.20161208_1438
Installed Features ext9.upsell

Package
id com.ibm.websphere.PORTAL.SERVER.v85
name IBM WebSphere Portal Server
kind offering
version 8.5.0.20161208_1514
Installed Features Config Engine
Installed Features Portal Server Binary
Installed Features Portal Server Profile

Package
id com.ibm.websphere.PORTAL.SERVER.v90
name IBM WebSphere Portal Server
kind offering
version 9.0.0.20161208_1437
Installed Features portal9.upsell

Installed Component

Name IBM Web Content Manager
Version 8.5.0.0
Installed Fix CF13
ID WCM
Build Level WP8.5_integration_20161208-1058
Build Date 12/08/2016

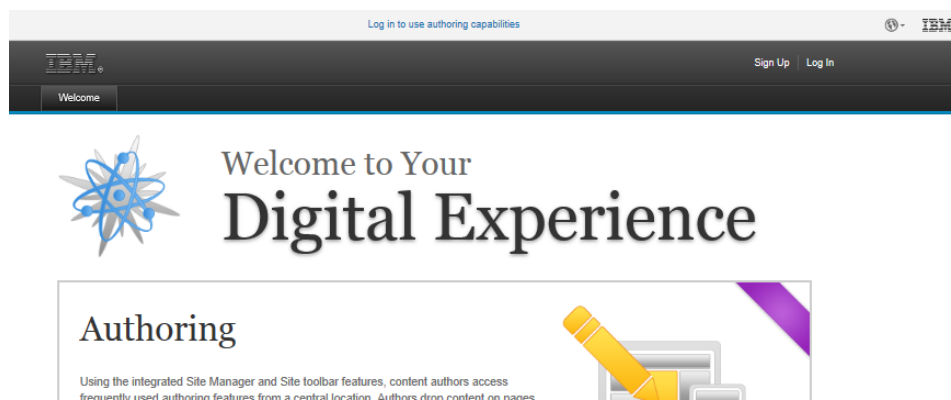
```

Installed Component
-----
Name           IBM WebSphere Portal Configuration Framework
Version        8.5.0.0
Installed Fix   CF13
ID             CFGFW
Build Level     20161208-1058 2016-12-08
Build Date     12/08/2016
-----
End Installation Status Report
-----

```

9.4 About Portlet

1. Verify/Start the WebSphere Portal Server



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

`http://<HOSTNAME>:<PORT>/<CONTEXTROOT>/<DEFAULTHOME_URI>`

Example:

<http://wps9.ibm.com:10039/wps/portal>

3. Click Log In

Log in to use authoring capabilities

IBM

Sign Up | Log In

Log in with your Portal account

User ID:

wpadmin

Password:

Log in Cancel

Not registered? [Sign up](#)

Help

Product documentation
Product wiki
Media gallery
WebSphere Portal Zone

Support

Support page
Supported hardware and software
IBM Software Support Guide

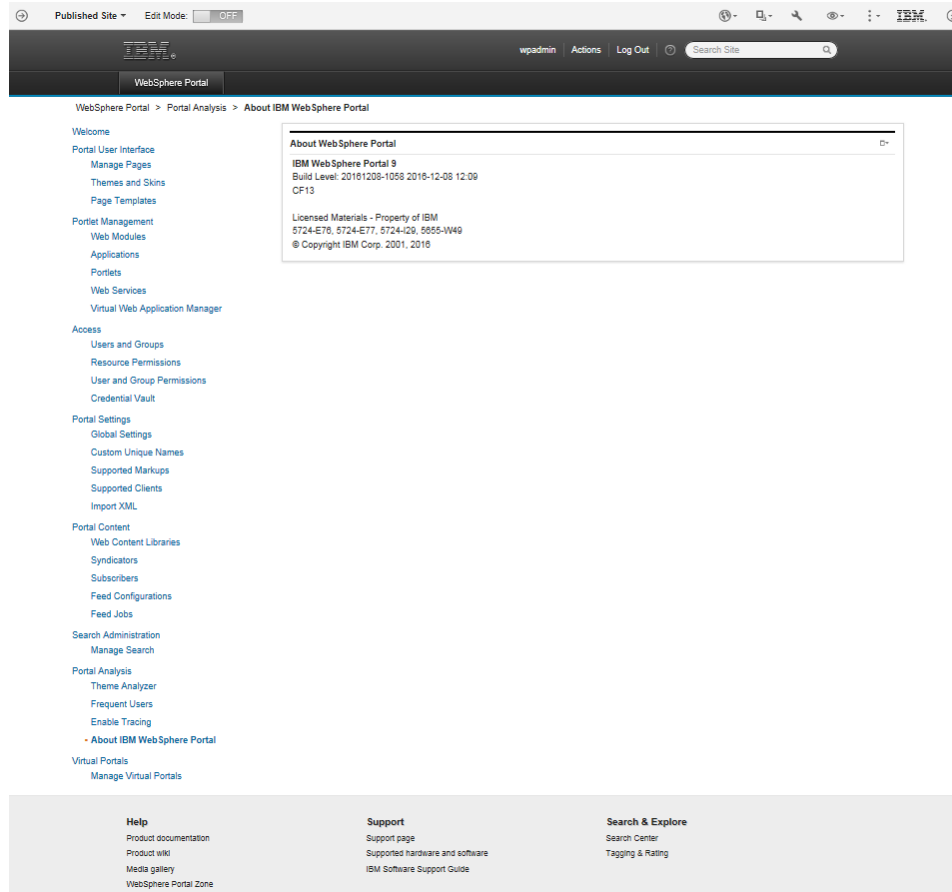
4. Login with the Administrator User ID and password that was set during installation. This will be the current WebSphere Portal Administrator

Example:

wpadmin/XXXX



5. Click the “Open portal administration” icon  on the top right icon list

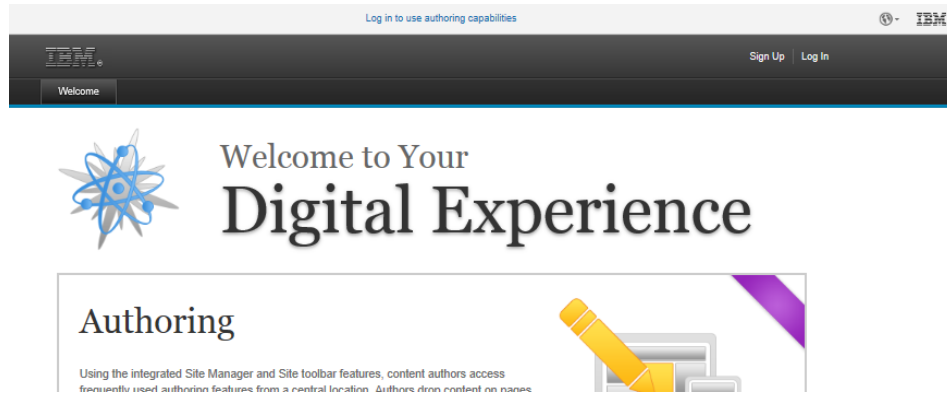


6. Scroll to the bottom of the page
7. Under Portal Analysis, click About IBM WebSphere Portal
8. Verify the Portal for WebSphere Portal 9

9.5 Web Content Management Authoring

If you only installed the WebSphere Portal Server entitlement then this section is not available.

1. Verify/Start the WebSphere Portal Server



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

`http://<HOSTNAME>:<PORT>/<CONTEXTROOT>/<DEFAULTHOME_URI>`

Example:

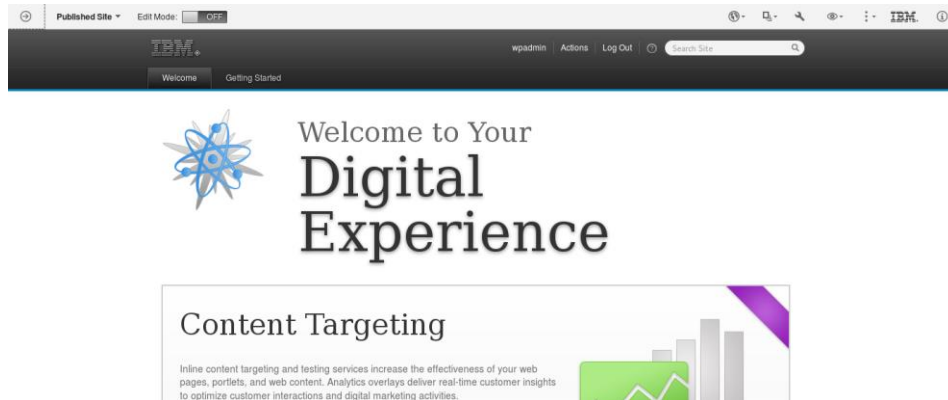
<http://wps9.ibm.com:10039/wps/portal>


3. Click Log In

4. Login with the Administrator User ID and password that was set during installation. This will be the current WebSphere Portal Administrator

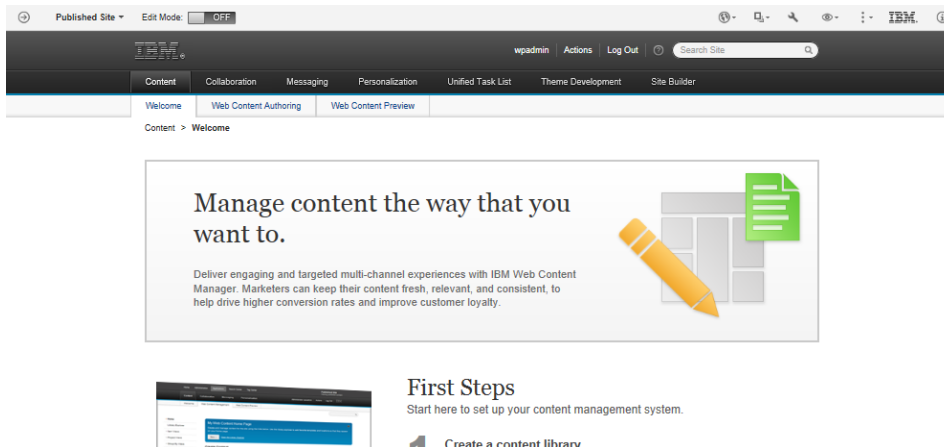
Example:

`wpadmin/XXXX`

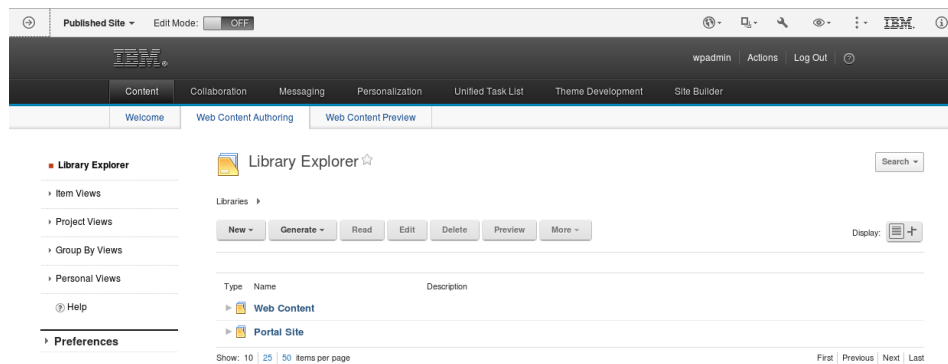


5. Click the “Open the applications menu”  on the top right icon list

6. On the drop down, click “content”



7. Click the “Web Content Authoring” tab for the WCM Authoring page



9.6 Configuration Wizard URL

1. Verify/Start the Configuration Wizard server

2. Login to the WebSphere Portal file system
3. Change to the logs directory of the Configuration Wizard profile

```
<CW_PROFILE>/logs
```

Example:

```
WIN      E:\IBM\WebSphere\AppServer\profiles\cw_profile\logs
LINUX    /opt/IBM/WebSphere/AppServer\profiles\cw_profile\logs
AIX      /usr/IBM/WebSphere/AppServer\profiles\cw_profile\logs
```

4. Open the AboutThisProfile.txt with a text reader
5. Search for “HTTP transport port:”. This port will be used for the Configuration Wizard URL

HTTP transport port: _____

Example:

```
HTTP transport port: 10200
```

6. Open a browser and set the URL to the Configuration Wizard URL

```
http://<HOSTNAME>:<PORT>/ibm/wizard
```

Example:

```
http://wps9.ibm.com:10200/ibm/wizard
```

Log in with the Configuration Wizard administrator credentials

User ID:

Password:

7. Login with the Configuration Wizard credentials that were set during installation.

Example:

```
cwadmin/passw0rd
```



Configuration Wizard

Complete essential configuration tasks with less reading and time spent editing properties files. Repeat common configuration tasks on different servers by using wizard selections saved from another session as a starting point for a new session. [Learn More](#)

Set Up a Stand-alone Server

Set up a stand-alone server environment to use for development, demonstrations, and small production sites. For guidance, see [Roadmaps for stand-alone servers](#) and select the roadmap that best matches your needs.

Set Up a Cluster

Set up either a dynamic or static cluster to use for production sites. For guidance, see [Roadmaps for clusters](#).

Add On New Capability

Install and deploy a new capability or remove an add-on.

More Options

Select from utilities such as removing a portal profile and more.