# WebSphere Portal 9 Installation using Launchpad

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\*

## 1 Information

This document will help with a standalone installation of WebSphere Portal 9 Server/Enable/Extend/WCM/WCMSE using the launchpad. The assumption is that the environment is clean of all IBM Software.

#### Useful links:

- IBM WebSphere Portal and IBM Web Content Manager V9 Knowledge Center <a href="http://www.ibm.com/support/knowledgecenter/SSHRKX\_9.0.0/welcome/wp9\_welcome.html">http://www.ibm.com/support/knowledgecenter/SSHRKX\_9.0.0/welcome/wp9\_welcome.html</a>
- WebSphere Portal Detailed System Requirements <a href="http://www-01.ibm.com/support/docview.wss?uid=swg27007791">http://www-01.ibm.com/support/docview.wss?uid=swg27007791</a>
- 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+Cumulat ive+Fix+Readme+V8.5.0.0#action=openDocument&res\_title=WebSphere\_Portal\_an\_d\_Web\_Content\_Manager\_V8.5.0.0\_combined\_cumulative\_fix\_overview\_cf8500&c\_ontent=pdcontent

- WebSphere Application Server 9 Knowledge Center
   <a href="https://www.ibm.com/support/knowledgecenter/SSEQTP\_9.0.0/as\_ditamaps/was900">https://www.ibm.com/support/knowledgecenter/SSEQTP\_9.0.0/as\_ditamaps/was900</a>
   <a href="webset-base.html">welcome\_base.html</a>
- Installation Manager 1.8.5 Knowledge Center <a href="https://www.ibm.com/support/knowledgecenter/SSDV2W\_1.8.5/com.ibm.cic.agent.u">https://www.ibm.com/support/knowledgecenter/SSDV2W\_1.8.5/com.ibm.cic.agent.u</a> i.doc/helpindex\_imic.html
- This document is not written or supported by IBM Support

Name	Date	Version	Description
Loc Dang	01/30/17	V1	WebSphere Portal 9 Installation using
			LAUNCHPAD

## 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/lim/...
<mwps9>/setup/products/...
<mwps9>/setup/quickstart/...
<mwps9>/setup/sample-responsefiles/...
<mwps9>/setup/setup64.exe
<mwps9>/setup/setup64.ini
<mwps9>/setup/setup.sh
<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 =		
MLDMI -		

#### Example:

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

Media	File Name	Description
CNHIVML	WS_PORTAL_ENABLE_SU	IBM WebSphere Portal Enable Setup
	_V9.0_PART1_MP.zip	V9.0 Multiplatform Multilingual Part 1
CNH1WML	WS_PORTAL_ENABLE_SU	IBM WebSphere Portal Enable Setup
	_V9.0_PART2_MP.zip	V9.0 Multiplatform Multilingual Part 2
CNH1XML	WS_PORTAL_ENABLE_SU	IBM WebSphere Portal Enable Setup
	_V9.0_PART3_MP.zip	V9.0 Multiplatform Multilingual Part 3
CNH1YML	WS_PORTAL_ENABLE_SU	IBM WebSphere Portal Enable Setup
	_V9.0_PART4_MP.zip	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/lim/...
<mwps9>/setup/products/...
<mwps9>/setup/quickstart/...
<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)

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
CNH1ZML	WS_PORTAL_EXTEND_SU_	IBM WebSphere Portal Extend Setup
	V9.0_PART1_MP.zip	V9.0 Multiplatform Multilingual Part 1
CNH20ML	WS_PORTAL_EXTEND_SU_	IBM WebSphere Portal Extend Setup
	V9.0_PART1_MP.zip	V9.0 Multiplatform Multilingual Part 2
CNH21ML	WS_PORTAL_EXTEND_SU_	IBM WebSphere Portal Extend Setup
	V9.0_PART1_MP.zip	V9.0 Multiplatform Multilingual Part 3
CNH22ML	WS_PORTAL_EXTEND_SU_	IBM WebSphere Portal Extend Setup
	V9.0_PART1_MP.zip	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_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 *AEDIA* 

```
MEDIA =
```

#### Example:

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

Media	File Name	Description
CNH23ML	WEB_CONT_MGR_SU_V9.0_	IBM Web Content Manager Setup V9.0
	PART1_MPML.zip	Multiplatform Multilingual Part 1
CNH24ML	WEB_CONT_MGR_SU_V9.0_	IBM Web Content Manager Setup V9.0
	PART2_MPML.zip	Multiplatform Multilingual Part 2
CNH25ML	WEB_CONT_MGR_SU_V9.0_	IBM Web Content Manager Setup V9.0
	PART3_MPML.zip	Multiplatform Multilingual Part 3
CNH26ML	WEB_CONT_MGR_SU_V9.0_	IBM Web Content Manager Setup V9.0
	PART4_MPML.zip	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/...
</MWPW9>/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	IBM Web Content Manager Standard
	9.0_PART1_MPML.zip	Edition Setup V9.0 Multiplatform
		Multilingual Part 1
CNH27ML	WEB_CONT_MGR_SE_SU_V	IBM Web Content Manager Standard
	9.0_PART2_MPML.zip	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	IBM Web Content Manager Standard
	9.0_PART4_MPML.zip	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/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.htm l#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.

6. The launchpad uses a UI interface for its installation. Verify on the UNIX environment a graphical user interface is accessible (x11) either by directly logging onto the system or exporting the display using an X windows software.

# 4 Install Prerequisites

- 1. Login to the WebSphere Portal Server file system
- 2. Run the setup from the WebSphere Portal 9 media files

WIN F:\MWPS9\SETUP\setup64.exe
LINUX /opt/tmp/MWPS9/SETUP/setup.sh
AIX /usr/tmp/MWPS9/SETUP/setup.sh

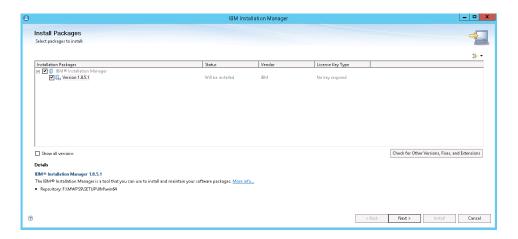
#### **IBM WebSphere Portal Enable**

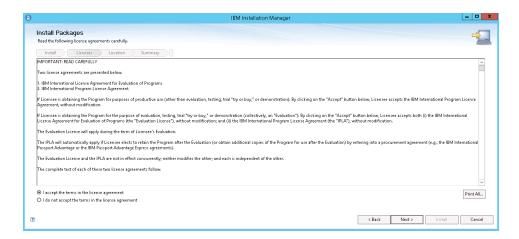


- 3. Click Install Prerequisites on the left menu
- 4. On the right panel, click "Install prerequisites" link

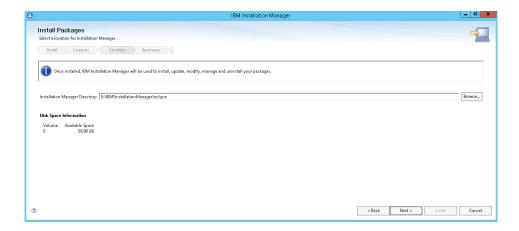
# 4.1 Installation Manager

If a supported version of IBM Installation Manager is already installed, this section will be skipped and go directly to the installation of WebSphere Portal Server 8.5





- 6. Select "I accept the terms in the license agreement"
- 7. Click Next

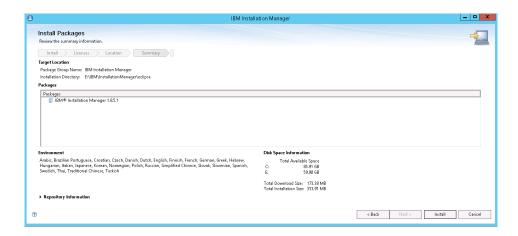


8. Verify/Browse to the location of where the Installation Manager will be installed <IIM\_HOME>/eclipse

#### Example:

```
WIN E:\IBM\InstallationManager\eclipse
LINUX /opt/IBM/InstallationManager/eclipse
AIX /usr/IBM/InstallationManager/eclipse
```

NOTE: It is recommended to stay away from spaces and special characters



#### 10. Click Install

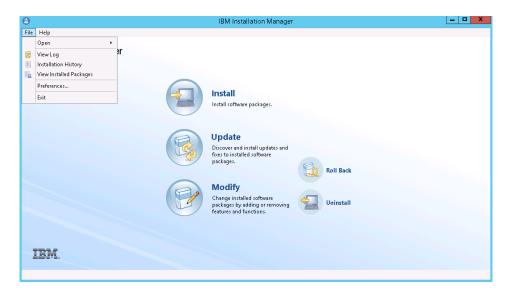


## 11. Click Restart Installation Manager

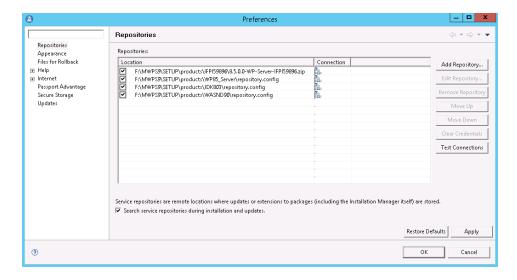
# 4.2 WebSphere Portal Server and Web Content Manager 8.5



- 1. Start Installation Manager with one of the following options
  - After Installation Manager is installed using the Launchpad, click "Restart Installation Manager"
  - o Follow section 4 to "Install Prerequites"



- 2. Click File > Preferences...
- 3. Click Repositories on the left menu



4. Verify/Add the following repositories

#### **SERVER:**

<MWPS9>/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFI59896.zip
<MWPS9>/SETUP/products/WP85\_Server/repository.config
<MWPS9>/SETUP/products/JDK803/repository.config
<MWPS9>/SETUP/products/WASND90/repository.config

#### **ENABLE:**

```
<MWPS9>/SETUP/products/WP85_Enable/repository.config
<MWPS9>/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFI59896.zip
<MWPS9>/SETUP/products/WP85_Server/repository.config
<MWPS9>/SETUP/products/JDK803/repository.config
<MWPS9>/SETUP/products/WASND90/repository.config
```

#### **EXTEND:**

```
<MWPS9>/SETUP/products/WP85_Extend/repository.config
<MWPS9>/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFI59896.zip
<MWPS9>/SETUP/products/WP85_Server/repository.config
<MWPS9>/SETUP/products/JDK803/repository.config
<MWPS9>/SETUP/products/WASND90/repository.config
```

#### WEB CONTENT MANAGER

```
<MWPS9>/SETUP/products/WP85_WCM/repository.config
<MWPS9>/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFI59896.zip
<MWPS9>/SETUP/products/WP85_Server/repository.config
<MWPS9>/SETUP/products/JDK803/repository.config
<MWPS9>/SETUP/products/WASND90/repository.config
```

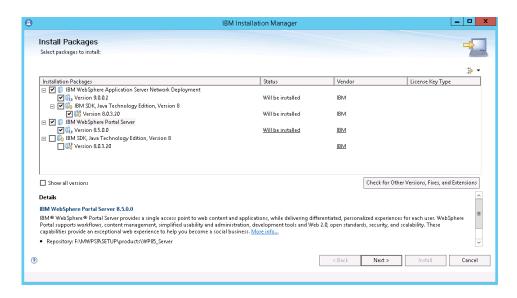
#### WEB CONTENT MANAGER STANDARD EDITION

```
<MWPS9>/SETUP/products/WP85_WSE/repository.config
<MWPS9>/SETUP/products/IFPI59896/8.5.0.0-WP-Server-IFI59896.zip
<MWPS9>/SETUP/products/WP85_Server/repository.config
<MWPS9>/SETUP/products/JDK803/repository.config
<MWPS9>/SETUP/products/WASND90/repository.config
```

#### 5. Click OK



#### 6. Click Install



NOTE: In the example, there are 2 Installation Packages of "IBM SDK, Java Technology Edition, Version 8". Only one has to be selected.

#### 7. Check the following Installation Packages

#### **SERVER:**

```
    IBM WebSphere Application Server Network Deployment
        Version 9.0.0.2
    IBM SDK, Java Technology Edition, Version 8

            Version 8.0.3.20

    IBM WebSphere Portal Server
        Version 8.5.0.0
```

#### **ENABLE:**

```
    IBM WebSphere Application Server Network Deployment
        Version 9.0.0.2
    IBM SDK, Java Technology Edition, Version 8
        Version 8.0.3.20
    IBM WebSphere Portal Server
        Version 8.5.0.0
    IBM WebpShere Portal Enable
        Version 8.5.0.0
```

#### **EXTEND:**

```
    IBM WebSphere Application Server Network Deployment
        Version 9.0.0.2
    IBM SDK, Java Technology Edition, Version 8
    Version 8.0.3.20
    IBM WebSphere Portal Server
        Version 8.5.0.0
    IBM WebpShere Portal Extend
        Version 8.5.0.0
```

#### WEB CONTENT MANAGER

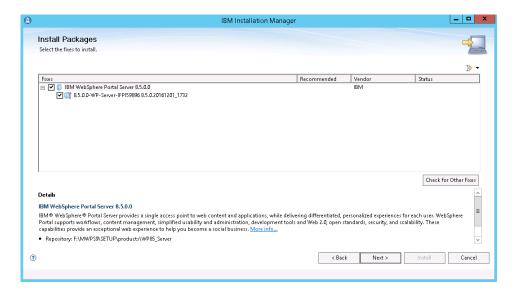
- IBM WebSphere Application Server Network Deployment

```
Version 9.0.0.2
- IBM SDK, Java Technology Edition, Version 8
- Version 8.0.3.20
- IBM WebSphere Portal Server
   Version 8.5.0.0
- IBM Web Content Manager
   Version 8.5.0.0
```

#### WEB CONTENT MANAGER STANDARD EDITION

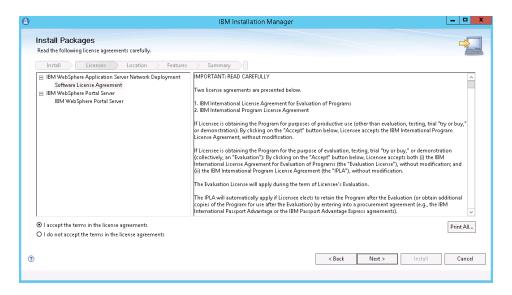
IBM WebSphere Application Server Network Deployment
 Version 9.0.0.2
 IBM SDK, Java Technology Edition, Version 8
 Version 8.0.3.20
 IBM WebSphere Portal Server
 Version 8.5.0.0
 IBM Web Content Manager Standard Edition
 Version 8.5.0.0

#### 8. Click Next

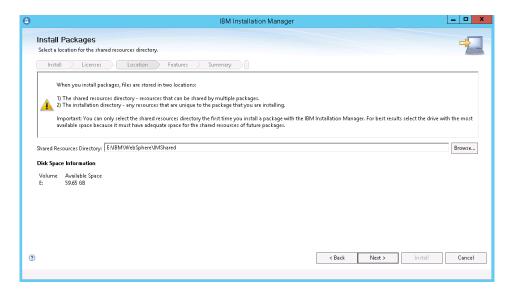


#### 9. Check the following fixes

```
- IBM WebSphere Portal Server 8.5.0.0
8.5.0.0-WP-Server-IFPI59896 8.5.0.20161201_1732
```



- 11. Select "I accept the terms in the license agreements"
- 12. Click Next



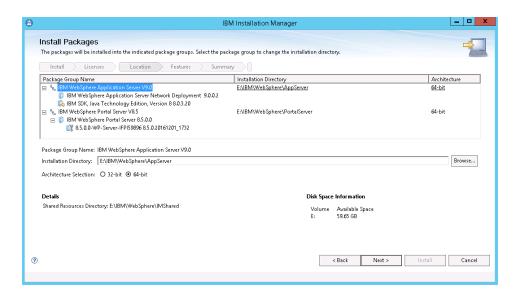
13. Verify/Browse to the Shared Resource Directory

IMSHARED = \_\_\_\_\_

#### Example:

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

NOTE: It is recommended to stay away from spaces and special characters



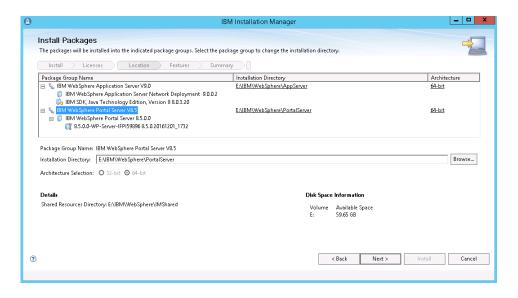
- 15. Click "IBM WebSphere Application Server V9.0"
- 16. Verify/Browse to the WebSphere Application Server installation directory

```
WAS_HOME = _____
```

#### Example:

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

NOTE: It is recommended to stay away from spaces and special characters



- 17. Click "IBM WebSphere Portal Server V8.5"
- 18. Verify/Browse to the WebSphere Portal Server installation directory

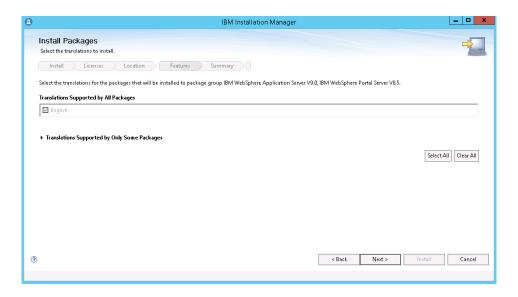
WPS HOME =	

## Example:

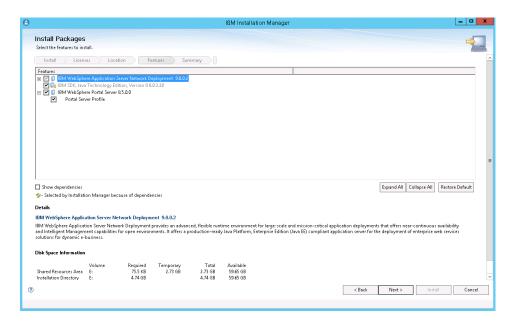
WIN	E:\IBM\WebSphere\PortalServer	
LINUX	/opt/IBM/WebSphere/PortalServer	
AIX	/usr/IBM/WebSphere/PortalServer	

## NOTE: It is recommended to stay away from spaces and special characters

#### 19. Click Next



#### 20. Click Next



# 21. Verify/Check the following Features

#### **SERVER**

```
-IBM WebSphere Application Server network Deployment 9.0.0.2
IBM SDK, Java Technology Edition, Version 8 8.0.3.20
-IBM WebSphere Portal Server 8.5.0.0
Portal Server Profile
```

#### **ENABLE**

```
-IBM WebSphere Application Server network Deployment 9.0.0.2
IBM SDK, Java Technology Edition, Version 8 8.0.3.20
-IBM WebSphere Portal Server 8.5.0.0
Portal Server Profile
IBM WebSphere Portal Enable 8.5.0.0
```

#### **EXTEND**

```
-IBM WebSphere Application Server network Deployment 9.0.0.2
IBM SDK, Java Technology Edition, Version 8 8.0.3.20
-IBM WebSphere Portal Server 8.5.0.0
Portal Server Profile
IBM WebSphere Portal Extend 8.5.0.0
```

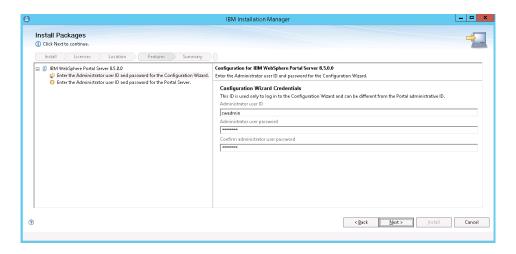
#### WEB CONTENT MANAGER

```
-IBM WebSphere Application Server network Deployment 9.0.0.2
IBM SDK, Java Technology Edition, Version 8 8.0.3.20
-IBM WebSphere Portal Server 8.5.0.0
Portal Server Profile
IBM Web Content Manager 8.5.0.0
```

#### WEB CONTENT MANAGER STANDARD EDITION

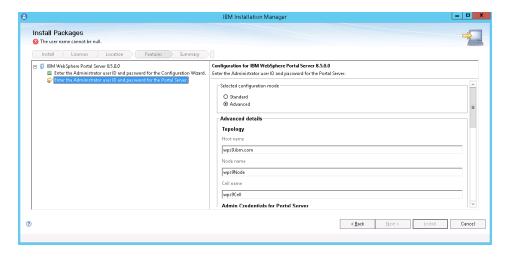
```
-IBM WebSphere Application Server network Deployment 9.0.0.2
IBM SDK, Java Technology Edition, Version 8 8.0.3.20
-IBM WebSphere Portal Server 8.5.0.0
Portal Server Profile
IBM Web Content Manager Standard Edition 8.5.0.0
```

#### 22. Click Next



23. Enter the Configuration Administrative User and password

CWADMIN =	
CWPWD =	
Example: cwadmin/XXXX	



- 25. Select the Configuration Mode. In this document, Advanced was selected to display the additional configuration options
  - o Standard minimum configuration
  - Advanced additional configuration
- 26. Verify/Enter the Host name

Example: wps9.ibm.com

27. Verify/Enter the Node name

WP\_NODENAME = \_\_\_\_\_

Example: wps9Node

28. Verify/Enter the Cell name

WP\_CELLNAME = \_\_\_\_\_

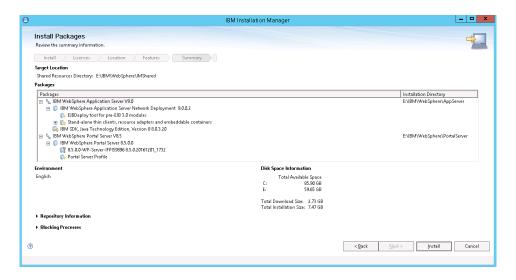
Example: wps9Cell

	Administrator user ID
	wpadmin
	Administrator user password
	*****
	Confirm administrator user password
	*****
	Enter the Administrator User ID. This user will be used for WebSphere Application Server and WebSphere Portal Server  WPADMIN =  Example: wpadmin
	Example: wpadmin
).	Enter the Password for the Administrator user ID.
	WPPWD =
	URI
	Context root
	wps
	Default home
	portal
	Personalized home
	myportal
	Verify/Enter the Context root for WebSphere Portal Server
•	
	Verify/Enter the Context root for WebSphere Portal Server
	Verify/Enter the Context root for WebSphere Portal Server  WP_CONTEXTROOT =

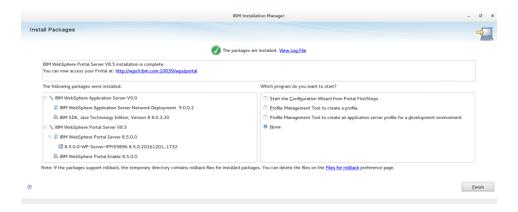
33. Verify/Enter the Personalized home for the WebSphere Portal Server

	Profile	
	Profile name	
	wp_profile	
	Starting port number	
	10012	•
	Profile path	
	E:\IBM\WebSphere\wp_profile	Browse
•	WPPROFILE_NAME =	
	WPPROFILE_NAME =	
	WPPROFILE_NAME =  Example: wp_profile	
35.	WPPROFILE_NAME =  Example: wp_profile  Verify/Enter the starting port number	file
35.	WPPROFILE_NAME =  Example: wp_profile  Verify/Enter the starting port number  Example: 10012	file
35.	WPPROFILE_NAME =  Example: wp_profile  Verify/Enter the starting port number  Example: 10012  Verify/Browse the profile path for the WebSphere Portal Server pro  WP_PROFILE =	file
35.	WPPROFILE_NAME =  Example: wp_profile  Verify/Enter the starting port number  Example: 10012  Verify/Browse the profile path for the WebSphere Portal Server profile	file

NOTE: It is recommended to stay away from spaces and special characters



- 38. Verify the Installation Packages and directory location. If the inforation is incorrect, click back and correct the problem
- 39. Click Install



- 40. Select "None" under "Which program do you want to start?"
- 41. Click Finish



42. Installation Manager can be closed.

# 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

Example: WINDOWS

E:\IBM\WebSphere\AppServer\profiles\cw\_profile\bin\stopServer.bat server1 -user cwadmin -password XXXX

Example: LINUX

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

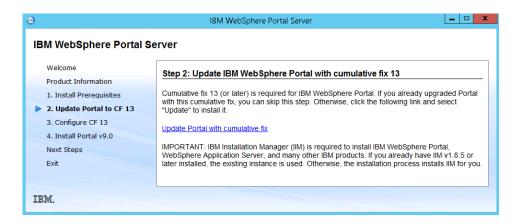
Example: LINUX

Example: AIX

/usr/IBM/WebSphere/wp\_profile/bin/stopServer.sh WebSphere\_Portal
-user wpadmin -password XXXX

- 4. On the WebSphere Portal Server, start the launchpad with one of the options
  - Continue using the launchpad from the previous step
  - o Run the setup from the WebSphere Portal 9 media files

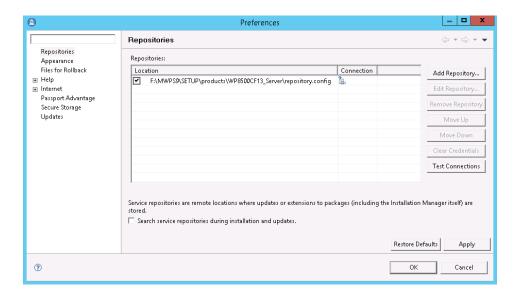
WIN F:\MWPS9\SETUP\setup64.exe
LINUX /opt/tmp/MWPS9/SETUP/setup.sh
AIX /usr/tmp/MWPS9/SETUP/setup.sh



- 5. Click "Update Portal to CF 13" on the left menu
- 6. On the right panel, click "Update Portal with cumlative fix" link



7. Click File > Preferences...



- 8. Click Repositories on the left menu
- 9. Verify/Add the following repository

<MWPS9>/SETUP/products/WP8500CF13 Server/repository.config

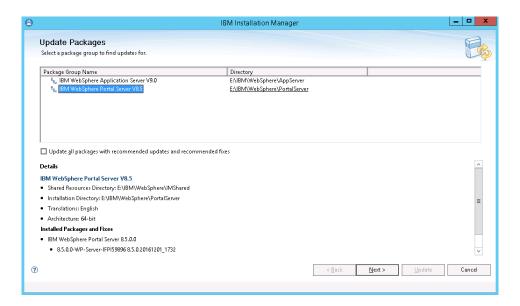
#### Example:

WIN F:\MWPS9\SETUP\products\WP8500CF13\_Server\repository.config
LINUX /opt/tmp/MWPS9/SETUP/products/WP8500CF13\_Server/repository.config
AIX /usr/tmp/MWPS9/SETUP/products/WP8500CF13 Server/repository.config

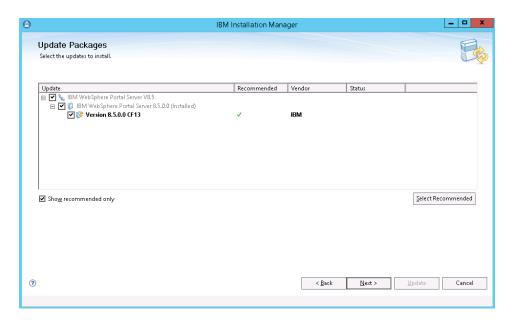
- 10. Uncheck "Search service repositories during installation and updates."
- 11. Click OK

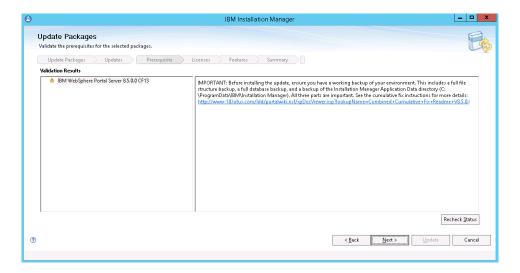


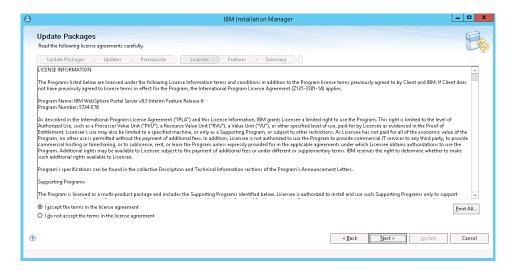
12. Click Update



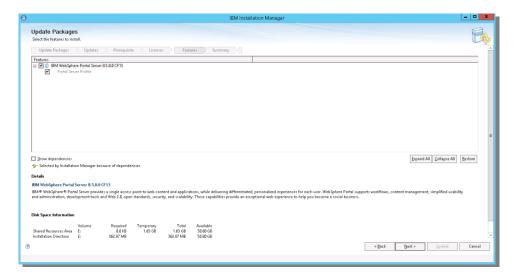
- 13. Under Package Group Name, select "IBM WebSphere Portal Server V8.5"
- 14. Click Next

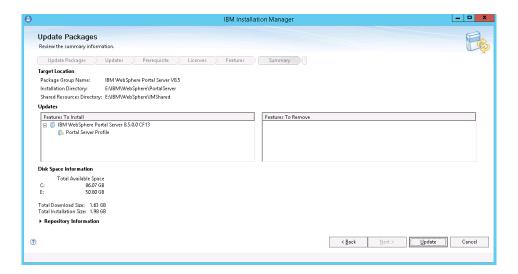






- 17. Select "I accept the terms in the license agreement"
- 18. Click Next





## 20. Click Update



#### 21. Click Finish

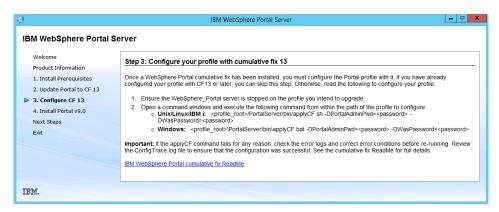


22. Installation Manager can be closed.

# 6 Configure CF 13

- 1. On the WebSphere Portal Server, start the launchpad with one of the options
  - o Continue using the launchpad from the previous step
  - o Run the setup from the WebSphere Portal 9 media files

WIN F:\MWPS9\SETUP\setup64.exe
LINUX /opt/tmp/MWPS9/SETUP/setup.sh
AIX /usr/tmp/MWPS9/SETUP/setup.sh



- 2. Click "Configure CF 13" on the left menu
- 3. Login to the WebSphere Portal file system
- 4. Verify/Stop the WebSphere Portal Server

#### Example: WINDOWS

E:\IBM\WebSphere\wp\_profile\bin\stopServer.bat WebSphere\_Portal
-user wpadmin -password XXXX

#### Example: LINUX

#### Example: AIX

/usr/IBM/WebSphere/wp\_profile/bin/stopServer.sh WebSphere\_Portal -user wpadmin -password XXXX

5. 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=wpadmin -DWasPassword=XXXX

## Example: LINUX

/opt/IBM/WebSphere/wp\_profile/PortalServer/bin/applyCF.sh - DPortalAdminPwd=wpadmin -DWasPassword=XXXX

#### Example: AIX

/usr/IBM/WebSphere/wp\_profile/PortalServer/bin/applyCF.sh - DPortalAdminPwd=wpadmin -DWasPassword=XXXX

#### 6. After the script is complete, verify the results

```
BUILD SUCCESSFUL

isIseries currently set to: null

update-registry-sync-property:
        [echo] updated RegistrySynchronized in file wkplc.properties
with value: true

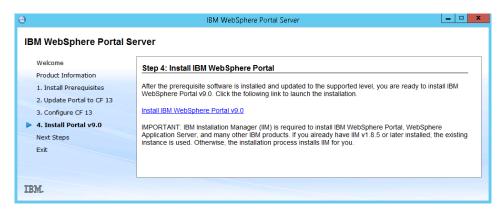
print-final-message:
return code = 0
deleting temporary files

SUCCESS: Update to Cumulative Fix CF13 completed successfully.
```

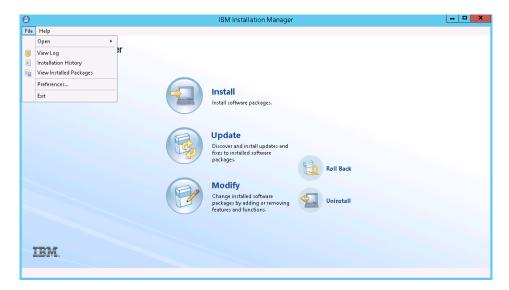
# 7 Install Portal v9.0

- 1. Login to the WebSphere Portal Server file system
- 2. On the WebSphere Portal Server, start the launchpad with one of the options
  - o Continue using the launchpad from the previous step
  - o Run the setup from the WebSphere Portal 9 media files

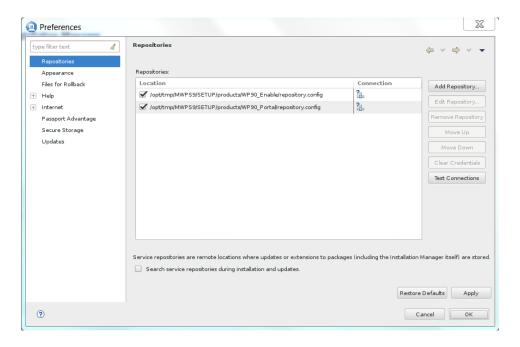
WIN F:\MWPS9\SETUP\setup64.exe
LINUX /opt/tmp/MWPS9/SETUP/setup.sh
AIX /usr/tmp/MWPS9/SETUP/setup.sh



- 3. Click "Install Portal v9.0" on the left menu
- 4. On the right panel, click "Install IBM WebSphere Portal v9.0" link



- 5. Click File > Preferences...
- 6. Click Repositories on the left menu



7. Verify/Add the following repositories

#### SERVER:

<MWPS9>/SETUP/products/WP90 Portal/repository.config

#### ENABLE:

<MWPS9>/SETUP/products/WP90\_Enable/repository.config <MWPS9>/SETUP/products/WP90 Portal/repository.config

#### **EXTEND:**

<MWPS9>/SETUP/products/WP90\_Extend/repository.config <MWPS9>/SETUP/products/WP90\_Portal/repository.config

#### WEB CONTENT MANAGER

<MWPS9>/SETUP/products/WP90 WCM/repository.config
<MWPS9>/SETUP/products/WP90\_Portal/repository.config

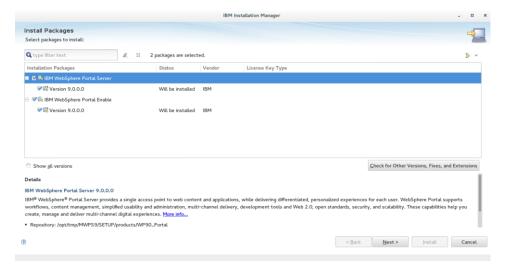
### WEB CONTENT MANAGER STANDARD EDITION

<MWPS9>/SETUP/products/WP90\_WSE/repository.config
<MWPS9>/SETUP/products/WP90 Portal/repository.config

- 8. Uncheck "Search service repositories during installation and updated
- 9. Click OK



### 10. Click Install



# 11. Check the following Installation Packages SERVER:

IBM WebSphere Portal Server Version 9.0.0.0

### **ENABLE:**

IBM WebSphere Portal Server
 Version 9.0.0.0
IBM WebSphere Portal Enable
 Version 9.0.0.0

#### **EXTEND:**

IBM WebSphere Portal Server
 Version 9.0.0.0
IBM WebSphere Portal Extend
 Version 9.0.0.0

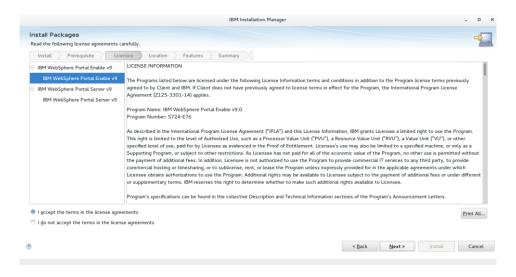
### WEB CONTENT MANAGER

IBM WebSphere Portal Server
 Version 9.0.0.0
IBM Web Content Manager
 Version 9.0.0.0

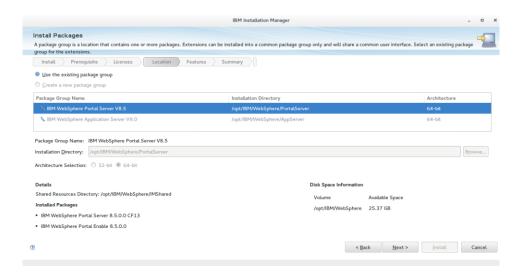
### WEB CONTENT MANAGER STANDARD EDITION

IBM WebSphere Portal Server
 Version 9.0.0.0
IBM Web Content Manager Standard Edition
 Version 9.0.0.0

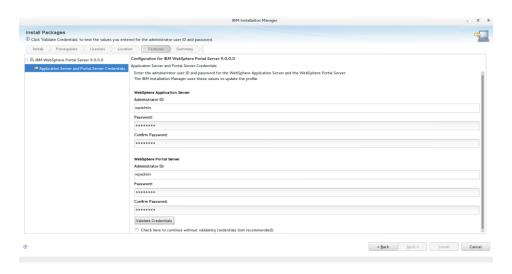
### 12. Click Next



- 13. Select "I accept the terms in the license agreements"
- 14. Click Next



15. Click Next



16. Enter the Administrator ID and Password for WebSphere Application Server

WASADMIN =	 	
WASPWD =		

NOTE: By default, the Administrator ID and password for the WebSphere Application Server matches the Administrator ID and password of the WebSphere Portal Server

Example: wpadmin/xxxx	Example:	wpadmin/XXXX			
-----------------------	----------	--------------	--	--	--

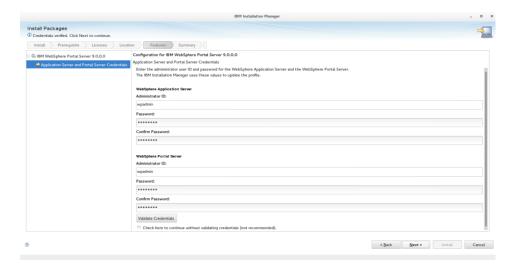
17. Enter the Administrator ID and Password for WebSphere Portal Server

WPADMIN =	

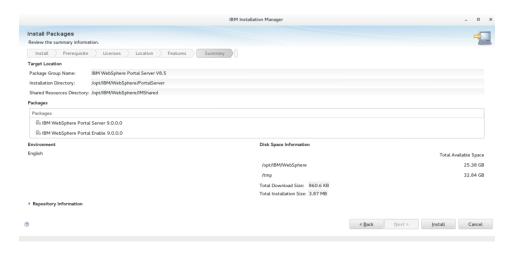
WPPWD =	=
WPPWD =	=

Example: wpadmin/XXXX

# 18. Click Validate Credentials



# 19. Click Next



### 20. Click Install



# 21. Click Finish

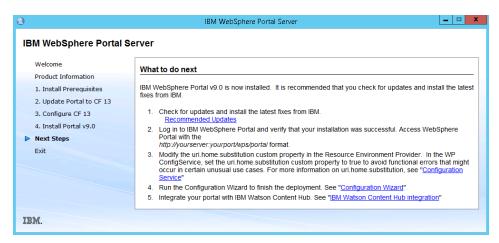


22. Installation Manager can be closed.

# 8 Next Steps

- 1. On the WebSphere Portal Server, start the launchpad with one of the options
  - Continue using the launchpad from the previous step
  - o Run the setup from the WebSphere Portal 9 media files

WIN F:\MWPS9\SETUP\setup64.exe
LINUX /opt/tmp/MWPS9/SETUP/setup.sh
AIX /usr/tmp/MWPS9/SETUP/setup.sh



# 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 <a href="http://yourserver:yourport/wps/portal">http://yourserver:yourport/wps/portal</a> 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
  - o uri.home.substitution = true
- d. Restart WebSphere Portal

# 8.4 Configuration Wizard

Run the Configuration Wizard to finish the deployment. See
 <a href="http://www.ibm.com/support/knowledgecenter/SSHRKX\_8.5.0/mp/config/cw\_overview.html">http://www.ibm.com/support/knowledgecenter/SSHRKX\_8.5.0/mp/config/cw\_overview.html</a>

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 <a href="http://www.ibm.com/support/knowledgecenter/SSHRKX\_8.5.0/mp/integrate/int\_dch.html">http://www.ibm.com/support/knowledgecenter/SSHRKX\_8.5.0/mp/integrate/int\_dch.html</a>

# 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

- 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\\\debSphere\AppServer\profiles\cw_profile\bin\stopServer.bat server1 -user cfgadmin -password passwOrd ADMU01161: Tool information is being logged in file E:\IBM\\\depSphere\AppServer\profiles\cw_profile\logs\server1\stopServer.log ADMU01281: Starting tool with the cw_profile profile ADMU01281: Starting tool with the cw_profile profile ADMU0101: Reading configuration for server: server1 ADMU012011: Server stop request issued. Waiting for stop status. ADMU01001: 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

```
IVER0010I: 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
                    /opt/IBM/WebSphere/PortalServer
Version Directory
                    /opt/IBM/WebSphere/PortalServer/version
                    /opt/IBM/WebSphere/PortalServer/version/dtd
OTD Directory
                    /opt/IBM/WebSphere/PortalServer/version/logs
Log Directory
Technology List
MP
               installed
MP9
               installed
VCM
               installed
CFGFW
               installed
Installed Product
               IBM WebSphere Portal MultiPlatform
Name
Version
Installed Fix CF13
ID
Build Level
               20161208-1058 2016-12-08
Build Date
               12/08/2016
Package
               com.ibm.websphere.PORTAL.ENABLE.v85
name
               IBM WebSphere Portal Enable
kind
               8.5.0.20140424_2150
version
Installed Features
                      enable.upsell
Package
               com.ibm.websphere.PORTAL.ENABLE.v90
name
               IBM WebSphere Portal Enable
kind
               9.0.0.20161208_1438
version
Installed Features
                      ext9.upsell
Package
               com.ibm.websphere.PORTAL.SERVER.v85
               IBM WebSphere Portal Server
name
               offering
8.5.0.20161208_1514
version
Installed Features
                       Config Engine
                       Portal Server Binary
Portal Server Profile
Installed Features
Installed Features
Package
               com.ibm.websphere.PORTAL.SERVER.v90
id
               IBM WebSphere Portal Server
name
kind
               9.0.0.20161208 1437
                      portal9.upsell
Installed Features
Installed Component
               IBM Web Content Manager
Name
Version
Installed Fix CF13
               WCM
               WP8.5_integration_20161208-1058
Build Level
Build Date
               12/08/2016
```

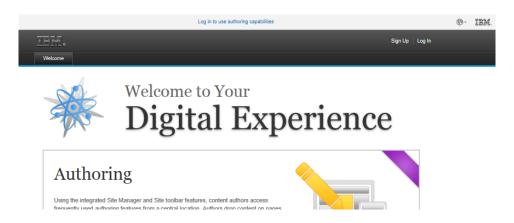
```
Installed Component

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



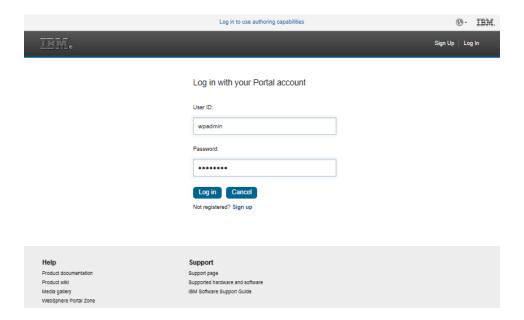
2. Open a browser and set the URL to the WebSphere Portal URL

http://<HOSTNAME>:<PORT>/<CONTEXTROOT>/<DEFAULTHOME URI>

### Example:

http://wps9.ibm.com:10039/wps/portal

3. Click Log In



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

Welcome to Your

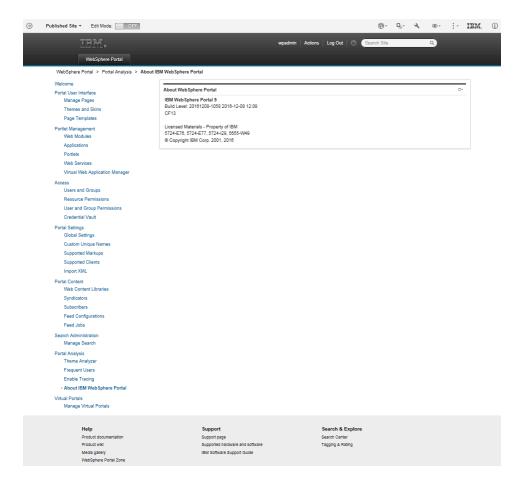
Digital

Experience

Content Targeting

Infine content targeting and festing services increase the effectiveness of your web pages, portlets, and web content. Analytics overlays deliver real-time customer insights to optimize undernet interactions and digital marketing activities.

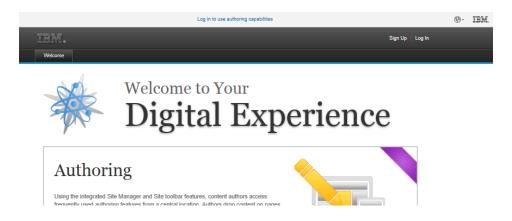
5. Click the "Open portal administration" icon  $\overset{\bullet}{\longrightarrow}$  on the top right icon list



- 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

1. Verify/Start the WebSphere Portal Server



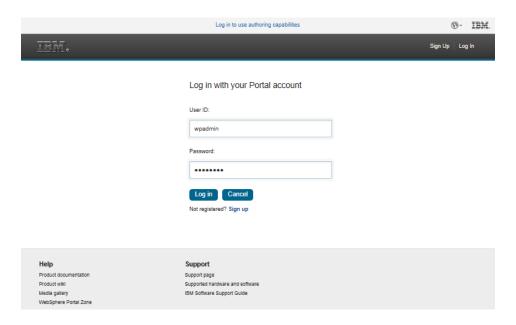
2. Open a browser and set the URL to the WebSphere Portal URL

http://<HOSTNAME>:<PORT>/<CONTEXTROOT>/<DEFAULTHOME URI>

### Example:

http://wps9.ibm.com:10039/wps/portal

3. Click Log In



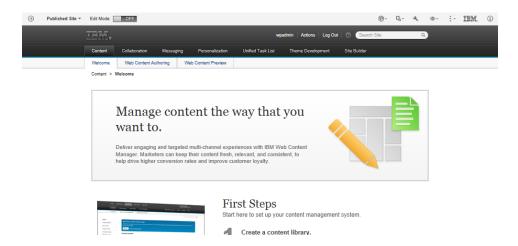
4. Login with the Administrator User ID and password that was set during installation. This will be the current WebSphere Portal Administrator

# Example:

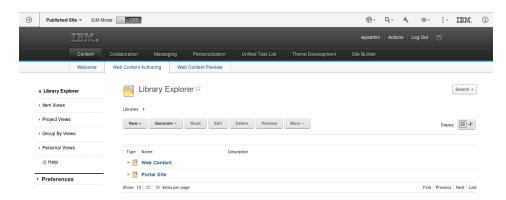
wpadmin/XXXX



- 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:	
cwadmin	
Password:	
•••••	
Log in	

7. Login with the Configuration Wizard credentials that were set during installation.

### Example:

cwadmin/passw0rd

