JD Edwards EnterpriseOne

IBM WebSphere Portal Reference Guide Release 9.1.x E21054-04

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JD Edwards EnterpriseOne IBM WebSphere Portal Reference Guide, Release 9.1.x

E21054-04

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Preface

Welcome to the JD Edwards EnterpriseOne Tools IBM WebSphere Portal Reference Guide.

Audience

This guide is intended for system administrators and technical consultants who are responsible for the administration of the IBM WebSphere portal.

This guide assumes you have a working knowledge of the following:

- The IBM WebSphere portal.
- The principles and customary practices of your business area.
- Computer desktop application usage and terminology.

Documentation Accessibility

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Related Documents

You can access related documents from the JD Edwards EnterpriseOne Release Documentation Overview pages on My Oracle Support. Access the main documentation overview page by searching for the document ID, which is 876932.1, or by using this link:

https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=876932.1

To navigate to this page from the My Oracle Support home page, click the Knowledge tab, and then click the Tools and Training menu, JD Edwards EnterpriseOne, Welcome Center, Release Information Overview.

This guide contains references to server configuration settings that JD Edwards EnterpriseOne stores in configuration files (such as jde.ini, jas.ini, jdbj.ini, jdelog.properties, and so on). Beginning with the JD Edwards EnterpriseOne Tools Release 8.97, it is highly recommended that you only access and manage these settings for the supported server types using the Server Manager program. See the *Server Manager Guide*.

Conventions

Convention	Meaning
Bold	Indicates field values.

The following text conventions are used in this document:

Italics	Indicates emphasis and JD Edwards EnterpriseOne or other book-length publication titles.
Monospace	Indicates a JD Edwards EnterpriseOne program, other code example, or URL.

1

Understanding This Guide

The *JD Edwards EnterpriseOne IBM WebSphere Portal Reference Guide* covers the IBM WebSphere Portal technology.

1.1 Using this Guide

The JD Edwards EnterpriseOne IBM WebSphere Portal Reference Guide is meant to be used to supplement the use of the IBM WebSphere Portal with Oracle JD Edwards portlets and WSRP technology. This guide is not meant to be read front to back. Instead, the user should skip to the necessary parts and use them with other guides that more fully detail the various install processes. The necessary supplementary guides include:

- JD Edwards EnterpriseOne Server Manager Guide
- JD Edwards EnterpriseOne Tools IBM WebSphere Portal for IBM i for Power Systems Guide
- JD Edwards EnterpriseOne Tools IBM WebSphere Portal for Unix Guide
- JD Edwards EnterpriseOne Tools IBM WebSphere Portal for Windows Guide

1.2 Accessing Minimum Technical Requirements

Customers must conform to the supported platforms for the release as detailed in the Certifications for JD Edwards EnterpriseOne. In addition, JD Edwards EnterpriseOne may integrate, interface, or work in conjunction with other Oracle products. Refer to the following link for cross-reference material in the Program Documentation for Program prerequisites and version cross-reference documents to assure compatibility of various Oracle products:

http://www.oracle.com/corporate/contracts/index.html

Access the Certifications from My Oracle Support (https://support.oracle.com) by searching for this product from the Certification tab:

JD Edwards EnterpriseOne Portal

1.3 EnterpriseOne Portal Solutions Overview

EnterpriseOne Tools Release 9.1 supports these Portal Servers:

- Oracle WebCenter
- IBM WebSphere Portal 7.0

On each portal, EnterpriseOne tools release 9.1 supports the WSRP solution.

This guide has the following parts.

- Part 1 covers the EnterpriseOne portal solutions for WebSphere Portal.
- Part 2 covers installing the collaborative portal.

Depending on the combination of JD Edwards EnterpriseOne Applications and Tools Release levels, the availability of the different portal solutions can be referred to in the Product Certifications.

Part I

Administering WSRP Producers with IBM WebSphere Portal

This part of the guide covers the JD Edwards EnterpriseOne portal solution for WebSphere Portal v7.0 is based on the Web Services for Remote Portlets (WSRP) standards. Refer to "EnterpriseOne Portal Solutions Overview" section for other portal solutions available with EnterpriseOne. This solution is only available for JD Edwards EnterpriseOne Application Release 9.1 and beyond.

Understanding WSRP

This chapter helps you understand WSRP.

2.1 Understanding WSRP

Two foundational terminologies in Web Services for Remote Portlets (WSRP) standards are Producer and Consumer. The Producer is a web service that offers one or more portlets and implements various WSRP interfaces and operations. In the JD Edwards EnterpriseOne solution, the JD Edwards EnterpriseOne HTML Web Server is the WSRP producer.

The Consumer is a web service client that invokes producer-offered WSRP web services and provides an environment for users to interact with portlets offered by one or more producers. In the JD Edwards EnterpriseOne solution, IBM WebSphere Portal Oracle WebCenter are the WSRP consumers that are used to display and group multiple JD Edwards EnterpriseOne portlets as well as portlets provided by other WSRP producers.

3

Administering WSRP Producers with IBM WebSphere Portal

The following administrative tasks are covered in this chapter:

- Section 3.1, "Setting up the URL Rewrite Option on the Producer"
- Section 3.2, "Turning off WSRP Producer Compression"
- Section 3.3, "Registering a New Non-SSL WSRP Producer"
- Section 3.4, "Registering a New SSL WSRP Producer"
- Section 3.5, "Setting up the Consumer"
- Section 3.6, "Adding Portlets to Page from Registered WSRP Producer"

Note: To implement the EnterpriseOne WSRP portal for WebSphere Portal v7.0, first you need to install and configure the EnterpriseOne HTML Server on a WebSphere Application Server v7.0. Follow the HTML Server installation guide to install the HTML Server. Test the HTML Server to ensure it functions properly before carrying out the following steps. The fully functional HTML Server is going to be the WSRP Producer for the following steps, described below.

3.1 Setting up the URL Rewrite Option on the Producer

To use JD Edwards EnterpriseOne portlets in the IBM WebSphere Portal v7.0, the "URL Rewrite" option must be set. Follow the steps below to perform this task:

To set up the URL Rewrite option on the producer:

Note: The steps below must be performed on the JD Edwards EnterpriseOne HTML Web Server.

1. Sign onto the WebSphere Admin Console on your producer.

C n d http://dnhpbl13.mlab.jdedwards.com.9060/ibm/console/login.do				
Integrated Solutions Console Welcome wasadmin				Help Logout
View: All tasks	Cell=dnhpbl13Node01Cell, Profil	e=AppSrv01		
 Welcome 	Application servers			<u> </u>
Guided Activities	Application servers			
E Servers	Use this page to view a list of the application servers in your environment and the status of each of these servers. You can also use this page to			
Server Types	Preferences	c approactor annon.		
 WebSphere MQ servers Web servers 	* *			
Applications	Name 🗘	Node 🗘	Host Name 🗘	Version 0
Services	You can administer the follow	wing resources:		
Resources	CES 15 8080>	dnhpbl13Node01	dnhpbl13.mlab.jdedwards.com	ND 7.0.0.11
R Security	AS 25 8081	dnhpbl13Node01	dnhpbl13.mlab.jdedwards.com	ND 7.0.0.11
Environment	AS 35 8082 Hyperion	dnhpbl13Node01	dnhpbl13.mlab.jdedwards.com	ND 7.0.0.11
D Surteen administration	serveri	dnhpbl13Node01	dnhpbl13.mlab.jdedwards.com	ND 7.0.0.11
E bystem sommistration	Total 4			
E Users and Groups				
Monitoring and Tuning				
Troubleshooting				
E Service integration				

- **2.** Select Session Management.
- **3.** Select the "Enable URL rewriting" option.
- 4. Select OK.

Integrated Solutions Console Welcome wasadmin		Help 1
Views All tasks	Cell=dnhpbl13Node01Cell, Profile=AppSrv01	
- Welcome	Application servers	2
Guided Activities	Application servers > A5_35_8080 > Session management	
E Servers	Use this page to configure session manager properties to control the behav	ior of Hypertext Transfer Protocol (HTTP) session support. The
Server Types WebSphere application servers WebSphere MQ servers WebSphere MQ servers Web servers	settings apply to both the SIP container and the Web container. Configuration General Properties	Additional Properties
Applications	- Cassion tracking machanisms	Carbon constitue
Services	Enable CGI 10 tracking	Distributed environment settings
Resources	C enable sst. ib tracking	Manufacture and an and a strained
E Security	Enable cookies	
Environment	Enable URL rewriting	
System administration	Enable protocol switch rewriting	
E Users and Groups	Maximum in-memory session counts	
Monitoring and Tuning	1000 sessions	
I Troubleshooting	Aller cuedler	
Service integration		
E UDDI	Session timeout:	
	No timeout Set timeout	
	Security integration	
	Serialize session access Allow serial access Maximum nall time Seconds Allow access on timeout	
	Apply OK Reset Cancel	

- **5.** Select Save.
- **6.** Restart the server.

← → C fi ☆ http://dnhpbl13.mlab.	jdedwards.com.9060/ibm/console/login.do	
Integrated Solutions Console Welcome wasadmin		Help Logout
Views All tasks	Cell=dnhpbl13Node01Cell, Profile=AppSrv01	
- Welcome	Application servers	2
Guided Activities	Messages	
E Servers	The session management changes apply to bo	th the SIP container and the Web container.
 Server Types WebSphere application servers WebSphere MQ servers Web servers 	Changes have been made to your local configu asys_directly to the master configuration. Review changes before saving or discarding. Ar The server may need to be restarted for these	ration. You can: changes to take effect.
Applications		
Services	Application servers > AS_35_8080	
Resources	Use this page to configure an application server. An application server is	a server that provides services required to run enterprise applications.
Security	Configuration	
Environment		
System administration		
Users and Groups	General Properties	Container Settings
Monitoring and Tuning	Name	 Session management
Troubleshooting	AS_25_8080	SIP Container Settings
Service integration	Node name	Web Container Settings
E nooi	dnhpbl13Node01	Portiet Container Settings
	Run in development mode	EJB Container Settings
		Container Services
	🗹 Parallel start	Business Process Services
	Start components as needed	Applications
	Access to internal server classes	Installed applications
	Server-specific Application Settings	perver messaging
	Classicader policy	 Messaging engines Messaging engine inhound transports
	Multiple 💌	WebSphere MO link inbound transports
	Class loading mode	- SIB service
	Classes loaded with parent class loader first	Server Infrastructure

3.2 Turning off WSRP Producer Compression

The WSRP producer needs to have compression turned off as the WSRP Portals are not able to handle compressed resources such as Javascript, CSS... etc.

This means that the Java Application Server (JAS) server that is designated as the WSRP producer must have the JAS compression turned off. Please ensure the "EnableCompression" setting is set to false with server manager.

This also means that other means of compression cannot be used on the JAS WSRP producer instance (for example compression by means of HTTP Server ...etc.).

3.3 Registering a New Non-SSL WSRP Producer

1. Login into the IBM WebSphere Portal v7.0 using an Administrative account (an ID that belongs to the wpsadmins group). This should bring up the Administration portlet, if it does not, click on the Administration link on the top.



2. Click on the "Web Services" link from the Portlet Management portlets.

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ORACLE' JD Edwards	EnterpriseOne		
Home PAdministration	Search Center Tag Center	wpsadmin Edit	My Profile Help L
Administration WebSpher	re Portal		al Sources
Welcome Portal User Interface Manage Pages Themes and Skins Theme Customizer Site Management Page Templates Porter Management Web Modules Applications Portles	Web Service Configuration ELPABODOS: No results were Search by Title starts with Producer Click New Producer to o Producer. K. New Producer	e found from the search query condition. Search Search create a new Producer. Click Edit to edit the properties of the Producer. Click Delete to remove the Producer. Click Assign access to allow others to	to work with the
Web Services	Title	Description In use	WSRP version
Web Clipping Access Users and Groups Resource Permissions User and Group Permissions Credential Vault Resource Pelicies	There are no entries to display.		

3. Click the New Producer button.

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Web Services Title	Description In use	WSRP version
Web Clipping There a Vises and Groups Resource Permissions	no entries to display.	
User and Group Permissions Credential Vault		

4. Type in a Title for the producer and the URL to WSDL service definitions. The URL is of the following format: http://<Producer_JAS_Host>:<Producer JAS Port>/jde/wsdl/oasis/names/tc/wsrp/v1/bind/wsrp_service.wsdl (for example, http://DENQAS8:92/jde/wsdl/oasis/names/tc/wsrp/v1/bind/wsrp_ service.wsdl) when this URL is accessed in the browser it should bring up an XML source as shown above. Click Next button.

😪 🔹 🖸 Orade 3D Edwards Enterpris 🏀 http://dengas8.mlab.jde 🗙	Hoge 🔹 🔯 Hoge 🔹 🔯 Fridd (1) 👘 Read Mail 👘 Pyint 🔹 Bag
xml version="1.0" encoding="UTF-8" ? = </td <td></td>	
Copyright 2003-2005 The Apache Software Foundation	02.
Licensed under the Apache License, Version 2.0 (you may not use this file except in compliance w You may obtain a copy of the License at	the "License"); ith the License.
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Unless required by applicable law or agreed to in distributed under the License is distributed on a WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, ei See the License for the specific language govern limitations under the License.	n writing, software am "AS IS" BASIS, ther express or implied. ing permissions and
 - <seld "="" definitions="" http:="" schemas.xmlsoap.org="" targe<br="" wsdl="" xmlns="http://schemas.xmlsoap.org/ws/
xmlns:wsdl=">cimport location="wsrp_v1_bindings.wsdl" namespace="tu- exed:service name="WSRPService"></seld> - <seld:wsdl:service name="WSRPService"></seld:wsdl:service> - <seld:service name="WSRPService"></seld:service> - <seld:service name="turne"></seld:service> 	dl/* xmlns:bind="urn:oasis:names:tc:wsrp:v1:bind" xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/* tMamespace="urn:oasis:names:tc:wsrp:v1:wsdl"> urn:oasis:names:tc:wsrp:v1:bind" /> iOAP* name="WSRPBaseService"> ervices/WSRPBaseService"> ervices/WSRPBaseService"> a_Binding_SOAP* name="WSRPServiceDescriptionService"> ervices/WSRPServiceDescriptionService">

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Home Search Center Tag Center					
Administration WebSphe	re Portal				
Velcome Velcome Portal User Interface Manage Pages Themes and Skins Theme Customizer Site Management Page Templates Portlet Management Web Modules Applications Portlets	Web Service Configuration New Producer Title: WSRP_Producer_DENQAS8_92 Description: WSRP Producer on DENQAS8 at port 92				
Web Services Web Clipping Veb Clipping Access Users and Groups Resource Permissions User and Group Permissions Credential Vault Resource Policies Portal Settings Global Settings URL Mapping Custom Unique Names	URL to WSDL service definitions: http://DENQAS8:92/jde/wsdl/oasis/names/tc/wsrp/v1/bind/wsrp_ser I want to specify the user attributes that should be passed to this Producer. Next Cancel				

5. Click the next button again to proceed.

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Themes and Skins	EJPAM10821: Producer ws	d file processed successfully.				
Theme Customizer Site Management Page Templates	Security settings for Produce Click Edit to set the transpor	t URLs and other security information	for this Producer.			
Portiets	D. 4	0	0		A	Page 1 of 1
Web Services	Portname Cession description	Supports HTTP	Supports HTTP'S	Selected Transport	Security profile	
Web Capping	Management	¥		niir		
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Portlets	THE	Department in the second secon	Pag	e 1 of 1
Web Services Web Clipping	WSRP_Producer_DENQAS8_92	WSRP Producer on DENQAS8 at port 92	V1	282
 Access Users and Groups 			Pag	e 1 of 1

The new producer will display in the list once it is registered.

3.4 Registering a New SSL WSRP Producer

This section will discuss the prerequisites and the steps to register a new SSL WSRP producer.

3.4.1 Before You Begin

- **1.** If you have configured an SSL protocol in your producer, make sure the https URL is working correctly.
- 2. Modify the "soap:address location" with the SSL URL in the wsrp_service.wsdl file in ../webclient.war/wsdl/oasis/names/tc/wsrp/v1/bind folder.

- **3.** Login to the WebSphere Portal Integrated Solution Console.
- 4. Select "SSL certificate and key management" from the "Security" section.
- Click "key Stores and certificates" -> "NodeDefaultTrustStore" -> "Singer certificates".
- 6. Click "Retrieve from port".
- 7. Enter the SSL server and port, and then enter an Alias for this key.
- 8. Click the "Retrieve singer information" button.

Note: If the Portal Server cannot retrieve the certificate automatically, you can export and save the producer's certificate in "Base_64 encoded X.509" format to ../WebSphere/wp_portal/etc folder. Then select the "Add" button from "Signer certificate" option. Enter the Alias and the certificate file name and click "Apply".

- 9. Review the certification information and click "OK".
- **10.** Click "Save" to update the master configuration.

3.4.2 Register a New SSL WSRP Producer

- 1. Login to the WebPort Portal Server with Administrator privilege.
- 2. Click on the "Web Services" link from the Portlet Management portlets.

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3. Click the New Producer button.

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Welcome Portal User Interface Manage Pages Theme and Skins Theme Customizer Site Management Page Templates Porter Management Web Modules Applications	Web Service Configuration EJPAB0009: No results were found from the search query condition. Search by Title starts with Producer Click New Producer to create a new Producer. Click Edit to edit the producer. New Producer New Producer	Search properties of the Producer. Click Delete to remove the Producer. Click Assign access to allow others to work with the
Web Services	Title Descr	ption In use WSRP version
Web Clopping Access Users and Groups Resource Permissions User and Group Permissions Circidential Yout Resource Policies	inere are no entries so ospray.	

Type in a Title for the producer and the URL to WSDL service definitions. The URL is of the following format: https://<Producer_JAS_Host>:<Producer_JAS_Port>/jde/wsdl/oasis/names/tc/wsrp/v1/bind/wsrp_service.wsdl

Title:	
WSRP_HTTPS	
Description:	
	~
URL to WSDL service definitions:	
URL to WSDL service definitions: https://denqas4:92/jde/wsdl/oasis/names/tc/	wsrp/v1/bind/wsrp_×

4. Click the Next button again to proceed.

La sur Annostra Produce	r wad file processed successfully	1			
Security settings for Prod	lacer: soort LIRLs and other security info	smation for this Producer			
				,	hape 1 of 1
Port name	Supports HTTP	Supports HTTPS	Selected Transport	Security profile	
		~	HTTPS		1
Service description					
Service description Management					2
Service description Management Markup		¥	HTTPS		2
Service description Management Markup Registration		×	HTTPS		NNN

5. The new producer will display in the list once it is registered.

3.5 Setting up the Consumer

To set up the consumer:

1. Select the Web Modules option underneath Portlet Management.



2. Click the Consume tab.

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3. Choose the newly added WSRP Producer.

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4. Click on the newly added WSRP Producer.

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Import XML			E	A Page 2 of 13 b b Jump to page 2	2
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- 5. Select the required portlets that you are planning to use.
- 6. Click the OK button.

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7. A message will display indicating that the Portlets are successfully consumed.

3.6 Adding Portlets to Page from Registered WSRP Producer

This section covers adding portlets to a page from a registered WSRP producer.

To add portlets to a page from a registered WSRP Producer:

Note: The following steps are performed on the IBM WebSphere Portal server.

1. Select the Manage Page option under the Portal User Interface section.



2. Select the Content Root hyperlink.

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Applications				Page 1 of 1
Portiets	Title	Unique	name or identifier Sta	tus
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3. Click the New Page button.

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Web Services	Title	Unique name or identifier	Status		
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* Access	citt-lidden Pages	ibm.portal HiddenPages	Active		
Users and Groups	em Administration	ibm.portal.Administration	Active		L 28
Resource Permissions	etttSearch Center	ibm.portal.Search	Active		
Credential Vault	ottpPage Customizer	ibm.portal.Page Customizer	Active		L 20
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URL Mapping					

4. Enter the page Title (Unique Name is optional).

es ent Root ols below to work with your pages to specify your page properties. Expand Options to choose page properties, page type tt_Page	, page layout, or page cache options.
ent Root ols below to work with your pages to specify your page properties. Expand Options to choose page properties, page type It_Page	, page layout, or page cache options.
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- **5.** Select the page theme (this is also optional, the page inherits the currently default them of the portal), select the Theme Style (this is optional).
- 6. Click OK button.
- 7. Select the Edit Page Layout icon in the same row as the newly-created page.

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8. Select the page layout by choosing one of the available layouts.

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Done	

- **9.** Select the Add portlets button.
- **10.** Search for the required portlet to be added. For example E1Menu Portlet. Click the OK Button.

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	Portlet Title	vards.com:8080	Description E1Menu	Unique na	me Remote portlet WSRP_Producer	Page 1 of 1

- **11.** Select the consumed portlets to add to the page.
- 12. Select Done.

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13. Select the newly created page to launch it. This operation should only be carried out after the installation of the Collaborative Portal software component.

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The JD Edwards EnterpriseOne menu will display, and you can access the JD Edwards EnterpriseOne applications similar to the HTML Server.

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Part II

Installing the Collaborative Portal

This part of the guide covers the JD Edwards EnterpriseOne portal solution for IBM WebSphere Portal v7.0.

Administering the Websphere Portal

This chapter discusses these topics:

- Section 4.1, "Adding users and groups in WebSphere Portal v7.0"
- Section 4.2, "Providing Access and Resource Permissions"
- Section 4.3, "Creating home page content for Non Administrative users with IBM WebSphere Portal v7.0"

4.1 Adding users and groups in WebSphere Portal v7.0

To add a group and user:

1. Login into WPS v7.0 using administration credential (i.e wpsadmin)



2. Select Users and Groups portlet under access section.

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- **3.** Click New Group button.
- **4.** Provide new group id and click OK Button.

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5. The new group is created and displayed in the list of users and groups.

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- 6. Click on New User button.
- **7.** Fill in the details and click OK button.

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8. Click on the Add Member button.

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9. Select the required users and click OK Button.

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10. A success message is displayed "EJPAL0140I: User or user group has been successfully added to the selected group." After this completes and the list of available users selected is added to this group.


Similarly, it is possible to create and add users into existing groups (i.e wpsadmins) by following the above procedure. Also, users and groups can be removed from the Manage Users and Groups portlet.

4.2 Providing Access and Resource Permissions

To providing access and resource permissions:

- 1. Login into WPS v7.0 using administration credential (i.e wpsadmin).
- 2. Navigate to Resource Permissions portlet under Access section.

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3. To provide page level permission, click Pages.

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4. Click Content Root.

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- **5.** For the added page, click the Assign Access button for the corresponding page row.
- 6. Click Display/Modify owner.

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- **7.** In the dropdown select the User Groups or Users depending what you want to filter with.
- 8. Click Search button.

- 9. Select the group you wish to assign the permission to and click OK Button.
- **10.** Example: In the image below I have selected eoneusers group.

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11. Owner successfully changed message will be displayed once this operation completes successfully "EJPAO4022I: Owner successfully changed.".

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User and Group Permissions				Page 1 of 1
Resource Policies				
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Global Settings	Apply			
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Supported Clients				
Import XML				
Portal Content				

- **12.** Finally click the Apply button to make these changes permanent.
- **13.** Click OK button in the popup.
- 14. Login into WPS v7.0 using administration credential (i.e wpsadmin).
- **15.** Navigate to Resource Permissions portlet under Access section.

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16. Click on portlets.

17. Using the search field, find the required portlet.

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- **18.** Click on the Assign Access button.
- **19.** Click on display/modify owner link.

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20. Search for the required user or group using the search field and assign permission as required. In the example below, the eoneusers group has been selected. Click OK button.

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User and Group Permissions	0	wpsadmins	
Credential Vault		eoneusers	
Resource Policies		9	tage 1 of 1
Portal Settings		,	
Global Settings URL Mapping Custom Unique Names	OK Cancel		
Supported Markups Supported Clients Import XML			
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Web-Content Libraries			
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Subscribers			
Feed Configurations			

21. A success message is displayed indicating a successful installation.

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Welcome	Resource Permissions	NH 1 milah késekeserés com 1938	•
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Web Services Web Clipping	Editor Privleged User	2 2	2
Users and Groups	User	R	Z
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22. Click on the Apply button to make these changes permanent.

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	Veb Clipping Access Users and Groups Resource Permissions	Privleged User User	R	2
	User and Group Permissions Credential Vault Resource Policies	DisplayModily Owner		Page 1 of 1

Follow similar procedure to modify and delete portlet and page permissions and content.

4.3 Creating home page content for Non Administrative users with IBM WebSphere Portal v7.0

There are two installation modes available for installing WPS v7.0:

- Base Install
- Full Install

Per IBM. base install is recommended for production setups and full install is recommended for prototyping or testing setups.

🍐 WebSphere Portal and L	Lotus Web Content Management Version 7 installation wizard 📃 🗖	×
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IBM.	Select the installation type you prefer.	
InstallShield		_
	< Back Next > Cancel	

When the Base install is carried out the default Home/Welcome page is not created, as is the case with the Full install.

The order of page resolution for any particular URI (i.e /wps/portal) is as per the order seen in the Manage Pages portlet (top to bottom):

Manage Pages				
Q Use the controls below to work with your pages. Browse or search for page layout, move, export, assign permissions and delete pages. For more information	is to work with. Click New to create new pages, labe tion, click Help.	Is and uris. Activate and deactivate page	s, re-order, ed	lit properties and
Search by Title starts with Search:	Search			
Select Page > Content Root				
Pages in Content Root Add, Edit, Delete, and Reorder pages * New Page * New Label * New Page from				
				Page 1 of 1
Title	Unique name or Identifier	Status		
othiome	ibm.portal.Home	Active		D 20
emHidden Pages	ibm.portal.HiddenPages	Active		
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emPage Customizer	ibm.portal.Page Customizer	Active	1	L 20
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emTag Center	ibm.portal.Tagging	Active	a y b	

Now based on the above image the page resolution for any matching URI is pages in Home label first, next pages in Hidden Pages label and then pages in the Administration label. It is possible to change this order by moving the labels up and down using the arrow buttons in the above portlet. Hence, for a particular non administrative user (a Portal user who is not a member of wpsadmins group) who will not have access to pages in the Administration label the resolution will be pages in Home label and pages in Hidden label.

If there are no pages available in the Home label and the user doesn't have access to pages in the Hidden label then users will notice an empty screen upon successful login into the Portal (image given below), this is when logged into the usual Portal Server URL http://<portal_server_name>:10039/wps/portal (assuming 10039 is the portal server port):

OR	ACLE JD Edwards EnterpriseOne	_
_		U
	Login	
	Welcome to the portal, SR3055490	
	This system is interested for limited (surfavoriand) use and is subject to company policies.	

In this case it is required to for the administrative user (i.e wpsadmin...etc) to create some content in the Home label which is accessible to Non Administrative users of the portal.

The administrative users of the portal can access the Administration label directly by using the below URL:

http://<portal_server_name>:10039/wps/myportal/Administration (assuming 10039 is the portal server port)

Below image shows how the Home/Welcome page can be created for Non Administrative accounts of the portal server:

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Home PAdministration	Search Center Tag Center More		Kumar Pratik Edit M	Profile Help Log
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Portal User Interface	Manage Pages			
Manage Pages Themes and Skins Theme Customizer Site Management Page Templates * Portlet Management Web Modules Accelerations	Q Use the controls below to work with your pages. Browse or se layout, move, export, assign permissions and delete pages. For a Search by [Title starts with in] Search: Select Page > Content Root > Home Pages in Home Add, Edit, Delete, and Roorder pages ★: New Page ★: New Page	arch for pages to work with. Click New to create new pages, tabels and urts. An nore information, click Help.	thate and deactivate pages, re-order	edtproperties and
Portiets				Page 1 of 1
Web Services	Title	Unique name or identifier	Status	
Web Clipping	WebSphere Portal 7.0 Home Page	id:26_160M881A009H60I9OA8A4K1003	Active	
 Access Users and Groups 				Page 1 of 1

After this is done, when Non Administrative users access the portal they will be presented with access to this created home page.



After this the Non Administrative users can proceed with their activities based on the role and permissions provided.

Understanding Collaborative Portal Installation

The following administrative tasks are covered in this chapter:

- Section 5.1, "Prerequisites for Collaborative Portal"
- Section 5.2, "Installing the Collaborative Portal"
- Section 5.3, "Uninstalling the Collaborative Portal"

After you install IBM WebSphere Portal v7.0 and related software, you need to install Collaborative Portal (CP). After installation, you can create your own portlets or run JD Edwards EnterpriseOne portlets in your portal.

5.1 Prerequisites for Collaborative Portal

This section covers the steps that must be completed before the installation can be performed. For EnterpriseOne Tools Release 9.1, consult the JD Edwards EnterpriseOne Tools 9.1 IBM WebSphere Portal v7.0 Installation Guides to complete the WPS 7.0 installation successfully.

5.1.1 Gathering Information

Gather the following information before starting the installation:

Data	Record Your Values
WebSphere Application Server administrator user ID and password (security is enabled by default)	
WebSphere Portal administrator user ID and password	
WebSphere Application Server node name for the WebSphere Portal (located in the WebSphere Administrative Console under Servers-Application Servers - typically the machine name of the server that is running WebSphere)	
WebSphere Application Server cell name (this is usually the node name unless your portal is in a clustered environment)	
WebSphere Portal Application Server name (the default value is WebSphere_Portal)	
WebSphere Portal Virtual Host name (the default value is default_host)	

Data

Record Your Values

WebSphere AppServer installation directory WebSphere Portal Server installation directory

5.1.2 Verifying a Managed Instance Exists for WAS in the Management Console

The Collaborative Portal must be installed using the EnterpriseOne Server Manager Console. Before the installation can be started, the WebSphere Application Server must be registered as a managed instance of the Server Manager Console and the status of server1 and WebSphere_Portal servers should be recognized correctly by Server Manager. Using a browser, open Server Manager for JD Edwards EnterpriseOne URL. Verify that the WebSphere managed instance has been created. If it does not exist, create it now.

5.1.3 Ensuring the WebSphere Portal Server is Installed and Operating Properly

To ensuring the WebSphere Portal Server is installed and operating properly:

- Verify that you can successfully sign in using your WebSphere Portal administrator user ID and password.
- Ensure that you can connect to the WebSphere Application Server through the WebSphere Administration Console.

5.1.4 Configuring the DummyClientTrustFile.jks and DummyClientKeyFile.jks for Server Manager

To configure the .jks files for Server Manager:

- 1. Refer to Solution ID E1: SVM: WebSphere 7.0.0.11 Secure Profile, Server Manager Unable to Detect Status of Servers Correctly (Doc ID 1262748.1) on Oracle Support portal and implement the steps on configuring soap.client.props file and replacing the Server manager JDK with the IBM WAS7 JDK before proceeding further.
- 2. Login into the WPS7 Admin Server url (i.e https://dnvmtqa25.mlab.jdedwards.com:10003/ibm/console/logon.jsp wpsadmin/wpsadmin).



3. Go to Security-> SSL Certificate and Key Management

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E Resources	The Secure Sockets Layer (SSL) protocol provides secure communications between remote server processes or endpoints. SSL security can be used for establishing communications inbound to and	Related Iteens	More information about this
El Security	outbound from an endpoint. To establish secure communications, a certificate and an SSL configuration must be specified for the endpoint.	 SSL configurations 	
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4. Click on Key stores and certificates.



5. Click on NodeDefaultKeyStore link:

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6. Click on Personal certificates:



- **7.** Select checkbox and click the extract button.
- 8. Provide the name of the file as personalCertificate.arm, and then click Ok.

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- 9. Click on the Key stores and certificates link again.
- **10.** Click on NodeDefaultTrustStore link.



11. Click Signer certificate link.

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- **12.** Extract the default and default_signer certificates one at a time by providing the names default.arm and default_signer.arm respectively.
- **13.** Select checkbox next to default and click extract.
- **14.** Provide the name as default.arm and click Ok button.

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- **15.** Note the location of the file in the area highlighted in red above.
- **16.** Similarly click the checkbox next to default_signer and click extract.
- **17.** Provide the name as default_signer.arm and click Ok button.

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- **18.** Note the location of the file in the area highlighted in red above.
- **19.** On the WPS7 machine, note the existence of the newly extracted certificate files, typically located at Z:\IBM\WebSphere\wp_profile\etc location.

- **20.** Create a backup of the Z:\IBM\WebSphere\wp_profile\etc by copying etc directory to etc_backup before proceeding further.
- **21.** Server Manager uses DummyClientTrustFile.jks and DummyClientKeyFile.jks to communicate with Secure WebSphere profiles (wp_profile portal server profile is ALWAYS a secure profile), hence it is necessary to import the extracted signer certificates into these files.

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22. Go to the Z:\IBM\WebSphere\wp_profile\bin and launch ikeyman.bat using (Run as Administrator option).

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PortalServer	SogiCrgInit.ba Rename 2 AM Windows Batch File 1 KB	
UpdateInstaller	Properties 2 AM Windows Batch File 1 KB	
wp_profile	26 pmt.bat 2 AM Windows Batch File 1 KB	
🔒 bin 💌	B/9/2011 11:42 AM Windows Batch File 1 KB	-
Run as administrator		

- 23. In ikeyman.bat utility go to Key Database file -> Open.
- **24.** Select Type as JKS and file as DummyClientTrustFile.jks located at Z:\IBM\WebSphere\wp_profile\etc directory, the password is WebAS (default).
- 25. In the dropdown select Signer Certificate, click Add.
- **26.** Select default.arm from Z:\IBM\WebSphere\wp_profile\etc that we just extracted and click Ok button.

🚺 IBM Key Management - [Z	Z:\I8M\WebSphere\wj	o_profile\etc\DummyClientTrustFile.jks]	_ 🗆 ×
Key Database File Create	View Help		
🗅 🚅 🖶 🌺 👔	🔉 💶		
		Key database information	
DB-Type: JKS			
File Name: Z:UBM0/Vel	bSpheretwp_profiletet	DummyClientTrustFile.jks	
Token Label:			
		Key database content	
Signer Certificates		•	<u>A</u> dd
client	Open	×	Delete
default_signer	Eile Name:	default.arm Browse	
new websphere dummy cli new websphere dummy se	Location:	Z:\IBMW/ebSphere/wp_profile/etc	View/Edit
rsa secure server certifica	a	OK Cancel	Extract
thawte personal basic ca	ca		Populate
thawte personal premium of	ca		
thawte premium server ca thawte server ca	1		Rename
verisign class 1 public prin	nary certification auth	ority	
The requested action has su	accessfully completed		

- **27.** Provide the label as default and click Ok.
- **28.** You will note that the default Signer Certificate is now visible in the list of signer certificates.
- **29.** Now similarly import the extracted default_signer.arm (provide label as default_ 1_signer) and personalCertificate.arm (provide label as personal_signer).
- **30.** After these steps all three signer certificates should be available as shown below.

👪 IBM Key Manag	ement - [Z:\IBM\WebSphere\wp_profile\etc\DummyClientTrustFile.jks]	
Key Database Eile	create View Help	
🗅 🥔 🖬		
	Key database information	
DB-Type:	JKS	
File Name:	Z:\IBM\WebSphere\wp_profile\etc\DummyClientTrustFile.jks	
Token Label:		
	Key database content	
Signer Certificat	100	
Signer Certifica	199	Man
client		Delete
default default 1 cigno		
default signer		View/Edit
new websphere	dummy client	Extract
new websphere	dummy server	
personal_signer	se sertification authority	Populate
thawte personal	l basic ca	Rename
thawte personal	I freemail ca	rusha <u>m</u> e
thawte personal	l premium ca	
thawte premium) server ca	
thawte server c	a public primary certification authority	
rensign class 1		
The requested act	tion has successfully completed!	

- **31.** Go to Key Database file -> Close to close the DummyClientTrustFile.jks
- **32.** Open the DummyClientKeyFile.jks and repeat the above steps.
- **33.** After importing all three signer certificates the certificate list for DummyClientKeyFile.jks should look like below.

🧕 IBM Key Manaq	gement - [Z:\IBM\WebSphere\wp_profile\etc\DummyClientKeyFile.jks]	
Key Database Eile	Create View Help	
🗅 🚄 🖶	I 😤 🚯 💶	
	Key database information	
DB-Type:	JKS	
File Name:	Z:\/BM\WebSphere\wp_profile\etc\/DummyClientKeyFile.jks	
Token Label:		
	Key database content	
Signer Certifica	tes 🗸 🗸	<u>A</u> dd
client		Delete
default_signer	r	View/Edit
server		Extract
		Populate
		Rename
	List of certification authority (CA).	
The requested as	tion has successfully completed	

- **34.** Go to Key Database file -> Close the close the file.
- **35.** Exit from ikeyman.bat utility.
- **36.** Stop the Server Manager Agent, Clear the logs (from Z:\JDEdwards\jde_home_ wps\SCFHA\logs dir).
- **37.** Start the Server Manager Agent.
- **38.** Stop server1 and clear the logs (from Z:\IBM\WebSphere\wp_profile\logs\server1 dir)
- **39.** Start server1 from Windows Services or command line.
- **40.** Stop WebSphere_Portal and clear the logs (from Z:\IBM\WebSphere\wp_profile\logs\WebSphere_Portal dir).
- 41. Start WebSphere_Portal from Windows Services or command line.
- **42.** Similar steps need to be followed for UNIX and IBM i based platforms. For IBM i platform, the iKeyman utility is unavailable and hence it is required to perform these operations remotely from a Windows machine.
- **43.** After restart, navigate to the Server Manager list of WebSphere profiles screen you will note Server Manager is now able to recognize and display the correct status of the WPS7 servers (server1 and WebSphere_Portal), you can now proceed with the Collaborative Portal installation.

BAT Web Sphere in Process Firefax Field Life Edit View Highery Bookmarks Dois Heb C Bee Mind. Device RCLIX. Discours 11s D.	EN Web Seb	tantai 💌 Badinat - E 💭 Badinat - E	Web 204 Da	P Daning D	uoferant - B 🗢 De	opert 6) 🗩 SM Seb. X 🖛	Decement 12 W Bechartin	-	- 2
+ Ito //drvmtaa2/miab idedwards.com 90	00/manage/target?instance	Name-DWWT0A25_WA578arpetType-was7			÷-0	👌 - bisphartis treatment antibiot	ic P		
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Wanagement Dashboard (P) drivintga25 mildi jdedwards o	con [Z'UDEdwardslyte_ho	me_wpelSOFHA] D							
Select Instance	IBM WebSphere								
Quich Links	General	Instanc	e Properties						
Gener Menager Jacci Gener Convert Gener Convert Metalogic Metalogic Metalogic Metalogic Metalogic Metalogic Convert Metalogic Convert Convert Convert Convert	Product Descripti IBM WebSp Version 7.0.0.11	ion Applic here Application Server - ND Instan	ation Server Install Z:\JBM\WebSphere\ ce Name DNVMTQA25_WAS	Location AppServer Z					
	Profiles and Sen Select a profile from the Select [Application Select N] Select No	ers list below to create or remove servers. Server): Start: Stop Restart M							
	Profile Name	Profile Path	Cell Name	Cluster Name	Node Barne	Application Servers	Related Managed Instance	es 🛈	
	wp.profile	2:/@MIWebSphere/yep_profile							
			drivetga25		drvmtga25	server1 (@Running)	None		
			drivmtga25		drvmtga25	meticohere Portal (¹ Running)	None		
	Application 1	2.98MWebGphere (AppGerver (profiles (AppGrv01							
			drvmtga29Node01Cell		drvmtqa29Node01	server_1 (@Running)	None		

44. This completes the configuration of the DummyClientTrustFile.jks and DummyClientKeyFile.jks for managing IBM WebSphere Portal Server v7.0 via Server Manager.

5.2 Installing the Collaborative Portal

The section covers the installation of the Collaborative Portal.

To install Collaborative Portal

Follow the steps below to install the JD Edwards EnterpriseOne Collaborative Portal.

1. Obtain the proper release level of the Collaborative Portal software from the Update Center and copy it to the Management Console machine. Refer to the MTRs for specific release level information for your installation.

	Hanaged Software Components							
The	following software components have been downloaded to this host fr	rom the management server. You may cre	sate new managed instances using any of the fo	lowing components				
54	lect [Software Component]: Delete							
2	lect Al Select None							
	Software Description 🗼 🗇	Software Type	Applicable Platform(s)	Version 🗇	Dependent Managed Instances			
	EnterpriseOne Collaborative Portal Server 9.1.0.0 08-04- 2011_08_08 Server 9.1.0.0 08-04- Server 9.1.0.0 08-04-							
ø								

- **2.** From within the Management Console, upload the Collaborative Portal software to the console. This is done from the Managed Software Components page shown above.
- **3.** From within the Management Console, distribute the software component to the target system. This is done from the Managed Software Components page shown above.
- **4.** On *Upload Software Components,* mark the check box next to the Collaborative Portal software you wish to distribute.

5. Click the **Distribute** button.

Note: The Managed Software Components screen will show all the servers. Servers eligible for the distribution will have a check box next to them.

6. Check the box of the servers to receive the software.

Note: If the software has already been distributed to the machine, the check box will be inactive for that server.

- **7.** After reviewing the components to distribute, click the **Distribute Software** button.
- **8.** Within the *Managed Home*where you want to install the Collaborative Portal, click the Create New Managed Instance button.

ORACLE [®] JD Edwards EnterpriseOne					Server Manager Docume EnterpriseOne Docume
Management Dashboard 👂 drvmtqs25 mlab įdedwards.com (Z:UDEdwardsijde_home_wps/SCFH	A] 🖻				
Create/Register A Managed Instance					
Select the type of managed target you wish to create/register. This is the first of a four step proce	6:				
I. Select the Target Type Crose the type of managed target you wish to create. Crose the type of managed target you wish to create. Inter Instance properties the required information used to create or register the manage Conferm Configuration Items Some configuration items cannot be configured automatically or require validation of the de Installation This is the final step where the actual installation or registration of the managed target oco	d target. Isuit values. FS.	•	0	-0	
Entermination Collisionation Rootal Commu	anstance type a	instance moperties	Contemation	rinan	
EnterpriseOne Collaborative Portal Server	3				
Install New Enternice Server	5				
Resister an Existing Interprise Server	5				
EnterpriseOne Data Access Server	5				
Oracle Application Server 10.1.3.x	>				
Oracle WebLogic Server 11g	>				
EnterpriseOne PIDtSync Server)				
EnterpriseOne Transaction Server)				
EnterpriseOne Business Services Server)				
Websphere Application Server 6.x)				
WebSphere Application Server 7.0)				
EnterpriseOne HTHL Server					
					Cancel Cor

- 9. On Create/Register A Managed Instance Instance Type, select EnterpriseOne Collaborative Portal Server.
- 10. Click Continue.
- 11. On Create/Register A Managed Instance Instance Properties, enter an Instance Namefor the Collaborative Portal. Ensure the WebSphere_Portal server is listed in the available J2EE Containers list. Ensure the Collaborative Portal software component is listed in the dropdown.

The other values on this screen will default. You should verify these default values are correct.

- 12. Click Continue.
- **13.** The other values on this screen will default. You should verify these default values are correct.
- **14.** Click Continue.
- **15.** On *Create/Register A Managed Instance Instance Finish,* review the **Warning** and click the **Create Instance** button.

The actual creation process should run for 10 to 20 minutes during which time the following dialog is displayed in the Server Manager browser window. DO NOT attempt to refresh the browser or carry out any other operations till this is complete.



- 16. It is NOT REQUIRED to configure any of the INI settings for the newly created EnterpriseOne Collaborative Portal Server managed instance, these are only displayed but are never used. It is also not required to install the JDBC Driver for the Collaborative Portal instance.
- **17.** From a browser, type in the portal URL.

The *Sample 1* below is a screen capture of the Collaborative Portal prior to rebranding, while *Sample 2* shows the rebranded Collaborative Portal as a result of this installation process.

Note that the user interface is changed so both the title bar of the browser window and the tab within it reads **JD Edwards EnterpriseOne** (not **IBM WebSphere Portal**).

Sample 1. Browser Interface Prior to Collaborative Portal Rebranding

🖉 Login - Windows Internet Explorer	. 2 🔀
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👷 Favorites 🛛 🙀 🐌 Oracle Files - Browse Files R 🖇 How Did We Get Here - Dive 😇 In the Know Find Out How t 🖻 Human Resources Jinda 🖻 SR V	ever 🔤 BM i Gobalzation Overview 🐔 DevOps 🔤 Product documentation We
⊗Lagn	🖓 Hoge 🔹 🖸 Tritici 👘 Read Mail 👘 Ppitt 🔹 Bage + Safety + Tgols + 😝 Help + 🎽
WebSphere Portal	Sign Up Log In
i here i Re	
user w.	
Password	
Not registered? Sign up	
Login Cancel	
	1
Dave	v Trusted sites € v 100% •

Sample 2. Browser Interface After Collaborative Portal Rebranding

🖉 Oracle JD Edwards EnterpriseOne - Windows Internet Explorer		- 2 Z
😮 🕑 💌 🖻 http://dvlpdi13.mlab.jdedwards.com:20039/vps.jbortal	💌 💀 🗶 👹 Google	P -
Be Edit yew Parontes Dods Belo		
👷 Favorites 🌼 👔 Orade Files - Browse Files R 🖇 How Did We Get Here - Dive 😑 In the Know Find Out How t 😑 Human Resources India 😑 🛠 Viewer 🔤 BM i Globalization Overview	n DevOps and Product documentation We	
🖸 Grade 3D Edwards EnterpriseOne 🔂 Hoge 🔹 🖸 Arctic 10	Read Mail (m) Ppint * Eage • Safety •	Tgols • 😧 Help • "
ORACLE JD Edwards EnterpriseOne		
		Log in
Login		
User D:		
Password		
Not registered? Stonup		
Log in Cancel		
This system is intended for landed for landed, and the subject to company policies.		
Dune	✓ Trusted sites	

After the Collaborative Portal Installation complete, a readme file is created in the Collaborative Portal Target directory under the Server Manager Agent installation directory.

Sample locations on all platforms:

- Windows platform C:\JDEdwards\jde_home_wps\SCFHA\targets\EA_CP_ 91\Readme_wps70.txt
- UNIX Platform /u01/JDEdwards/jde_home_wps/SCFHA/targets/EA_CP_ 91/Readme_wps70.txt
- IBM i Platform /JDEdwards/jde_home_wps/SCFHA/targets/EA_CP_ 91/Readme_wps70.txt of IFS.

Follow the instructions in this file to install the Oracle Re-Branded Page Build2 based Theme.

The removal of this theme can be carried out by following the steps in the Readme_wps70.txt file.

5.3 Uninstalling the Collaborative Portal

To uninstall the Collaborative Portal:

- 1. Open the Server Manager and click on the server where the Collaborative Portal is installed.
- 2. Select the portal server instance to be removed and click Remove Instance.

// dnvmtqs25.mlab.jdedwards.com [Z:\JDEdwardsijd	de_home_wpsISCFHA] - Windows Internet Explorer				- 2 🔀		
🕒 🕢 💌 🖻 http://dnvmtga26.miab.pledwards.com	n:9000/manage/host?hostName=dm/mtga25.mlab.ydedvards.com8pdeHone	-ZI\XXEdwards/pde_home_ups/\$CPHA	v 🛛 🗉	🗙 🚼 Conste	P -		
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🚖 Favorites 🛛 🙀 🙋 Oracle Files - Browse Files R.	5 How Did We Get Here - Dive 😑 In the Know Find Out How t	😑 Human Resources India 😑 SR View	er 🔤 IBM i Globalization Overview 🙋 DevO	ps 🔚 Product docu	mentation We		
83 • Coursent Coursent Coursent	🌮 Document 🌮 Document 🏧 http://bu	POPLB Tr 🖸 drvmt X	🗄 🔂 Hoge 🔹 🔯 Control 🗉 🖬 Re	ad Mail 🙀 Pgint	• Enge • Safety • Tgols • 😧 Help • *		
ORACLE JD Edwards E	nterpriseOne	-		-	Server Manager Documentation EnterpriseOne Documentation Logout		
Management Dashboard IP	1						
Select Instance	dnvmtqa25.mlab.jdedwards.com [Z:\JDEdward	s\jde_home_wps\SCFHA]					
Quick Links	Heneard Software Components Weister Los Ples						
 Search Liter Resources 	- Managed Instances						
 Server Hanader Users Server Groups 	Shown below are all the managed instances owned by the managed hom	e. Use caution when removing instances.	Depending on the instance type this may involve	uninstalling and/or d	eleting the EntworkeOne server		
 Electrical XDEC Drivers 	installation.						
 Managed Software Management Agents 	Select (Hanaged Instance): Remove Instance						
 Oracle Configuration Manager. 	Select All Select Hone						
Namound House Datails	Instance Name 1 💭	Managed Instance Type	D		State (1)		
Financy of Former Declama	DIVINITOA25_WAS7	IBM WebSphere 7			10 Running		
Version 9.1 /91000090	CA. CP. 91	EnterpriseOne Collaborative Portal	Server		10 Running		
Managed Home Location	C 603	Oracle Configuration Manager	Oracle Configuration Manager				
2: UDEdwards (de_home_wps/SCPHA Host Operating System	Create New Managed Instance						
Windows Server 2008							
x86	Hanaged Software Components				A Between To Tage		
C5 Version 6.0 build 6001 Service Pack 1	The following software components have been downloaded to this host f	fon the management server. You may cr	sate new managed instances using any of the fit	lowing components.			
AgentLogLevel	Select (Software Component): Delete						
ALL	Select All Select None				U		
Agent Java Runtme	Software Description 🗍 💭	Software Type 🔅	Applicable Platform(s)	Version D	Dependent Hanaged Instances 💭		
	EnterpriseOne Collaborative Portal Server 9.1.0.0 08-04- 2011_08_08	EnterpriseOne Collaborative Portal Server	windows, os 400, aix, hpux, hpia/64, solaris, linux	9.10.0	EA. CP. 91		
	A software component may not be deleted if there is one or more may	maged instances that utilize it.					
	😑 Available Log Files 🕞				A Between Te Top		
		<u> </u>		√ Trust	ed ates 🖓 + 🕏 200%		

3. The window below will appear. Click OK.

Messag	ge from webpage
2	Please confirm that you would like to delete the selected EnterpriseOne Collaborative Portal Server 'EA_CP_91'. The instance will be permanently removed from the application server to which it was installed. Select 'OK' to confirm removing the instance, or 'Cancel' to abort the operation.
	OK Cancel

The Server Manager will uninstall the Collaborative Portal. This will typically take around the same time as the install process.

4. From a browser, type in the portal URL.

Sample 1 below is a screen capture of the WebSphere Portal Server v7.0 after un-installation of Collaborative Portal software.

Sample 1. Browser Interface Prior to Collaborative Portal Rebranding:

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WebSphere Purtal		Sign Up Log In
User ID:		
Password		
Not registered? Bign up		
Log in Cancel		
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ane	✓ Trusted sites	G • 🔍 200% •

Working with an External HTTP Server

This chapter discusses configuring and administrating an external HTTP server. This section discusses:

- Section 6.1, "Configuring an External HTTP Server (IBM HTTP Server) with wp_ profile"
- Section 6.2, "Starting the ADMIN Instance of the IBM HTTP Server"
- Section 6.3, "Creating a New HTTP Server Configuration and Instance"
- Section 6.4, "Configuring the WebSphere Plug-in and IBM HTTP Server"
- Section 6.5, "Starting the IBM HTTP Server"
- Section 6.6, "Stopping the IBM HTTP Server"

6.1 Configuring an External HTTP Server (IBM HTTP Server) with wp_ profile

To configure an external HTTP server (IBM HTTP Server) with wp_profile:

1. Login into the WPS v7.0 Admin Console:



- **2.** Go to Servers, Server types, Web servers.
- **3.** Click the New button.

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View: All tasks	Cell=drhpbl13, Profile=wp_profile	Class page
* Welcome	Rehativary 7.1	Help E
E Guided Activities	Web servers	field help
8 Servers	Use this page to view a list of the installed Web servers.	For field help information, select a field label or list
E Server Types	(8) Preferences	marker when the help cursor is displayed.
 Weldphare application servers Weldphare MO servers 	Generate Plug in Program Plugrin Tem Delete Templateau Start Stort Stort	Race help
 Web servers 		More information about this
E Assistations	e C · T	2020
R faniras	Select Name 0, Web server Type 0, Node 0, Host Name 0, Version 0, Status Q.	
R fanneran	None	
R Security	Total 0	
B Environment		
E System administration		
E Users and Groups		
B Meetitering and Tuning		
E Troublashooting		
Service integration		
Butos		
/Rm/console/collectionButton.do	√ Trusted s	tes 🤤 • 🔍 100% •

- 4. Fill in the details and click the Next button.
- 5. Select the appropriate host type (Windows or UNIX platforms).

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View: All tasks	Cell-dnhpbi13, Profile-wp_profile			Otes page
* Welcome	Create new Web server definition		5	Help Te
E Guided Activities				Field help
8 Servers	Use this page to create a new W	eb server.		For field help information.
E Server Types	-> Step 1: Specify the	Specify the Web server name, type, host name and platform.		maricer when the help cursor
 WebSphere application servers WebSphere MQ servers 	type, hast name	Specify a Web server name, type, host name and platform.		is displayed.
 Web servers 	and platform.	* Server name		
E Applications	Step 2: Select a Web server	webserver80		
B Services	template	* Type IBM HTTP Server		
E Resources	Step 3: Enter the properties for the	* Host name		
E Security	new Web server	dnhpbit3.mlab.jdedwards.com		
E Environment	Step 4: Confirm	* Platform		
E System administration		(nex x		
EE Users and Oroups	Next Cancel			
E Monitoring and Tuning				
E Troubleshooting				
E Service Integration				
B 0001				

6. Click Next.

🕼 Integrated Solutions Console - Windows Internet Explorer								- 2 🛚
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View: All tasks	Cell+dr/pbi13, Profile-wp_profile							Close page
* Welcome	Create new Web server definition						1	Help
E Guided Activities								Field help
E Servers	Use this page to create a new Web	b server.						For field help information, select a field label or list
E Server Types	Step 1: Specify the Web second party.	Select	a Web server templa	te				marker when the help cursor
 webSphare MQ servers 	type, host name	Select	the template that corresp	ponds to the serv	er that you want to o	reate.		is contration.
 web servers 		100	19					
IB Applications	Web server	and and	Terrelate Barrow	Time	Description			
E Services	template		Template Harris	Type .	The life Web Sec.	ar Tampista		
E Resources	Step 3: Evter the properties for the		100	all average of	THE DIS WES SET	er rengrade		
E Security	new Web server							
E Environment	Step 4: Confirm new Web second							
E System administration		_					_	
E Users and Groups	Previous Next Cancel	J						
E Monitoring and Tuning								
E Troubleshooting								
E Service Integration								
E 0001								
/bm/console/select%ebServerTemplate.do							√ True	led sites 👍 = 🔍 100% = -

7. Enter the details and click the Next button.

Port number should typically be the HTTP Port number 80.

The HTTP Server and HTTP Server Plugins directory have to be provided.

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View All tasks	Cell-dn/pbl13, Profile-wp_profile		Close page
* Welcome	Create new Web server definition		thelp 🖂
E Guided Activities			Field help
8 Servers	Use this page to create a new Web) server.	Re-enter the administration
E Server Types	Step 1: Specify the Web server name.	Enter the properties for the new Web server	
vadiples MQ servers vadiplese MQ serv	type, host name ang platform. Nike 2: Select a two-server template of the server server the server Biag 4: Conform rest Web server Previous Rect Cancel	Inter the Web server properties.	
		898_E17ools_Portal_Guide_for_32H_WebSphere_Portal_rev01.doc [Concett	aty i de la service a
Done		Note	4) - 100% - 100%

8. Click the Finish button after reviewing the summary information.

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Coort Ntps://dripp#13.nkib.jdedwards.com: 10003/ibm/	console/logn.dolaction=secure	💌 🖗 Certificate Error 🛛 😫 😽 🗶 🐫 Constr	2.
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👷 Favorites 🛛 🙀 🐔 Oracle Files - Browse Files R 5 How	Did We Get Here - Dive \Xi In the Know Fir	nd Out How t 😑 Human Resources India 😸 SR Weiver 🏧 2014 i Globalization Overview 🖉 DevOps 🏧 Product docu	mentation We
E Integrated Solutions Cansole		💁 Hage 🔹 💽 (10000) 🕐 🖾 Read Had 🛛 🛞 Pyrk	• Eage • Safety • Tools • 😧 Help • *
Integrated Solutions Console Welcome wpsadmin		Help Logout	IBM.
View: All tasks	Cell-dnhpbit3, Profile-wp_profile		Close page
* Welcome	Counte new Web server definition		Help
E Guided Activities			Field help
E Servers	Use this page to create a new We	eb server.	For field help information.
E Server Types	Step 1: Specify the	Confirm new Web server	marker when the help cursor
WebSphere application servers WebSphere MQ servers Web servers	type, host name and platform.	The following is a summary of your selections. Click the Finish button to complete the Web server creation. If there are settings you wish to change, click on Previous button to review the server settings.	is displayed.
E Applications	Step 2: Select a Web server		
B Services	template	Summary of actional	
E Resources	Step 3: Enter the properties for the	New Neb server entry "webserver00" will be created	
E Security	new Web server	name "dirhohit3.mlab.pledwards.co	
E Environment	-> Step 4: Confirm	Platform Type "Linux" ann	
E System administration		Web server installation	
E Users and Onups	Previous Finish Cance		
E Monitoring and Tuning			
E Troubleshooting			
B Service Integration			
B VDOL			

9. Review and click the Save link.



10. Select the newly created HTTP Server checkbox and click Generate Plugins button. This will generate the plugin-cfg.xml file.

Integrated Solutions Console - Windows Internet Explorer							= 2 🔀
Co 💿 🔹 👔 https://dvipbil3.mido.jdedwards.com:10003/km/come	skyloginudo-laction-seriure			💌 😧 Certificate Error	8 4 X	di Congle	2.
Elle Edit View Figurarites Isola Help							
👷 Favorites 🙀 🙋 Orade Files - Browse Files R 5 How Del 1	We Get Here - Dive 😇 In the Know	Pind Out How L 😇 Humani	Resources India 😇 SR 10	ever 🛄 394 i Globalization Overview 🧃	DevOps 🛄	Product docume	nlation We
Console				Note + D Great -	Read Hall	internet +	Enge + Safety + Tpols + 😧 Help + H
							T111
Integrated Solutions Console Welcome wasadmin					ныр	Logout	IBM.
View Altaalia M	Cell-drhob(13, Profile-wp_profile	0					Case page
 Welcome 	Web servers					7	Help 2
E Guided Activities	B Messages						Field help
8 Servers	B PLOC	00051: Plug-in configuration BM/WahSchare/up. profile/r	file onlin (sella/dahahi) 11/an	dan Mahadal V Managara Jamba mandili M	alunia.		select a field label or list
E Server Types	dg.com	and management of Terraria	ound rank builder at the		headlest.		marker when the help cursor is displayed.
 WebSphare application servers WebSphare MO servers 	B PLOCI dobabilit	00521: Plug-in configuration 1. dobabil 3. webserver80.	file generation is compl	ete for the Web server.			Page help
 Web servers 							More information about this
IE Applications	Web servers						Command Assistance
E Services	Use this page to view a list of	the installed Web servers.					View administrative acciption
E Resources	Preferences						commend for last ection
E Security	Denerate Play in Pr	epagada Plagnin - New Dr	Templates	Start Stop Terminate			
E Environment	D D 1 12						
E System administration	No. All Co. Co.	have a second many of	hada di	and more th	Marries &	States B	
E Users and Onseps	Very case administer the follow	web server type U.	Hoose Q.	nost name Q.	version Q.	scene W.	
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E Trubleshooting					7.0.0.11	-	
E Service Integration	Total 1						
B 0001							
						1.4.4.4.4	
Done						 Trusted 	stes 🖓 • 🔍 100% • 🦯

11. Select the newly created HTTP Server checkbox and click the Propagate Plugins button.

This will copy the plugin-cfg.xml file into the HTTP Server installation directory.

Note the location of the plugin-cfg.xml file (i.e /u01/IBM/HTTPServer/Plugins/config/webserver80/plugin-cfg.xml).

 Update the httpd.conf file with the new location of the plugin-cfg.xml file and restart the IBM HTTP Server (i.e using the WebSpherePluginConfig /u01/IBM/HTTPServer/Plugins/config/webserver80/plugin-cfg.xml line in the httpd.conf file).

Ensure the following line exists in the httpd.conf file:

Listen 80

This instructs the HTTP Server to listen to port 80.

13. After restarting the HTTP Server, attempt to access the HTTP Server home page using the URL (http://server_name). The following screen should appear:



14. In the Admin Console you will note that the status of the IBM HTTP Server is shown as running now.



15. After this step, attempt to access the WebSphere Portal Server URL over HTTP Port (i.e http://<portal_server_machine>/wps/portal), the following screen should be presented indicating the Portal Server URL being accessed over HTTP Port (80).

🌽 Oracle JD) Edwards EnterpriseOne - Windows Internet Explorer
6 0-	http://dnhpbl13.mlab.jdedwards.com/wps/portal
<u>Eile Edit</u>	View Favorites Tools Help
🔶 Favorit	es 🛛 👍 🙋 Oracle Files - Browse Files R 🏾 🕇 How Did We G
Orade J	Edwards EnterpriseOne
ORAC	LE' JD Edwards EnterpriseOne
Lo	gin
Us	er ID:
Pa	ssword:
No	t registered? Sign up
L	og in Cancel

Note that the port 10039 is not being show in the URL of the browser indicating access over HTTP port (80).

This completes the IBM HTTP Server Configuration for WPS v7.0 for Windows and UNIX Platforms.

Note: The instructions provided here are general instructions for configuring ports on an IBM HTTP Server for WebSphere 7.0 running on an IBM i machine.

6.2 Starting the ADMIN Instance of the IBM HTTP Server

This section discusses starting the ADMIN instance or the IBM HTTP server.

6.2.1 Starting the ADMIN Instance of the IBM HTTP Server

You must start an ADMIN instance of IBM HTTP Server for IBM i to create, change, or display an IBM HTTP server instance configuration by using the IBM HTTP Server for IBM i Configuration and Administration forms.
Note: The images in this chapter were captured using a particular HTTP Server PTF and operating system cumulative PTF level, and may not match the screens displayed in your system. Although the placement of links and buttons can vary, the instructions are still applicable. For more information, refer to this link on IBM's website:

http://www-03.ibm.com/systems/i/software/http/

This section describes these two ways in which you can start the ADMIN Instance of the IBM HTTP Server:

- Starting the ADMIN Instance of the HTTP Server from the Command Line
- Starting the ADMIN Instance of the HTTP Server from the Operations Navigator

6.2.2 Starting the ADMIN Instance of the HTTP Server from the Command Line

This section discusses starting the ADMIN Instance of the HTTP Server from the Command Line.

To start the ADMIN instance of the HTTP Server from the IBM i command line:

1. From the command line, enter this command:

STRTCPSVR SERVER(*HTTP) HTTPSVR(*ADMIN)

2. Press Enter.

6.2.3 Starting the ADMIN Instance of the HTTP Server from the Operations Navigator

This section discusses starting the ADMIN Instance of the HTTP Server from the Operations Navigator.

The Operations Navigator is the graphical point-and-click interface to the IBM i system. Operations Navigator is part of the IBM i Access product.

To start the ADMIN instance of the HTTP Server from the Operations Navigator:

- 1. Start Operations Navigator.
- 2. Double-click your IBM i server in the main tree view of Operations Navigator.
- **3.** Double-click Network.
- 4. Double-click Servers.
- 5. Double-click TCP/IP.
- 6. Right-click HTTP Administration in the right pane.
- 7. Select Start from the pop-up menu.

6.3 Creating a New HTTP Server Configuration and Instance

This section discusses creating a new HTTP server configuration and instance.

6.3.1 Creating a New HTTP Server Configuration

WebSphere Application Server plugs into IBM HTTP Server for IBM i. The IBM HTTP Server routes certain client requests (such as for a servlet or JSP file) to WebSphere for processing. You must create a new HTTP server configuration that contains the

information that IBM HTTP Server needs to route requests to the appropriate WebSphere Application Server methods.

You can create a new IBM HTTP Server configuration by opening the Configuration and Administration forms.

To create a new HTTP Server configuration:

- 1. Start your JavaScript-enabled browser.
- 2. In the URL location or address window, enter this url:

http://<server_name>:2001/HTTPAdmin

where <server_name> is the host name of your IBM i web server machine.

- 3. Press Enter.
- 4. You are prompted for an IBM i user ID and password.

You should enter an IBM i user ID that has *ALLOBJ and *IOSYSCFG authority.

The IBM i Web administration page appears as shown in this sample screen:

Common Tasks and Wizards Create Web Services Server	Mar	nage All Se	erver	s 🕜						
Create Application Server Create WebSphere Portal	All H	ITTP Servers	All A	pplicatio	n Servers					
	Data	current as of t	Dec 29,	, 2009 3:	10:33 AM.					
		Server 🛦		Versi	on	Status	Address:Port	Associated Application Server		
	0	ADMIN	Ap	ache/2.2	11 ((5)	Running	*:2001	None	Administration serve	
	0	AJSP	Ap	ache/2.2	11 (15)	Stopped	*:8210	AJSPervasive		
	0	APACHEDFI	T A	Apache/2.2.11 (i5)		Stopped	*:80 *:81 0.0.0.0:202	None	IBM supplied sample	
	Ø	HTTPSVR81	Ap	ache/2.2	.11 (15)	Stopped	0.0.0.203 0.0.0.204 0.0.0.0.205 0.0.0.206	default, V7.0 ND	http server on port 8	
	0	IWADET	Ap	ache/2.2	.11 (15)	Stopped	*:2020	None		
	<	-								
	Ref	resh St	art	Stop Re	estart					
	Mar	nage Details		Delete	Rename	2				
						9				

5. To create an HTTP Server, click on Create HTTP Server in the left-hand pane.

6.3.2 Creating a New HTTP Server Instance

You must create a new HTTP Server instance in which an instance of your JD Edwards EnterpriseOne configuration will run.

To create a new HTTP Server instance:

- **1.** Click on the Setup tab.
- 2. In the left pane, click on Create HTTP Server.

The Create HTTP server page displays in the right frame, as shown in the screen sample below:

IBM Web Administration for i Setup Manage Advanced F	Related Links
All Servers HTTP Servers A	pplication Servers
Common Tesks and Wizards Create Web Services Server Create HTTP Server Create Application Server Create WebSphere Portal	Create HTTP Server Welcome to the Create New HTTP Server wizard. This wizard helps you set up and create a new HTTP server (powered by Apache). You must name your new server. This name will be used later to manage the server. What do you want to name your new server? Server name: HTTPSVR Server description: HTTP Server for WebSphere 7 Click Next to continue or Cancel to leave at anytime.

- **3.** On Create HTTP Server, Welcome, complete these fields:
 - Server name

Enter a server name. For example: HTTPSVR

Server description

Enter a description. For example:

Enter a description. For example:

HTTP Server for WebSphere 7

4. Click the Next button.



- **5.** On Create HTTP Server, you can accept the default value for the Server root directory.
- 6. Click the Next button.

IBM Web Administration for i Setup Manage Advanced	Related Links
All Servers HTTP Servers A	pplication Servers
Common Tasks and Wizards Create Web Services Server Create HTTP Server Create HTTP Server Create WebSphere Portal	Create HTTP Server Your server may listen for requests on specific IP addresses or on all IP addresses of the system.
	On which IP addresss and TCP port would you like your new server to listen? IP address: All IP addresses Port. 81 Note: Most browsers make requests to port 80 by default.
	Back Next Cancel

Port 80 can and should be used. Port 81 is used as an example.

On Create HTTP Server, IP address and TCP port, complete these fields:

IP address

You can accept the default value: All IP addresses.

Port

Enter a port number for the HTTP Server. For example, 81.

Note: Since Port 80 is the default port and is already set up with a different web server, you may choose a different port number.

Caution: The port you entered in this field will not be available for use by the JD Edwards EnterpriseOne HTML Web Server. For example, if you plan to use port 84 for your JD Edwards EnterpriseOne HTML Web Server, for this HTTP server definition you must enter a port number other than 84.

7. Click the Next button.

IBM Web Administration for i Setup Manage Advanced	Related Links () WebSphere IEM
All Servers HTTP Servers	Application Servers
Common Tasks and Wizards Create Web Services Server Create HTTP Server Create Application Server Create WebSphere Portal	Create HTTP Server Your server can record activity on your web sile using an access log. The access log contains information about requests made to the server. This information is useful for analyzing who is using your web sile and how many requests have been made during a specific period of time. Do you want your new server to use an access log?:
	Back Next Cancel

- **8.** On Create HTTP Server, access log, you can accept the default radio button setting of Yes to specify you want your new server to use an access log.
- **9.** Click the Next button.

IBM Web Administration for i	Related Links
All Servers HTTP Servers	Application Servers
Common Tasks and Wizards Create Web Services Server Create HTTP Server Create Application Server Create WebSphere Portal	Create HTTP Server The error and access logs being created for this server will be closed out and new files opened on a daily basis, to prevent the individual for files from becoming too large over time. To avoid the number of closed out files from becoming too excessive, the server can be configured to automatically delete the oldest ones. When enabled, the files will be automatically deleted when the logs reach a specific age. Specify the time to keep the log files: © Keep, do not delete © Delete based upon age
	Back Next Cancel

- **10.** On Create HTTP Server (keep logs), you can accept the default value Keep, do not delete to specify you want to keep the log files.
- **11.** Click the Next button.

IBM Web Administration for i Setup Manage Advanced	Related Links		() WebSphere	IBM
All Servers HTTP Servers /	Application Servers			Esta a la composición de la composicinde la composición de la composición de la comp
Common Tasks and Wizards Create Web Services Server Create HTTP Server Create Application Server Create WebSphere Portal	Create HTTP Server Server name: HTTPSVR Server description: HTTP Server for WebS Server root: //www.httpsvr Document root: //www.httpsvr.htdocs IP address: All IP addresses Port 81 Log directory: //www.httpsvr.logs Access log file: access_log Error log file: error_log Log maintenance: Keep, do not delete	Sphere 7		
	Back Finish Cancel			

12. On Create HTTP Server summary, review your selections and if acceptable click the Finish button to complete the creation of the HTTP Server.

6.4 Configuring the WebSphere Plug-in and IBM HTTP Server

This section discusses configuring the WebSphere Plug-in and IBM HTTP Server.

6.4.1 Configuring the WebSphere Plug-in for a Standalone Profile Note

This process will not work if the WebSphere profile selected in Step 3 below is a managed node. To configure the WebSphere plug-in for a standalone profile:

- **1.** Click on the Manage tab.
- 2. In the left pane, click the WebSphere Application Server link.

Note: If the link is not visible, use the slider bar to scroll down.

3. On WebSphere Application Server, on the General tab, select this radio button: WebSphere Application Server, V7.0.0.11 ND

The WebSphere profile drop down box lists all the profiles available. Since you are configuring a non-default profile, select the wp_profile from the dropdown.

You can accept the default value of NO in the dropdown box for choosing whether to start all WebSphere application servers.

4. Click the Apply button.

The program configures the plug-in for WebSphere, and returns to the first default screen.

5. Click the OK button.

The configuration can take several minutes to complete.

The above steps enable the HTTP server to pass requests to WebSphere.

- **6.** Access the WebSphere Administration Console. For example: click on the servers, webservers. http://<server_name>:9060/admin.
- 7. On the WebSphere Administration Console, click on Servers, Webservers.

The program should display the new webserver you created. By default, the server is named:

IHS_<HTTP_SERVER_NAME>

If you follow the recommendation in this procedure, the webserver is named:

IHS_HTTPSVR

After restarting the HTTP Server, attempt to access the HTTP Server home page using the URL (http://IBM i_server_name). The following screen should appear:



In the Admin Console you will note that the status of the IBM HTTP Server is shown as running now.

6.4.2 Configuring the IBM HTTP Server

This section includes general instructions for configuring ports on an IBM i IBM HTTP Server for WebSphere 7.0 and setting up the correct virtual host.

To configure the new HTTP Server instance:

1. Open a browser and enter this URL to start the IBM HTTP Server Web Administration console:

http://server_name:2001/HTTPAdmin

- **2.** Click the Manage tab.
- **3.** Select the HTTP Server you created in Creating a New HTTP Server Instance, for example HTTPSVR.
- 4. In the left pane scroll down and select Tools, Edit Configuration File.

The configuration file includes a port listen command for the port number you specified when you created the HTTP Server port in Creating a New HTTP Server Instance. This port number might not be the same as the port you specified when you installed the HTML Web Server. For example, if you selected port 81 as the HTTP Server port, the command in the configuration file should be:

Listen *:80

This instructs the HTTP Server to listen to the port 80.

Note the location of the plugin-cfg.xml file

5. Update the httpd.conf file with the new location of the plugin-cfg.xml file and restart the IBM HTTP Server.

Update the WebSpherePluginConfig /www/httpsvr/conf/plugin-cfg.xml line in the httpd.conf.

- **6.** Click the Apply button.
- **7.** 7. Click the OK button.

6.5 Starting the IBM HTTP Server

This section discusses starting the HTTP server.

6.5.1 Starting the IBM HTTP Server for the IBM i Instance

The IBM HTTP Server for IBM i runs in the QHTTPSVR subsystem, and each HTTP server instance starts multiple jobs. The WebSphere Application Server code that plugs into IBM HTTP Server for IBM i runs in the HTTP server job that communicates with the administrative server and one or more application servers.

There are two ways to start the IBM HTTP Server for IBM i instance:

- Starting the IBM HTTP Server for IBM i Instance from the Command Line
- Starting the IBM HTTP Server for IBM i Instance from the IBM i Configuration and Administration Forms

To start the IBM HTTP Server for IBM i Instance from the command line:

1. On the IBM i command line, enter this command:

STRTCPSVR SERVER(*HTTP) HTTPSVR(MYINSTANCE)

where MYINSTANCE is the name of your HTTP server instance. The syntax of this name should correspond with the recommended naming conventions specified in this guide. For example:

HTTPSVR

2. If you change your HTTP server instance configuration, stop and then start your HTTP server instance.

6.5.2 Starting the IBM HTTP Server for IBM i Instance from the IBM i Configuration and Administration Forms

The Configuration and Administration forms also allow you the option of restarting your HTTP server instance. When restarting, the HTTP server will recognize all configuration changes except for changes to the Basic and Security configuration forms.

- 1. Start your JavaScript-enabled browser.
- 2. Enter this URL in the URL location or address window:

http://<server_name>:2001/HTTPAdmin

where <server_name> is the host name of your IBM i system.

3. Press Enter to navigate to the URL.

The IBM i Tasks page appears.

4. Click the link for IBM HTTP Server for IBM i.

The IBM HTTP Server for IBM i page appears.

5. Click the Manage tab.

The Manage page appears.

- 6. In the right pane, click Manage All Servers.
- 7. Click the radio button to the left of the server you created.
- 8. Click the Start button.

This message appears in the Message box at the bottom of the screen: HTTP server starting.

A sample image is provided below:



6.6 Stopping the IBM HTTP Server

This section discusses stopping the HTTP server.

6.6.1 Stopping the IBM HTTP Server for the IBM i Instance

If you change your HTTP server instance configuration, stop and then start your HTTP server instance.

There are two ways to stop the IBM HTTP Server for the IBM i instance:

- Stopping the IBM HTTP Server for IBM i Instance from the Command Line
- Stopping the IBM HTTP Server for IBM i Instance from the IBM i Configuration and Administration Forms

To stop the IBM HTTP Server for IBM i instance from the command line:

Enter this command on the IBM i command line:

ENDTCPSVR SERVER(*HTTP) HTTPSVR(MYINSTANCE)

where MYINSTANCE is the of name your HTTP server instance.

6.6.2 Stopping the IBM HTTP Server for IBM i Instance from the IBM i Configuration and Administration Forms

To stop the IBM HTTP Server for IBM i instance from the IBM i configuration and administration forms:

- 1. Start your JavaScript-enabled browser.
- 2. Enter this command in the URL location or address window:

http://<server_name>:2001/HTTPAdmin

where <server_name> is the host name of your IBM i system.

3. Press the Enter button.

You are prompted for an IBM i user ID and password; your IBM i user ID must have *ALLOBJ authority.

The IBM i Tasks page appears.

4. Click IBM HTTP Server for IBM i.

The IBM HTTP Server for IBM i page appears.

5. In the top pane, click Administration.

The Administration page appears.

- 6. Click Manage HTTP Servers in the left-hand frame.
- 7. Click the radio button to the left of the server you created.
- 8. Click the Stop button.

This message appears in the Message box at the bottom of the screen: HTTP server ended.

A sample image is shown below:

Common Tasks and Wizards Create Web Services Server	Manage All Servers 💿								
Create Application Server Create WebSphere Portal	All H	ITTP Servers	All Applicat	tion Server	5				
	Data	current as of D	ec 29, 2009	3:38:09 AM	l.				
		Server 🔺	Ver	sion	Status	Address:Port	Associated Application Server		
	0	ADMIN	Apache/2	2.2.11 (15)	Running	*:2001	None	Administration serve	
	0	AJSP	Apache/2	2.2.11 (15)	Stopped	*8210	AJSPervasive		
	0	APACHEDET	Apache/2	2.2.11 (15)	Stopped	*:80	None	IBM supplied samp	
	۲	HTTPSVR	Apache/2	2.2.11 (i5)	Stopped	±81	None	HTTP Server for We	
	0	HTTPSVR81	Apachel	2.2.11 (i5)	Stopped	*:81 0.0.0.0:202 0.0.0.0:203 0.0.0.0:204 0.0.0.0:205 0.0.0.0:206	default, V7.0 ND	http server on port 8	
	<							10	
	Ref	resh Sta	rt Stop	Restart					
	Ma	nage Details	Delet	Renam	10				
	6								

Glossary

B2B

Abbreviation for business-to-business.

B2C

Abbreviation for business-to-consumer.

B2E

Abbreviation for business-to-employee.

web service

A web service is a software system designed to support communication between two electronic devices over a network.

WSRP

Abbreviation for Web Services for Remote Portlets.

WSRP Consumer

The WSRP Consumer is a web service client that invokes producer-offered WSRP web services and provides an environment for users to interact with portlets offered by one or more producers.

WSRP Producer

The Producer is a web service that offers one or more portlets and implements various WSRP interfaces and operations. In the JD Edwards EnterpriseOne solution, the JD Edwards EnterpriseOne HTML Web Server is the WSRP producer