

JD Edwards EnterpriseOne Tools

IBM WebSphere Portal Reference Guide

9.2

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Preface

Welcome to the JD Edwards EnterpriseOne documentation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Information

For additional information about JD Edwards EnterpriseOne applications, features, content, and training, visit the JD Edwards EnterpriseOne pages on the JD Edwards Resource Library located at:

<http://learnjde.com>

Conventions

The following text conventions are used in this document:

Convention	Meaning
Bold	Boldface type indicates graphical user interface elements associated with an action or terms defined in text or the glossary.
<i>Italics</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
Monospace	Monospace type indicates commands within a paragraph, URLs, code examples, text that appears on a screen, or text that you enter.
> Oracle by Example	Indicates a link to an Oracle by Example (OBE). OBEs provide hands-on, step-by-step instructions, including screen captures that guide you through a process using your own environment. Access to OBEs requires a valid Oracle account.

1 Understanding This Guide

Understanding This Guide

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

Using this Guide

The *JD Edwards EnterpriseOne Tools 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 Tools 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 Microsoft Windows Guide*

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

EnterpriseOne Portal Solutions Overview

EnterpriseOne Portal supports these Portal Servers:

- Oracle WebCenter
- IBM WebSphere Portal 8.5

On each portal, EnterpriseOne Portal supports the WSRP solution.

This guide covers the EnterpriseOne portal solutions for IBM WebSphere 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 Minimum Technical Requirements (MTRs).

2 Understanding WSRP

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, the Oracle WebCenter is the WSRP consumer that is used to display and group multiple JD Edwards EnterpriseOne portlets as well as portlets provided by other WSRP producers.

Note: Server Manager must be used to deploy the EnterpriseOne HTML Web Client as a WSRP/Portal producer. You have an option not to deploy WSRP components if the instance is for HTML server (JAS) only. If you are planning to use the instance as your WSRP producer, ensure you have this option checked during deployment. The default is checked. Changing the ini setting after deployment will not install or un-install the WSRP components. You must re-deploy the application to take effect.

Create/Register A Managed Instance

Shown below are the configuration items that must be manually confirmed. Please validate or update, as appropriate, the configuration items. Once complete select

The screenshot shows a configuration wizard with four steps: Instance Type, Instance Properties, Confirmation, and Finish. The Confirmation step is active. The configuration items are as follows:

Field	Value
HTTP Server (WAS Only)	webserv1
Node Name	_GLOBALNODE
Node Password	_GLOBALPWD
Bootstrap Environment	JDV900
Path Codes	('DV900')
Default Environment	JDV900
Default Role	*ALL

At the bottom, there is a checkbox labeled "Install WSRP" which is checked.

The default is to deploy WSRP components.

JD Edwards EnterpriseOne Features Not Supported with IBM WebSphere Portal (Tools Release 9.2.0.5)

The following JD Edwards EnterpriseOne Web client features are not supported with IBM WebSphere Portal:

- List View Grid Format
- Carousel
- EnterpriseOne Pages
- Composed EnterpriseOne Pages
- Composite Application Framework
- Advanced Media Object Attachments (Release 9.2.1)
- Design mode for Personal Forms (Release 9.2.1)
- EnterpriseOne Search (Release 9.2.1.2)
- Contextual Conversations, Contextual Documents, and User Conversations (Release 9.2.1.2)
- Task Search (Release 9.2.1.4)
- Subscriptions to Notifications (Release 9.2.2)
- Renaming and resetting column headers for Table View Grid Format in design mode (Release 9.2.2.4)
- Design mode for Form Extensions (Release 9.2.2.4)

3 Administering WSRP Producers with IBM WebSphere Portal

Administering WSRP Producers with IBM WebSphere Portal

Note: To implement the EnterpriseOne WSRP portal for WebSphere Portal v8.5, first you need to install and configure the EnterpriseOne HTML Server on a WebSphere Application Server v8.5.5.6. 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.

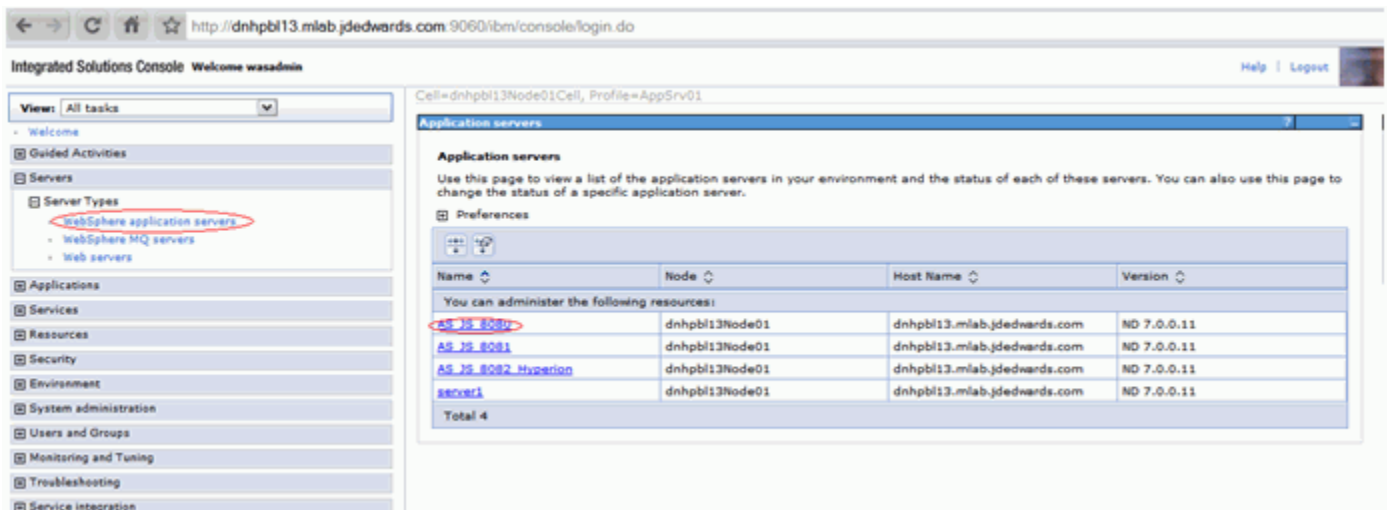
Setting up the URL Rewrite Option on the Producer

To use JD Edwards EnterpriseOne portlets in the IBM WebSphere Portal v8.5, the "URL Rewrite" option must be set. Follow the steps below to perform this task:

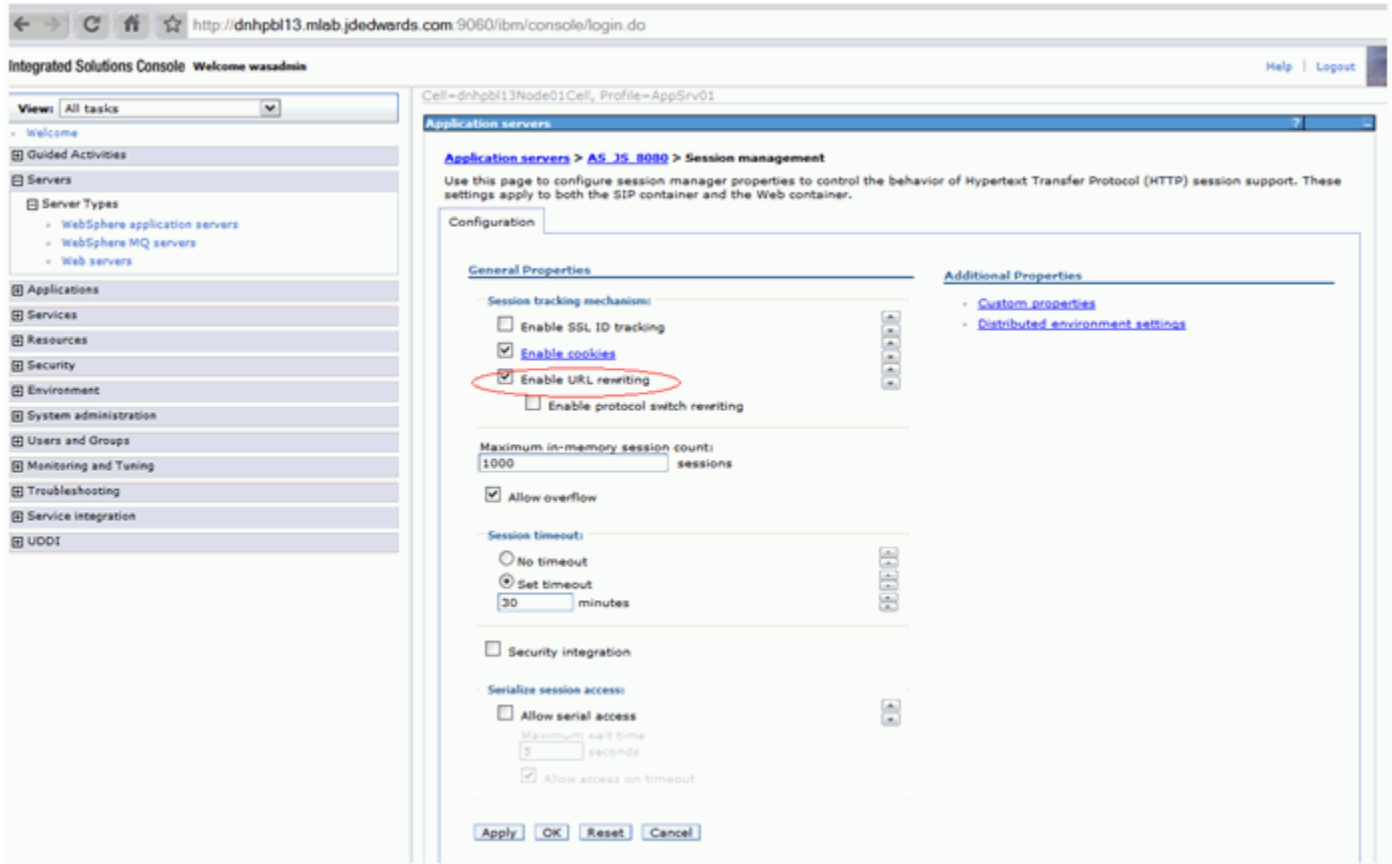
To set up the URL Rewrite option on the producer:

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.

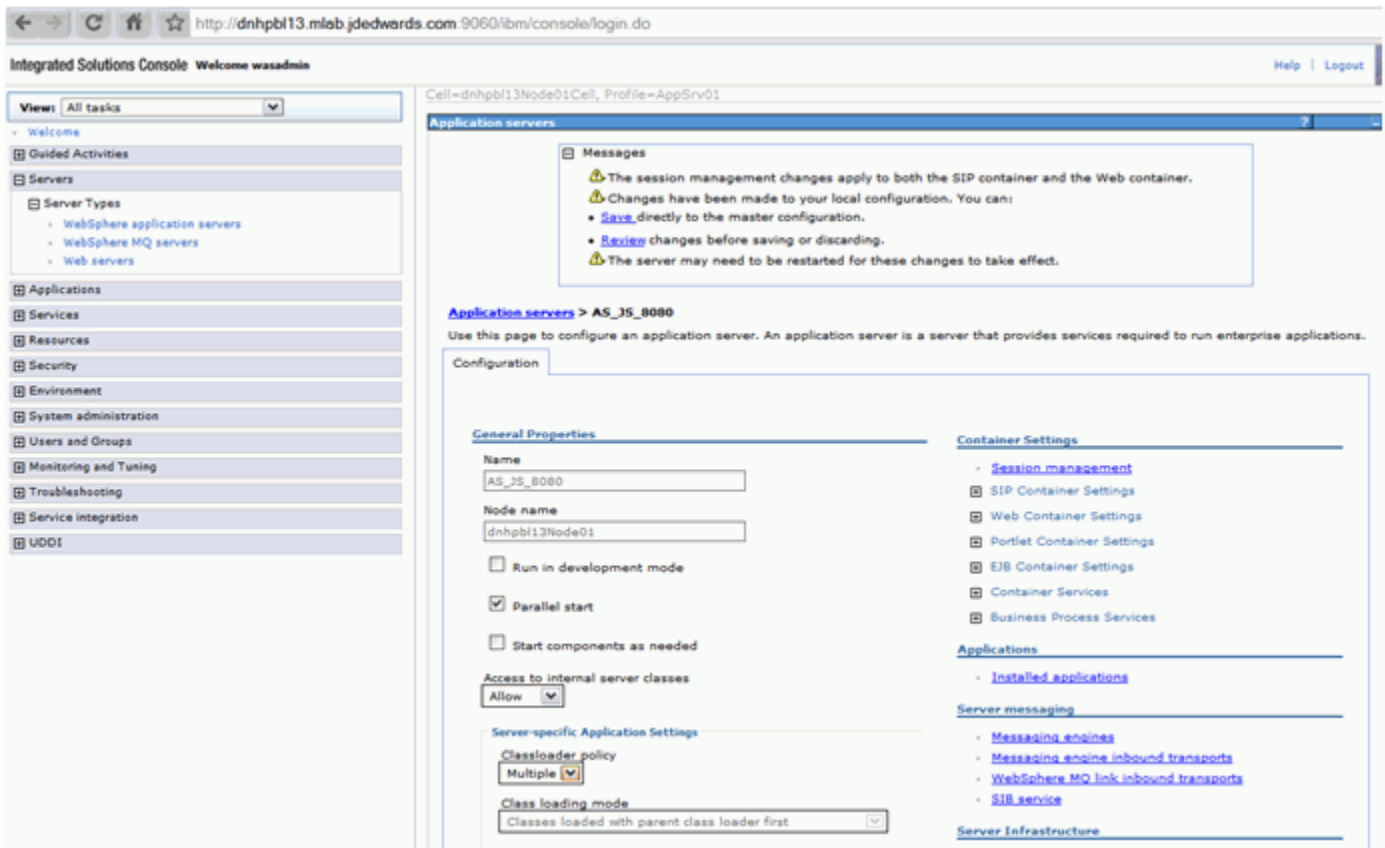


2. Select Session Management.
3. Select the "Enable URL rewriting" option.
4. Select OK.



5. Select Save.

6. Restart the server.



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.).

Registering a New Non-SSL WSRP Producer

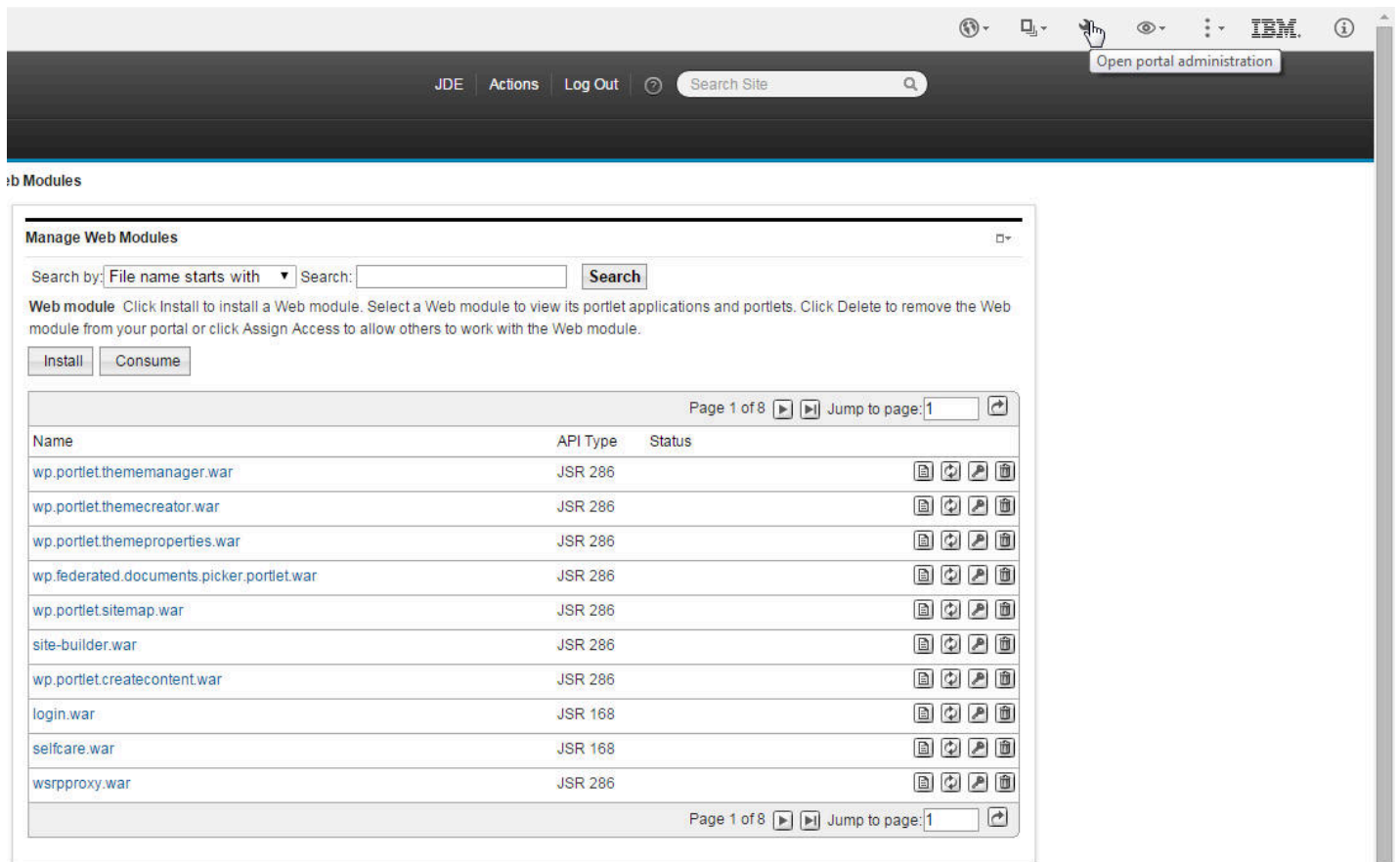
To register the WSRP Producer:



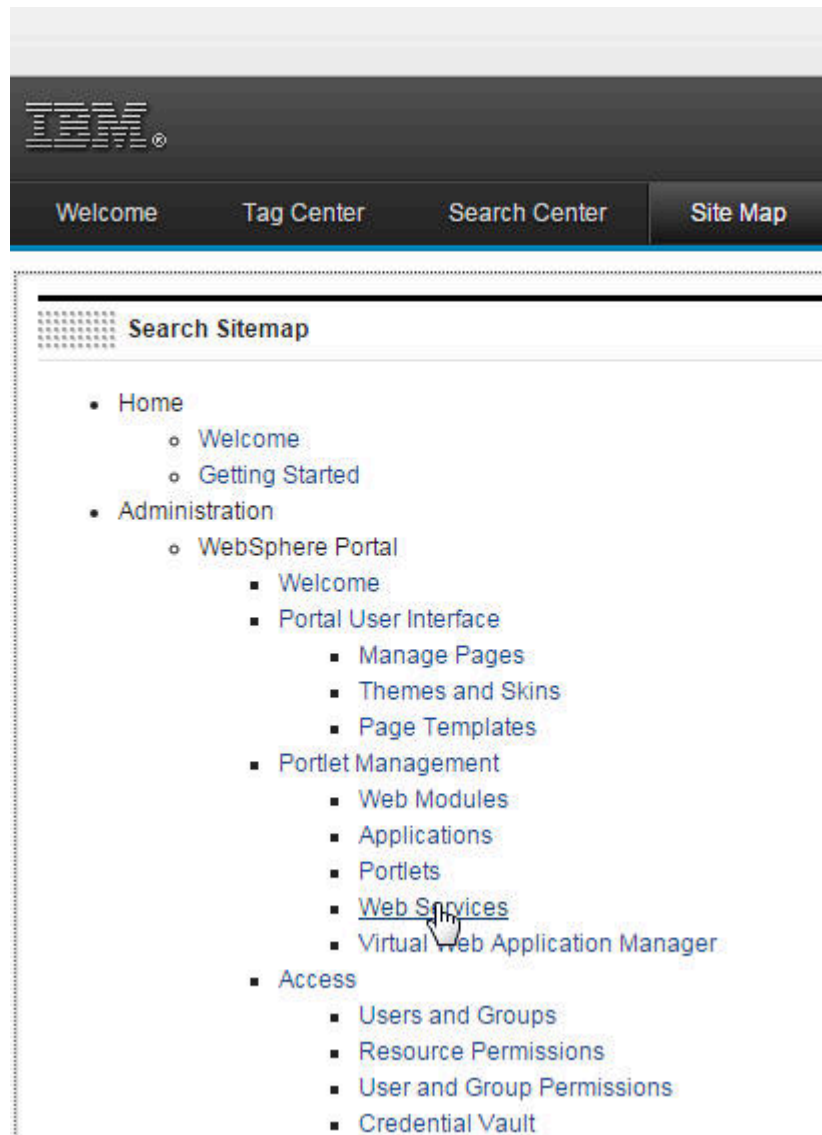
Search Sitemap

- Home
 - Welcome
 - Getting Started
- Administration
 - WebSphere Portal
 - Welcome
 - Portal User Interface
 - Manage Pages
 - Themes and Skins
 - Page Templates
 - Portlet Management
 - Web Modules
 - Applications
 - Portlets
 - Web Services
 - Virtual Web Application Manager
 - Access
 - Users and Groups
 - Resource Permissions
 - User and Group Permissions
 - Credential Vault
 - Portal Settings
 - Global Settings
 - Custom Unique Names
 - Supported Markups
 - Supported Clients
 - Import XML
 - Portal Content
 - Web Content Libraries
 - Syndicators
 - Subscribers
 - Feed Configurations
 - Feed Jobs
 - Search Administration
 - Manage Search
 - Portal Analysis
 - Theme Analyzer
 - Frequent Users
 - Enable Tracing
 - About IBM WebSphere Portal

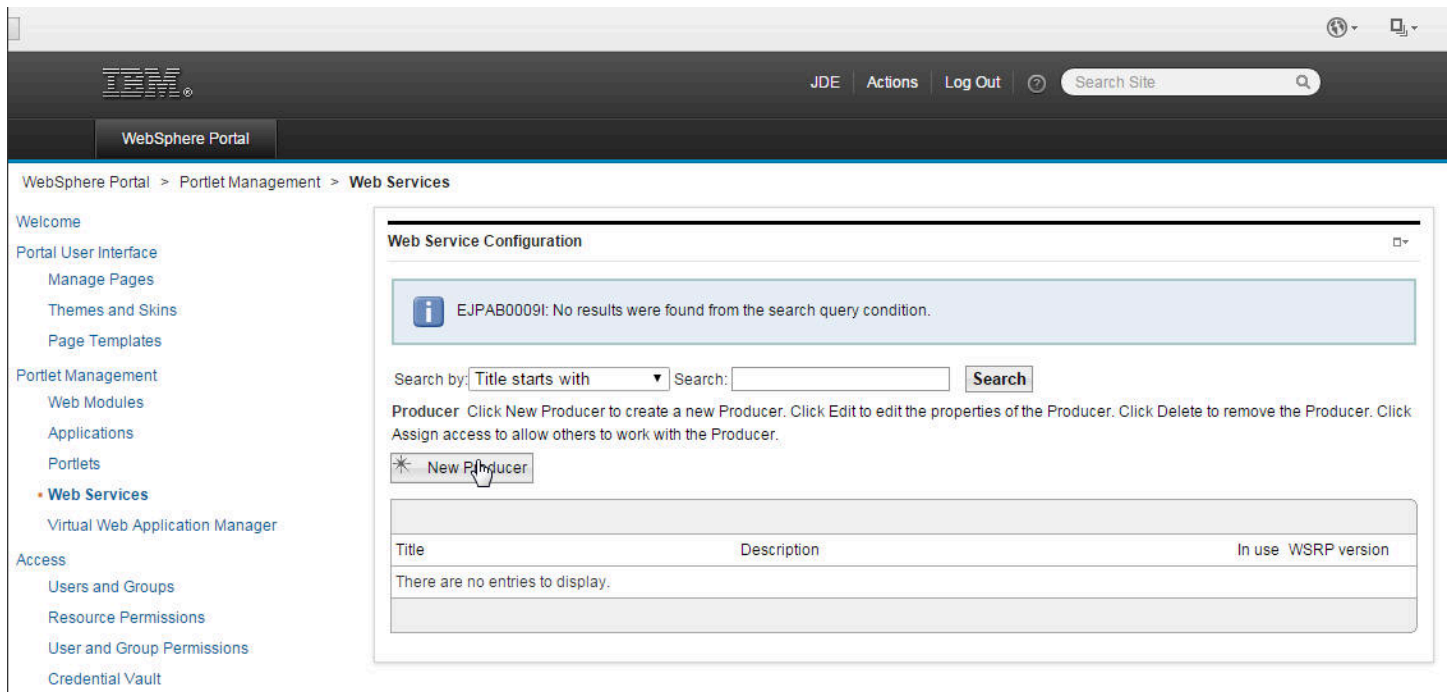
1. When the IBM WebSphere Portal is launched a Site Map will be available. Select WebSphere Portal located below Administration.



2. Select the Open portal administration icon located in the upper right side of the toolbar.



3. Next, click on Web Services located below Portlet Management.



4. Click the New Producer button.

The screenshot shows a web browser window with a title bar containing standard navigation icons. The main content area is titled "Web Service Configuration" and contains the following elements:

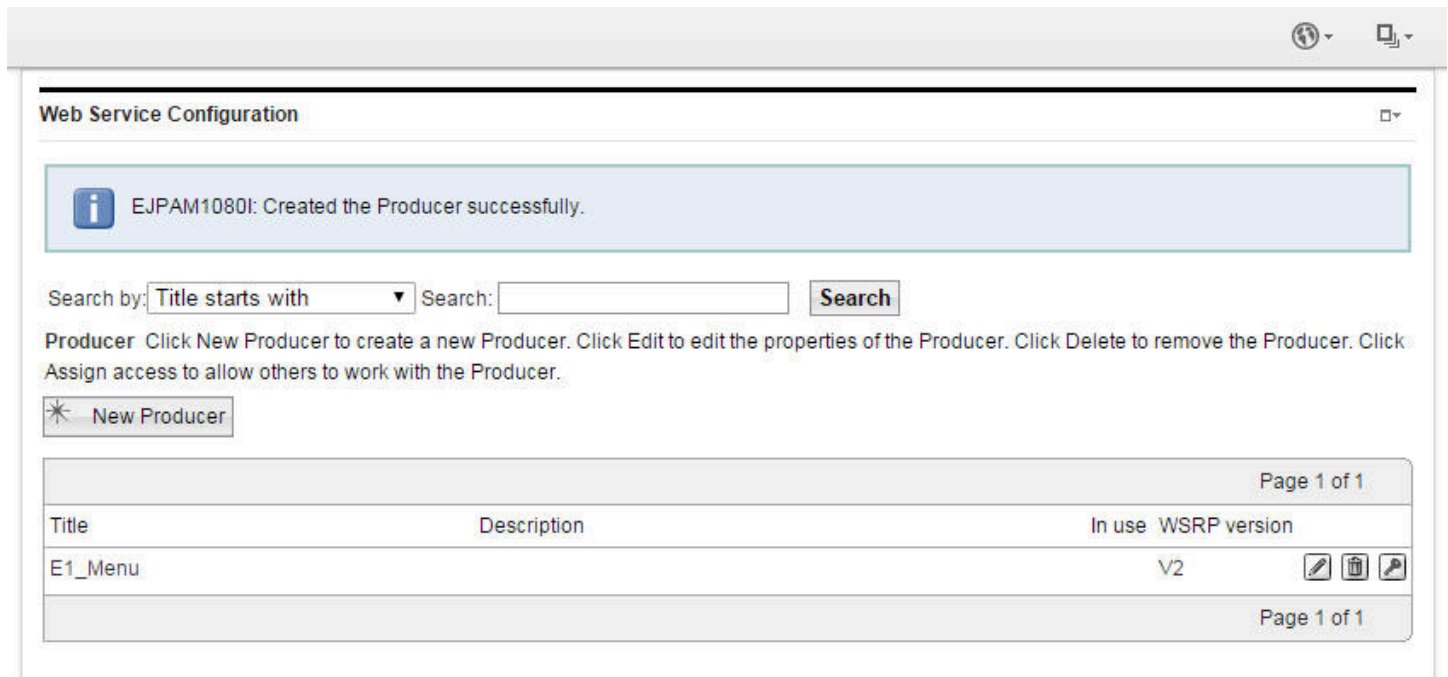
- A sub-header: "Edit Producer: E1_Menu"
- A "Title:" label followed by a text input field containing "E1_Menu".
- A "Description:" label followed by a large, empty text area.
- A "URL to WSDL service definitions:" label followed by a text input field containing the URL: `http://den04jgs.us.oracle.com:8001/jde/wsd/oasis/names/tc/wsrp/v1/bind/wsrp_service.wsdl`.
- Three radio button options:
 - I want to specify the user attributes that should be passed to this Producer.
 - I want to specify the port settings for this Producer.
 - I want to set titles and descriptions for other languages.
- At the bottom left, there are two buttons: "OK" and "Cancel".

5. Verify or enter the Edit Producer URL. Click OK.

The screenshot shows the 'Web Service Configuration' window. At the top, there is a success message: 'EJPAM1082I: Producer wsdl file processed successfully.' Below this, the section 'Port settings for Producer:' is followed by a help icon and the text: 'Click Edit to set the transport URLs and other port specific information for this Producer.' A table displays the port settings, with columns for 'Port name', 'Supports HTTP', 'Supports HTTPS', 'Selected Transport', and 'Service reference'. The table lists four rows: 'Service description', 'Management', 'Markup', and 'Registration'. Each row has a checkmark in the 'Supports HTTP' column and 'HTTP' in the 'Selected Transport' column. There are edit icons in the 'Service reference' column for each row. The table is paginated as 'Page 1 of 1'. At the bottom left, there are 'Next' and 'Cancel' buttons.

Port name	Supports HTTP	Supports HTTPS	Selected Transport	Service reference
Service description	✓		HTTP	
Management	✓		HTTP	
Markup	✓		HTTP	
Registration				

6. Click Edit to set the transport URLs and other port specific information for this Producer. Click Next.



Web Service Configuration

EJPAM1080I: Created the Producer successfully.

Search by: Search:

Producer Click New Producer to 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 work with the Producer.

Title	Description	In use	WSRP version	
E1_Menu			V2	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Assign"/>

Page 1 of 1

7. Add a New Producer if needed.

Web Service Configuration

EJPAM1080I: Created the Producer successfully.

Search by: Title starts with Search: Search

Producer Click New Producer to 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 work with the Producer.

New Producer

Title	Description	In use	WSRP version
E1_Menu		V2	

8. Select Web Modules below Portlet Management.

The screenshot shows the 'Manage Web Modules' interface in the IBM WebSphere Portal. The breadcrumb trail is 'WebSphere Portal > Portlet Management > Web Modules'. The left sidebar contains navigation options such as 'Welcome', 'Portal User Interface', 'Portlet Management', 'Access', 'Portal Settings', and 'Portal Content'. The main content area is titled 'Manage Web Modules' and includes a search bar with the criteria 'File name starts with'. Below the search bar is a 'Web module' instruction: 'Click Install to install a Web module. Select a Web module to view its portlet applications and portlets. Click Delete to remove the Web module from your portal or click Assign Access to allow others to work with the Web module.' There are 'Install' and 'Consume' buttons. A table lists the following web modules:

Name	API Type	Status
wp.portlet.thememanager.war	JSR 286	
wp.portlet.themecreator.war	JSR 286	
wp.portlet.themeproperties.war	JSR 286	
wp.federated.documents.picker.portlet.war	JSR 286	
wp.portlet.sitemap.war	JSR 286	
site-builder.war	JSR 286	
wp.portlet.createcontent.war	JSR 286	
login.war	JSR 168	
selfcare.war	JSR 168	
wsrpproxy.war	JSR 286	

9. Click the Consume button.

Manage Web Modules

Consume Web Service, Step 1: Choose Producer.

Choose a Producer from the list below to view services to consume. Or, search for a Producer and choose one from the search results to view services.

Search by: Search: **Search**

Web Service Producers

Title	Description
E1 Menu	

Page 1 of 1

Cancel

10. Click the E1_Menu hyperlink.

The screenshot shows the 'Manage Web Modules' dialog box in the IBM WebSphere Portal. The dialog is titled 'Manage Web Modules' and contains the following elements:

- Manage Web Modules** (Title bar)
- Consume Web Service, Step 2: Choose Web service.** (Section header)
- Instructions: "Choose a Web service from this Producer to consume. Or, search for a service within this producer and choose one from the search results to consume."
- Search interface: "Search by: Title contains" (dropdown), "Search: E1Menu" (input field), and "Search" (button).
- Navigation: "Web Service Producers > E1_Menu" (link)
- Table of results (Page 1 of 1):

<input type="checkbox"/>	Title	Group (Portlet Application)	Description
<input checked="" type="checkbox"/>	E1Menu_den04jgs.us.oracle.com:8001	E1	E1Menu
- Buttons: "OK" and "Cancel" (at the bottom left).

11. Click OK.









































Manage Web Modules □


i EJPAQ18011: Web module(s) have been consumed.

Search by: File name starts with ▾ Search: Search

Web module Click Install to install a Web module. Select a Web module to view its portlet applications and portlets. Click Delete to remove the Web module from your portal or click Assign Access to allow others to work with the Web module.

Install Consume

Name	API Type	Status	
wp.portlet.thememanager.war	JSR 286		   
wp.portlet.themecreator.war	JSR 286		   
wp.portlet.themeproperties.war	JSR 286		   
wp.federated.documents.picker.portlet.war	JSR 286		   
wp.portlet.sitemap.war	JSR 286		   
site-builder.war	JSR 286		   
wp.portlet.createcontent.war	JSR 286		   
login.war	JSR 168		   
selfcare.war	JSR 168		   
wsrproxy.war	JSR 286		   

Page 1 of 8 ▶▶ Jump to page: 

- Click the Install icon to install a Web module. select a Web module to view its portlet applications and portlets. Click Delete to remove the Web module from your portal or click Assign Access to allow others to work with the Web module.

WebSphere Portal > Portal User Interface > Manage Pages

Welcome

Portal User Interface

- **Manage Pages**
- Themes and Skins
- Page Templates

Portlet Management

- Web Modules
- Applications
- Portlets
- Web Services
- Virtual Web Application Manager

Access

- Users and Groups
- Resource Permissions
- User and Group Permissions

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and uris. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: **Title starts with** Search: **Search**

[Select Page](#)

My pages Add, Edit, Delete, and Reorder pages

Title	Unique name or Identifier	Status
Content Root	wps.content.root	Active

Page 1 of 1

13. Click Manage Pages.

WebSphere Portal > Portal User Interface > Manage Pages

Welcome

Portal User Interface

- **Manage Pages**
- Themes and Skins
- Page Templates

Portlet Management

- Web Modules
- Applications
- Portlets
- Web Services
- Virtual Web Application Manager

Access

- Users and Groups
- Resource Permissions
- User and Group Permissions

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and uris. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: Search:

[Select Page](#)

My pages Add, Edit, Delete, and Reorder pages

Page 1 of 1		
Title	Unique name or Identifier	Status
Content Root	wps.content.root	Active

Page 1 of 1

14. Click the Content Root Hyperlink.

The screenshot displays the IBM WebSphere Portal administration interface. At the top, there is a navigation bar with the IBM logo, user information (JDE), and actions (Actions, Log Out). A search bar is also present. Below the navigation bar, the breadcrumb trail reads: WebSphere Portal > Portal User Interface > Manage Pages.

The left sidebar contains a navigation menu with the following categories and items:

- Welcome
- Portal User Interface
 - Manage Pages (highlighted)
 - Themes and Skins
 - Page Templates
- Portlet Management
 - Web Modules
 - Applications
 - Portlets
 - Web Services
 - Virtual Web Application Manager
- Access
 - Users and Groups
 - Resource Permissions
 - User and Group Permissions
 - Credential Vault
- Portal Settings
 - Global Settings
 - Custom Unique Names
 - Supported Markups
 - Supported Clients
 - Import XML
- Portal Content

The main content area is titled "Manage Pages" and includes a help message: "Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and uris. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help." Below this is a search bar with a dropdown menu set to "Title starts with" and a "Search" button.

The "Select Page" dropdown is set to "Content Root". Below this, there are three buttons: "New Page", "New Label", and "New Page from...".

A table titled "Pages in Content Root" lists the following pages:

Title	Unique name or Identifier	Status	Actions
Home	ibm.portal.Home	Active	[Dropdown] [Print] [Export] [Share] [Delete]
Administration	ibm.portal.Administration	Active	[Up] [Down] [Print] [Export] [Share] [Delete]
Applications	ibm.portal.page.Applications	Active	[Up] [Down] [Print] [Export] [Share] [Delete]
Search Center	ibm.portal.Search	Active	[Up] [Down] [Print] [Export] [Share] [Delete]
Page Customizer	ibm.portal.Page Customizer	Active	[Up] [Down] [Print] [Export] [Share] [Delete]
Shared Pages	ibm.portal.sharedPages	Active	[Up] [Down] [Print] [Export] [Share] [Delete]
Hidden Pages	ibm.portal.HiddenPages	Active	[Up] [Print] [Export] [Share] [Delete]

The table is paginated, showing "Page 1 of 1" at the bottom right.

15. Click the New Page button.

New page: Content Root

Use the controls below to work with your pages to specify your page properties. Expand Options to choose...

Title:
E1Menu

Unique Name:
E1Menu

Theme:
----Portal Default Theme----

Icon:

I want to make this page my private page

Aggregation - Render Mode:
This setting will revert to SSA during runtime if the theme assigned with the page does not support CSA.

Inherit Parent Render Mode
 Client Side Aggregation - Rendering
 Server Side Aggregation - Rendering

Page Properties

Type of Page

Page Cache Options

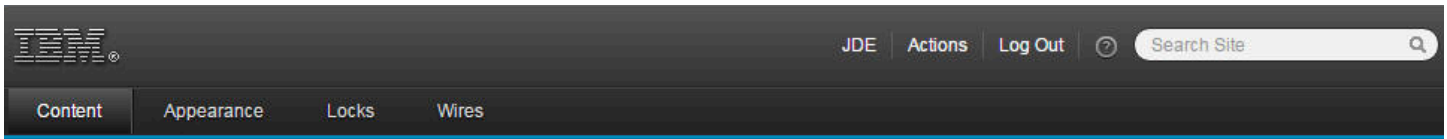
OK Cancel

16. Fill in the Title and a Unique Name fields and then click the OK button.

The screenshot displays the 'Manage Pages' interface in the IBM WebSphere Portal. The left-hand navigation pane includes sections for 'Portal User Interface', 'Portlet Management', 'Access', 'Portal Settings', and 'Portal Content'. The main content area is titled 'Manage Pages' and contains a search bar, a 'Select Page' dropdown set to 'Content Root', and a table of pages. The table has columns for 'Title', 'Unique name or Identifier', and 'Status'. Below the table are buttons for 'New Page', 'New Label', and 'New Page from...'. A mouse cursor is hovering over the 'Edit Page Layout' button for the 'E1Menu' page.

Title	Unique name or Identifier	Status	
Home	ibm.portal.Home	Active	[Icons]
Administration	ibm.portal.Administration	Active	[Icons]
Applications	ibm.portal.page.Applications	Active	[Icons]
Search Center	ibm.portal.Search	Active	[Icons]
Page Customizer	ibm.portal.Page Customizer	Active	[Icons]
Shared Pages	ibm.portal.sharedPages	Active	[Icons]
Hidden Pages	ibm.portal.HiddenPages	Active	[Icons]
E1Menu	E1Menu	Active	[Icons]

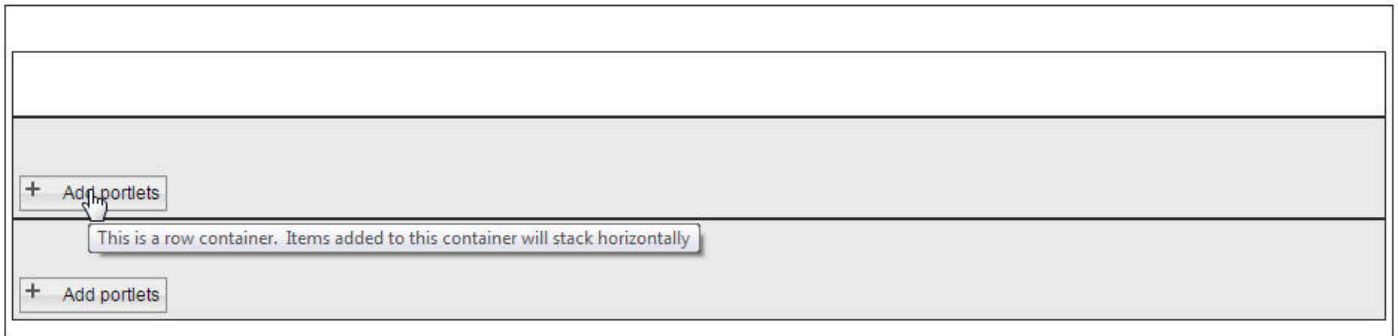
17. Click the Edit Page Layout icon.



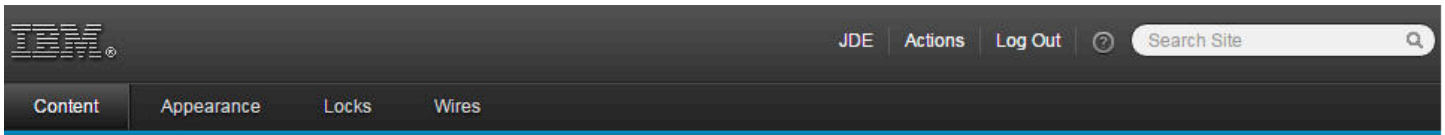
Edit Layout allows you to add, remove and arrange portlets. Modifications occur as you make them. This page is rendered by a layout template, which specifies how the containers will be positioned on the page. The containers displayed below are a flat list of the containers used by the template, so the visual representation may not reflect how or where the content is rendered on the page.

Page title: E1Menu


[Show Portlet Rule Mappings](#)



18. Click the Add Portlets button.



 EJP AE01151: New portlets are added successfully.

 Edit Layout allows you to add, remove and arrange portlets. Modifications occur as you make them. This page is rendered by a layout template, which specifies how the containers will be positioned on the page. The containers displayed below are a flat list of the containers used by the template, so the visual representation may not reflect how or where the content is rendered on the page.

Page title: E1Menu

[Show Portlet Rule Mappings](#)

E1Menu_den04jgs.us.oracle.com:8001

+ Add portlets

+ Add portlets



19. When you have added the portlets that you need, click the Done button.

The screenshot shows the IBM WebSphere Portal administration interface. At the top, there is a navigation bar with the IBM logo, user information (JDE), and links for Actions and Log Out. A search bar is also present. Below the navigation bar, there are tabs for Content, Appearance, Locks, and Wires. A search filter is set to 'Title starts with' with an empty search box and a 'Search' button. The main area displays a table of portlets with columns for Portlet Title, Description, Unique name, and Remote portlet. The portlet 'E1Menu_den04jgs.us.oracle.com:8001: E1Menu' is selected with a checkmark. At the bottom of the table, there are 'Page 1 of 10' and 'Jump to page: 1' controls. Below the table, there are 'OK' and 'Cancel' buttons.

Portlet Title	Description	Unique name	Remote portlet
<input type="checkbox"/> Theme Manager	Portlet to manage all themes with create, edit, import, export and more	wps.p.thememanager	
<input type="checkbox"/> Theme Creator	Portlet to create themes within the context of a browser	wps.p.themecreator	
<input type="checkbox"/> Edit Theme Properties	Portlet to edit theme properties within the context of a browser	wps.p.themeproperties	
<input type="checkbox"/> Federated Documents Picker	Portlet to access and browse enterprise content management systems supporting the CMIS standard	wps.p.FedDocsPicker	
<input type="checkbox"/> SiteMap Portlet		wps.p.SiteMapTab	
<input type="checkbox"/> Default Link Web Content Viewer	Display Web Content	wps.p.dnd.wcm.link	
<input type="checkbox"/> Site Builder		ibm.portal.sitebuilderportlet	
<input type="checkbox"/> Create Content portlet plugin		wps.p.CreateContent	
<input checked="" type="checkbox"/> E1Menu_den04jgs.us.oracle.com:8001: E1Menu			E1_Menu
<input type="checkbox"/> Login	User authentication portlet	wps.p.Login	

20. Select the E1 Menu and click OK.

The screenshot shows the 'Manage Pages' interface in the IBM WebSphere Portal. The breadcrumb trail is 'WebSphere Portal > Portal User Interface > Manage Pages'. The left sidebar contains various navigation options like 'Welcome', 'Portal User Interface', 'Manage Pages', 'Themes and Skins', 'Page Templates', 'Portlet Management', 'Web Modules', 'Applications', 'Portlets', 'Web Services', 'Virtual Web Application Manager', 'Access', 'Users and Groups', 'Resource Permissions', 'User and Group Permissions', 'Credential Vault', 'Portal Settings', 'Global Settings', 'Custom Unique Names', 'Supported Markups', 'Supported Clients', 'Import XML', 'Portal Content', and 'Web Content Libraries'. The main content area is titled 'Manage Pages' and includes instructions on how to work with pages. Below the instructions is a search bar with a dropdown menu set to 'Title starts with' and a 'Search' button. Underneath is a 'Select Page' dropdown menu set to 'Content Root'. A section titled 'Pages in Content Root' includes buttons for 'New Page', 'New Label', and 'New Page from...'. A table lists the pages, with 'E1Menu' selected. The table has columns for Title, Unique name or Identifier, and Status. The 'E1Menu' row is highlighted, and its status is 'Active'. The table also includes icons for editing and deleting pages.

Title	Unique name or Identifier	Status
Home	ibm.portal.Home	Active
Administration	ibm.portal.Administration	Active
Applications	ibm.portal.page.Applications	Active
Search Center	ibm.portal.Search	Active
Page Customizer	ibm.portal.Page Customizer	Active
Shared Pages	ibm.portal.sharedPages	Active
Hidden Pages	ibm.portal.HiddenPages	Active
E1Menu	E1Menu	Active

21. The Manage Pages screen will display.

WebSphere Portal > Portal User Interface > Manage Pages

Welcome

Portal User Interface

- Manage Pages
 - Themes and Skins
 - Page Templates

Portlet Management

- Web Modules
- Applications
- Portlets
- Web Services
- Virtual Web Application Manager

Access

- Users and Groups
- Resource Permissions
- User and Group Permissions
- Credential Vault

Portal Settings

- Global Settings
- Custom Unique Names
- Supported Markups
- Supported Clients
- Import XML

Portal Content

- Web Content Libraries

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and urls. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: Title starts with Search: Search

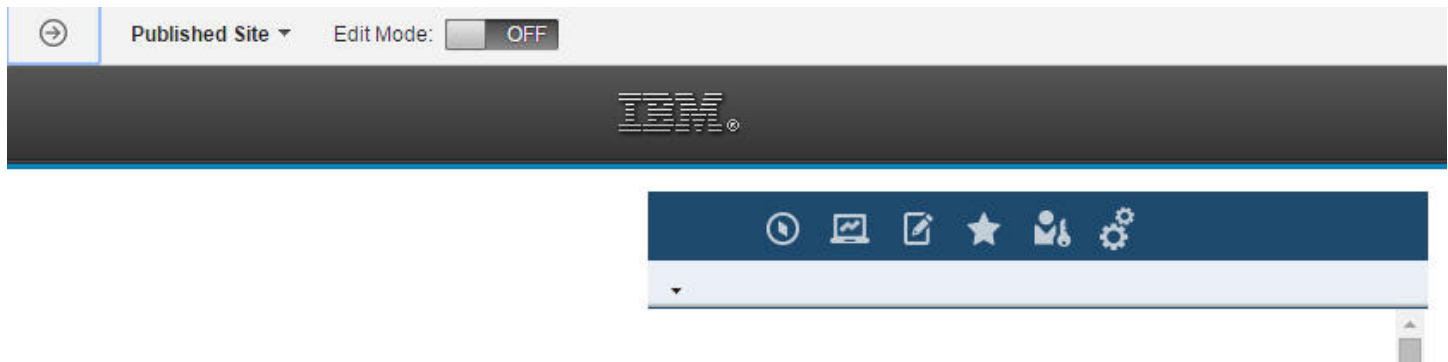
Select Page > Content Root

Pages in Content Root Add, Edit, Delete, and Reorder pages

Title	Unique name or Identifier	Status	
Home	ibm.portal.Home	Active	
Administration	ibm.portal.Administration	Active	
Applications	ibm.portal.page.Applications	Active	
Search Center	ibm.portal.Search	Active	
Page Customizer	ibm.portal.Page Customizer	Active	
Shared Pages	ibm.portal.sharedPages	Active	
Hidden Pages	ibm.portal.HiddenPages	Active	
E1Menu	E1Menu	Active	

Page 1 of 1

22. Select E1 Menu from the dropdown menu in the upper right area of the toolbar.



23. The E1 Menu icons will display.

This completes the successful registration of the WSRP Producer.

Registering a New SSL WSRP Producer

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

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.

```
<wsdl:service name="WSRPService">
  <wsdl:port binding="bind:WSRP_v1 Markup Binding SOAP" name="WSRPBaseService">
    <soap:address location="https://DENQAS4:92/jde/services/WSRPBaseService">
  </wsdl:port>
  <wsdl:port binding="bind:WSRP_v1 ServiceDescription Binding SOAP" name="WSRPServiceDescriptionService">
    <soap:address location="https://DENQAS4:92/jde/services/WSRPServiceDescriptionService">
  </wsdl:port>
</wsdl:service>
```

3. Login to the WebSphere Portal Integrated Solution Console.
4. Select "SSL certificate and key management" from the "Security" section.
5. 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.

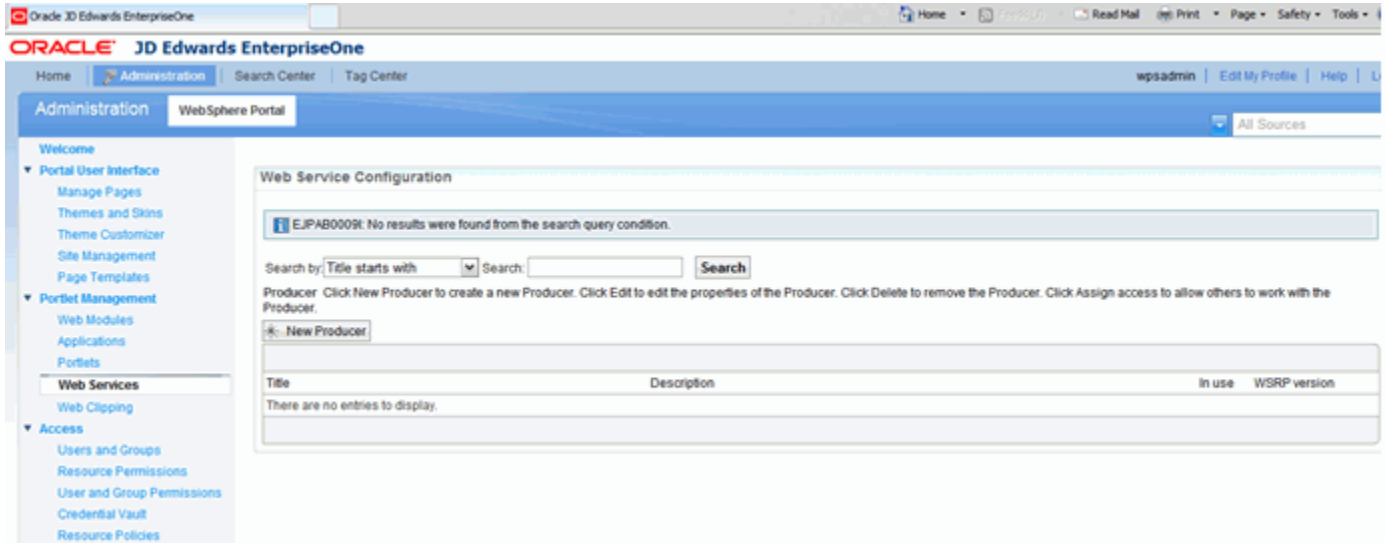
Note: If the Portal Server cannot retrieve the certificate automatically, you can export and save the producer's certificate in "Base_64 encoded X.509" format to ../WebSphere/wp_portal/etc folder. Then select the "Add" button from "Signer certificate" option. Enter the Alias and the certificate file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

9. Review the certification information and click "OK".

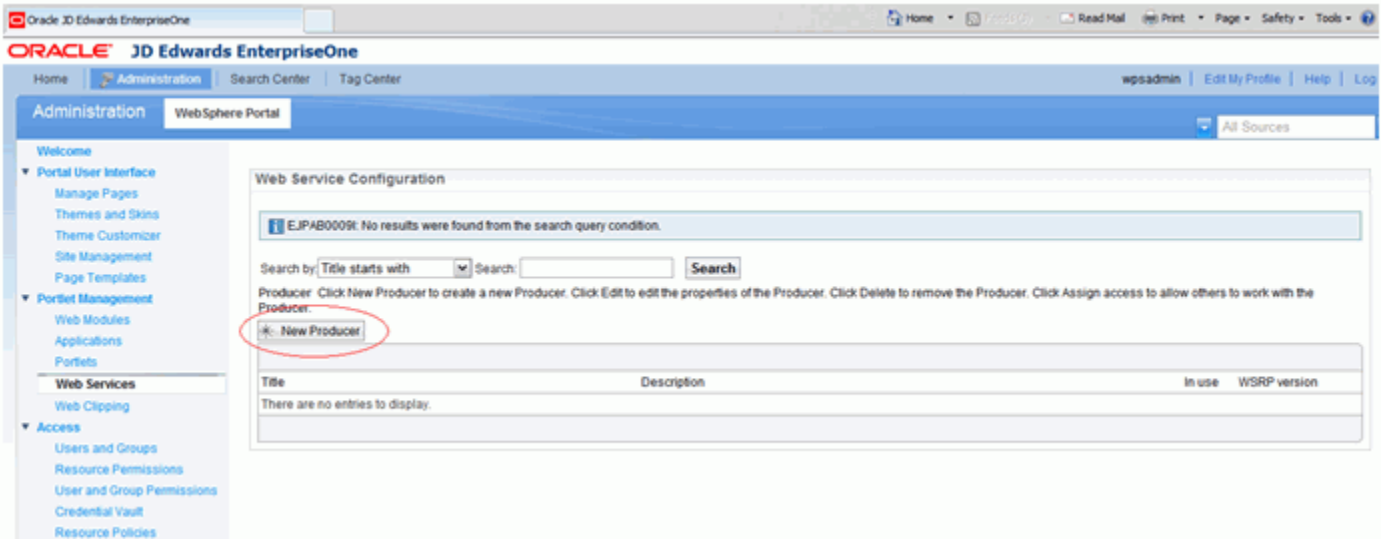
10. Click "Save" to update the master configuration.

Register a New SSL WSRP Producer

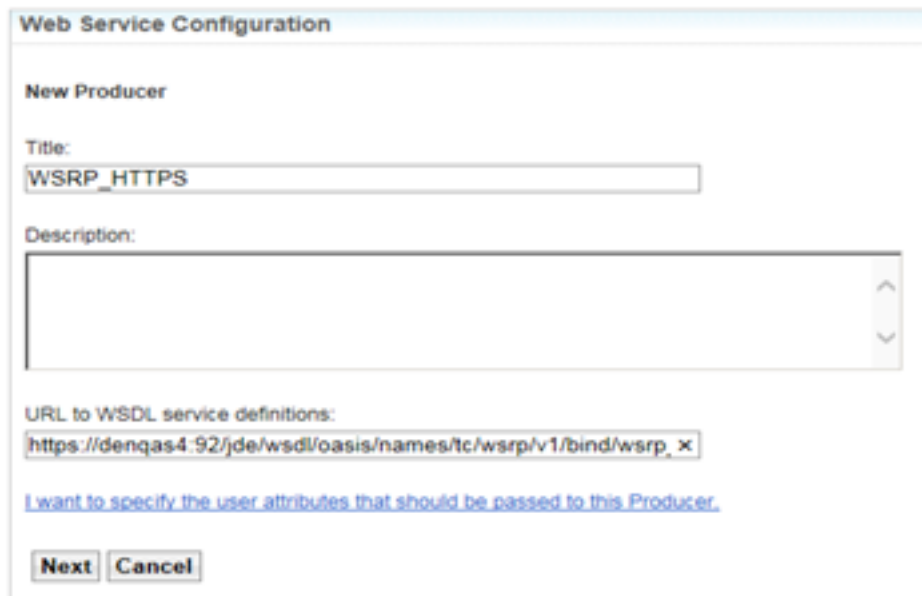
1. Login to the WebPort Portal Server with Administrator privilege.
2. Click on the "Web Services" link from the Portlet Management portlets.



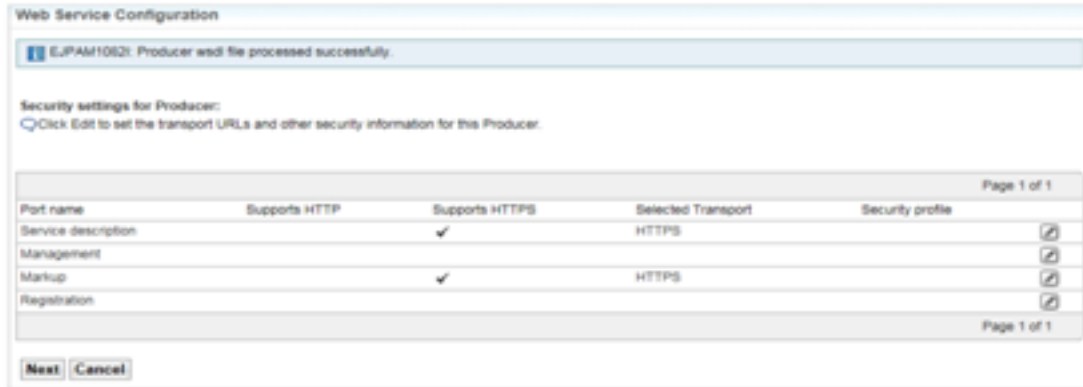
3. Click the New Producer button.



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/wsd1/oasis/names/tc/wsrp/v1/bind/wsrp_service.wsdl`



4. Click the Next button again to proceed.



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

4 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