BEA WebLogic Portal™

Release Notes

Contents

BEA WebLogic Portal 8.1 Service Pack 3 Release Notes

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Note: For updated release notes, consult the BEA documentation Web site at the following URL: http://e-docs.bea.com.

What's New in BEA WebLogic Portal 8.1 Service Pack 3

WebLogic Portal includes many powerful tools and services that make portal development and management substantially faster and easier. For a detailed description of new portal features and enhancements, see the WebLogic Platform 8.1 Service Pack 3 Release Notes at the following location: http://edocs.bea.com/platform/docs81/relnotes/relnotes.htm.

Upgrade Information

If you developed applications using a prior version of BEA WebLogic Portal 8.1, consult the Upgrade Guide at http://edocs/wlp/docs81/index.html for information on making your previous data and customization available to the BEA WebLogic Portal 8.1 Service Pack 3 release.

Location of Supported Platform Information

For more information on platform support, including hardware and software requirements, see the Supported Platforms page at the following location:
http://edocs.bea.com/platform/docs81/index.html

Limitations Fixed in 8.1 Service Pack 3

This section lists the limitations from previous versions of WebLogic Portal fixed in 8.1 Service Pack 3.

Limitations Fixed for WebLogic Workshop Portal Extensions

CR Number	Description
112717	PageFlow Portlet behavior changed so that default action (i.e. begin) is not called at page refresh.
112841	'taxonomy' parameter no longer required for UserInfoQuery portal control.
122325	URL rewriting for PageFlow Portlets has changed so that portletInstanceLabel_actionOverride=/modulePath/action instead of just portletInstanceLabel_actionOverride=action
124687	Standalone pageflows do not honor the {url:securePort} token within url-template-config.xml.
126885	Microsoft SQL Server 2000 case-sensitive settings may affect Content Management queries.
127365	mailmanager script has incorrect username and password.
129432	load_cm_data.cmd displays a NoClassDefFoundError when the CLASSPATH environment variable is too long.
129434	User or Group creation appears to fail in a cluster with Default Authentication Provider.

Limitations Fixed for WebLogic Administration Portal

CR Number	Description
101788	Tree Framework error in large trees.
109665	Exceptions with content preview for nonexistent user.

Limitations Fixed for WebLogic Portal Framework

CR Number	Description
107125	HTML Entity References not supported.
108453	Input Line Too Long" Errors on Starting WebLogic Server.
109791	When using Internet Explorer and uploading a file of zero bytes to the Content Management system via the Weblogic Administration Portal, you receive a warning message that the page has expired.
110846	P13N Request wrapper implements getRemoteAddr(), getRemoteHost().
112873	Password of the principal in LDAPPropertyManager configuration needs to be Encrypted.
123269	Sample NT Service Script for Portal.
124296	Portal pages rendered by Netscape 7.0 have oversized width for column.
126027	DRE Port Number incorrectly specified in ODBCFetch file.
126180	JavaPortlet containerthrows NullPointerExceptions when weblogic-portal is present in a portal webapp.
126841	The 'visible' property for an editable book may not reflect the accurate value.

Limitations Fixed for Search

CR Number	Description
099268	Portal Search Engine is not able to index some languages.

Limitations Fixed for Third Parties

CR Number	Description
109446	A change of Language is not detected if a user is logged in.

Limitations Fixed for Database

CR Number	Description
120519	Database Page Size need to be 8K.

Limitations Fixed in 8.1 Service Pack 2

This section lists the limitations from previous versions of WebLogic Portal fixed in 8.1 Service Pack 2.

Limitations Fixed for WebLogic Workshop Portal Extensions

CR Number	Description
106765	When using the directory restriction feature of the My Content sample portlet, content nodes do not appear.
109773	Portal drag and drop: unsupported drop actions cause portlets and books to disappear in portal design view.
110356	When using the Tracked Anonymous User capability, the <um:createUser> JSP tag and createUserControl require the attribute "doPostProcess" to be set to "true."
110740	Once a Theme is set on a portal resource, such as a page or portlet in the Weblogic Workshop Portal Designer, it cannot be removed in the Property Editor window.
110743	Using browse to set values for selected, rollover, and unselected image properties may result in inaccurate URI.
110746	WebLogic Workshop becomes inoperable and gets WebLogic Server errors when using Install Portal option from WebLogic Workshop while server is running.

110753	Unexpected error dialog appears when dragging from calendar picker in campaign, property set, placeholder, segment, discount, and content selector editors.
110830	Receive errors in the Weblogic Workshop Portal Designer when setting "Navigation" and "Editable" properties on a book.
111043	Portal Designer "inverting" unselected and selected page/book images.
111419	Leaving the Rollover Image property blank causes undesirable browser rendering behavior.

Limitations Fixed for WebLogic Administration Portal

CR Number	Description
108228	Role definitions not updated when users or user groups are deleted.
108918	Unable to create a desktop from a portal template (.portal file) which contains a book that holds no pages.
109457	User-group associations with entitlements and delegated administration roles cannot be reformed once deleted.
110201	`UserManagementException` is thrown when updating group properties.
110399	Console error received when modifying a campaign via the WebLogic Administration Portal in an application deployed in enterprise archive (.ear) format
110572	Entitlements Roles with Titles that Include Apostrophes are not Associable.
110716	Delegated Administration and Entitlement roles cannot be predicated on a User Property Set property of type "Date/Time".
111091	Unable to update clauses based on a 'visitor's characteristic' which is based upon a Restricted Date/Time property.
111092	Occasional problems moving page/book order in books in library
111766	Error when changing the Theme of a Book Instance in a Desktop that has already been changed.

Limitations Fixed for WebLogic Portal Framework

CR Number	Description
108063	Context root change may cause servlet deployment error
108349	Startup problems when installing into directory names with spaces.
109937	Deployment of a new Portal Application may fail when the server is already running.
110091	Changing placement of books/pages/portlets may not cascade.
110476	Tutorial Portal: portlet preferences page editing problems.
111175	Cascading style sheets require correct mime-type for Netscape/Mozilla browsers.
111362	In portal compatibility mode, the following entitlement exception occurs: javax.servlet.jsp.JspException: An error occurred in EntitlementHelper.

Limitations Fixed for Third Parties

CR Number	Description
103202	YahooIntegration: JavaScript function required to be present for Yahoo! Content.
111161	Collaboration portlets setup instructions incomplete in WebLogic Workshop.

Known Limitations and Workarounds in BEA WebLogic Portal 8.1 Service Pack 3

This section groups the known limitations and workarounds for WebLogic Portal 8.1 Service Pack 3 issues by product area. For more information, see the following sections:

- WebLogic Workshop Portal Extensions
- WebLogic Administration Portal
- Portal Framework
- Search

- Third-Party

- Database

WebLogic Workshop Portal Extensions

This section lists the known limitations and workarounds stemming from issues involving the Portal extensions in BEA WebLogic Workshop Platform Edition.

BUG37616	**Intermittent deployment error when building/deploying a portal application from in WebLogic Workshop to a running server**	
	Description	When using WebLogic Workshop to build/deploy a portal application with a server running, an intermittent deployment error can occur. The symptom is one or more dialogs that say "Error Communicating with Server." This message is usually harmless, and the deployment succeeds. In some cases, a ClassCastException is also dumped in the server Administration Console log, and the deployment does not succeed. In the WebLogic Server Administration Console, the application may be listed in state "inactive" and the application deployment/removal task may be stuck in state "Running" as shown in the WebLogic Workshop status bar.
	Platform	All.
	Workaround	If no exception is logged in the server Administration Console, then there is no problem. The deployment is successful, and the error dialog can be safely ignored. If a ClassCastException is logged in the server console, you may need to restart the server and possibly WebLogic Workshop.
CR099156	**Make data type terminology consistent throughout the BEA WebLogic Workshop Platform Edition and the Administration Portal**	

Description	Data types are named differently in BEA WebLogic Workshop Platform Edition and the Virtual Content Repository in the Administration Portal.
Platform	All
Workaround	Please use the following comparison for guidance:

Administration Portal – Content Management Tools	BEA WebLogic Workshop Platform Edition
String	Text
Numeric	Integer
Double	Float
Calendar	Date/Time
Boolean	Boolean (same, except in WebLogic Workshop, Boolean can only be True or False. In Content Management, it can be True, False, or Undefined
Binary	User-Defined (which can contain any data type.)

CR103681   **Administration portal URL is not updated automatically if the application is renamed.**

Description	By default, the standard portal web modules `adminPortal.war`, `wps-toolSupport.war` (or `toolSupport.war` if commerce is installed in the application), and `datasync.war` use a naming convention for their context paths that is based upon the application name.
	For example, if the application name is `myApp`, then `adminPortal.war` is at `myAppAdmin`, `wps-toolSupport.war` is at `myAppTool`, and `datasync.war` is at `myAppDatasync`. If you change the name of the application when deploying it from outside WebLogic Workshop, these context paths are not automatically updated to match the new application name. This can occur if the application was built as an `EAR` and deployed to a production machine.
Platform	All
Workaround	Update the context paths for `adminPortal.war`, `wps-toolSupport.war` (or `toolSupport.war` if commerce is installed), and `datasync.war`.

1. In WebLogic Workshop, right-click the module
2. Select Edit Context Path.

or,

1. From outside WebLogic Workshop, edit the `META-INF/application.xml` of the application.

CR106758	**Parse exceptions may occur in server console when duplicating user segments and content selectors**

	Description	When a `.seg` or `.sel` file is duplicated but not opened in WebLogic Workshop, the following message can occur in the server window: `<May 20, 2003 6:10:38 PM MDT> <Error> <Rules> <BEA-401004> <An error occurred par sing the rule set XML document with URI /segments/GlobalClassifications.rls. Refer to the root cause below. com.bea.p13n.expression.internal.parser.ParseExcepti on: The parsing engine has encountered a fatal error condition; see embedded exception for details. (a duplicated .sel will say 'URI /contentselectors/GlobalContentSelectors.rls').`  Once the segment or selector is opened in WebLogic Workshop, Workshop will update data inside the duplicate file and the parse exception will not occur again nor cause any problems. This is caused by the `<cr:name>` attribute in the file not getting updated to match the file name for the duplicate file during file duplication.
	Platform	All.
	Workaround	Always be sure to open the duplicate file in WebLogic Workshop to get the internal data updated.
CR109495	**A default locale must be configured on all machines running WebLogic Server**	
	Description	If a default locale is not configured on a machine, and the user running WebLogic server also does not have a default locale configured, the `getmessage` JSP extension tag will throw this error: a variant cannot be provided without a country, and a country cannot be provided without a language
	Platform	Solaris, Linux.
	Workaround	Make sure that a default locale is set on the machine(s) running WebLogic Server.
CR110697	**Non-portal web applications using p13n_controls will see lots of generated EJBs in the config.xml file**	

Description	Portal controls are application-scoped. The controls are packaged and behave correctly for a Portal web application. However, for non-portal web applications, the user will see the individual EJBs deployed (for example, many entries in `config.xml`) for each portal control.
Platform	All.
Workaround	Workaround: to use Portal controls, do one of two things: 1. Create a Portal web application (recommended) 2. Create a non-Portal web application, and copy the `wlw-config.xml` file from sampleportal (`$BEA_HOME/weblogic/samples/portal/portalApp/samplep ortal/WEB-INF`) into your web application's WEB-INF folder.

CR110749 **Portlets containing Page Flows that were created with the Page Flow Wizard may affect the look and feel of a portal when the page on which the portlet is displayed is selected.**

Description	Page Flows which are generated with the Page Flow Wizard create conflicting style sheet settings. These style sheets are loaded by the <netui:template> tags in the generated JSP files associated with the Page Flow. These conflicts can cause the portal to render in unintended fashion.
Platform	All.
Workaround	Edit the JSP files that were generated by the Page Flow Wizard by replacing the following lines <netui-template:template templatePage="/resources/jsp/template.jsp"> <netui-template:setAttribute value="Index" name="title"/> <netui-template:section name="bodySection"> with <netui:html>

CR112171 **WebLogic Workshop does not merge application configuration files or deployment descriptors upon application or project import.**

Description	When importing an existing portal application into WebLogic Workshop, the WebLogic Workshop will back up the old application configuration files (`application.xml` and `weblogic-application.xml`) and create new ones.
	The same issue occurs when you import existing Web applications (`web.xml` and `weblogic.xml` are backed up and new files are created).
	There creation of new application configuration files and deployment descriptors causes two problems:
	• The new files do not include entries and modification from the backed up files.
	• The new `weblogic-application.xml` may not have the required `<application-classloader>` entries.
Platform	All.
Workaround	1. Manually edit the new `*.xml` files and add the entries that had existed in the old `*.xml` files.
	2. Add `<application-classloader>` tags around individual modules in the `weblogic-application.xml` file.

CR116909   **java.sql.SQLException: Data exception -- string data right truncation on PF_MARKUP_DEFINITION DB table**

Description	In WebLogic Workshop, adding portlet preferences to a portlet beyond a certain number causes an XML truncation error
	`(java.sql.SQLException: Data exception -- string data right truncation)`
Platform	All.
Workaround	If you receive this exception:

```
[javax.transaction.TransactionRolledbackException:
EJB Exception: :
```
```
javax.ejb.EJBException: SQL Error while trying to
UpdateMarkupDefinition on
```
```
8002: SQL [update PF_MARKUP_DEFINITION set
MARKUP_TYPE = ?, MARKUP_NAME = ?,
```
```
WEBAPP_NAME = ?, MARKUP_FILE = ?, BEGIN_XML = ?,
END_XML = ? where MARKUP_DEFINITION_ID = ?] database
error code [25,201] SQL state [22001] .; nested
exception is: java.sql.SQLException: Data exception
-- string data right truncation.
```

Either add these preferences to the portlet via the portal Adminsitration Portal or alter the varchar size of 2 columns (`begin_xml/end_xml`) in the following table:

```
CREATE TABLE PF_MARKUP_DEFINITION (
        MARKUP_DEFINITION_ID INTEGER NOT NULL,
        CREATION_DATE       TIMESTAMP DEFAULT
CURRENT_TIMESTAMP NOT NULL,
        MODIFIED_DATE       TIMESTAMP DEFAULT
CURRENT_TIMESTAMP NOT NULL,
        MARKUP_NAME         VARCHAR(255) NOT NULL,
        MARKUP_TYPE         VARCHAR(20) NOT NULL,
        BEGIN_XML           VARCHAR(2000) NOT NULL,
        END_XML             VARCHAR(2000) NULL,
        MARKUP_FILE         VARCHAR(255) NULL,
```

```
        WEBAPP_NAME             VARCHAR(80) NULL
);
```

to something larger, for example:

```
CREATE TABLE PF_MARKUP_DEFINITION (
        MARKUP_DEFINITION_ID INTEGER NOT NULL,
        CREATION_DATE        TIMESTAMP DEFAULT
CURRENT_TIMESTAMP NOT NULL,
        MODIFIED_DATE        TIMESTAMP DEFAULT
CURRENT_TIMESTAMP NOT NULL,
        MARKUP_NAME          VARCHAR(255) NOT NULL,
        MARKUP_TYPE          VARCHAR(20) NOT NULL,
        BEGIN_XML            VARCHAR(4000) NOT NULL,
        END_XML              VARCHAR(4000) NULL,
        MARKUP_FILE          VARCHAR(255) NULL,
        WEBAPP_NAME          VARCHAR(80) NULL
```

CR120301	**Cannot create an entitlement using the CONTAINS operator with a user profile property.**
Description	An `ExpressionException` will be thrown if an entitlement is created with the form: `myUserProfileProperty CONTAINS "sample"`
Platform	All.
Workaround	Specifying a default value for the user profile property in Workshop will avoid this issue.

CR122213	**Search support for Asian locales is not included in the 8.1 distribution**
Description	The "WebLogic Portal Search Support for Asian Locales" package is not included with the 8.1 distribution because of its size.
Platform	All.
Workaround	Download the Asian locale package from http://dev2dev.bea.com/codelibrary/code/portal_asian.jsp The files in this distribution enable Chinese, Japanese, Thai, and Korean to be indexed by the WebLogic Portal 8.1 search engine with one exception. The Japanese locale is not available on Linux platforms even after applying the Asian locale pack.

CR123128	**Rules expressions will continue to accept 'role' even though it's been deprecated**	
	Description	The rules manager is able to recognize 'special' objects because those have been defined in 'parser-mapping-type.properties' in the expressions package. For example, the ruleset can refer to 'role', which represents the class com.bea.p13n.entitlements.common.Role. But that class has been deprecated.
		The Role class is useful to the rules engine because it allows a specific object type (Role) to be identified and inspected, rather than just a String called "PortalSystemAdministrator", for example. This class will likely remain 'undeprecated' and in the public API so the rules authors could use it.
		There is no other class available to use at this time.
	Platform	All.
	Workaround	Ignore the 'deprecated' attribute for the class and continue to use it until a replacement is available.
CR124038	**Some custom layouts may not be displayed properly in the WebLogic Workshop's Portal Builder**	
	Description	Custom layouts that are created with complex tables can cause WebLogic Workshop's Portal Builder to display the layout incorrectly. The rendered portal's layout is correct but the representation of it in WebLogic Workshop is not.
	Platform	All.
	Workaround	Contact Weblogic Portal Support to obtain a patch for this problem.
CR129070	**Portal will not startup in a cluster with Domain Administration Port enabled.**	

Description	The cluster communications used by Portal for MBeans and Datasync do not support use of the Domain Administration Port.
	A message such as the following, followed by several stack traces, will be seen when deploying a portal application to a cluster with the Domain Administration Port enabled:
| | ```
####<Nov 25, 2003 10:43:32 AM MST> <Error> <DataSync>
<myhost> <server1>
<main> <<anonymous>> <> <BEA-400618> <Creation of the
Master Data Repository failed. Application data will
not be available to services. Correct the problem and
redeploy the application.
java.lang.SecurityException: User <anonymous> does
not have access to the administrator port.
``` |
| **Platform** | Cluster |
| **Workaround** | Do not enable the Domain Administration Port when using Portal. |

CR174636 — **Pageflow portlet refreshAction not invoked on nested pageflows.**

Description	The Pageflow portlet refresh action was added to 8.1 GA and SP2 as a patch (CR129301). Unfortunately, there is a bug with Pageflow portlets that forwarded to a second Pageflow (nested or non-nested). In those cases, the refresh action continues to be invoked on the original Pageflow, not the Pageflow to which it was forwarded.
	In 8.1 SP3, this bug has been fixed. The refresh action will always be invoked on the current Page Flow controller.
Platform	All.
Workaround	If you have a Pageflow portlet that uses the refresh action and depends on the original controller being called after a forward to another Pageflow, you will have to change your portlet to account for the correct behavior. You can avoid putting duplicate refresh actions in all your Pageflows by placing a common refresh action in Global.app. The Pageflow portlet can use the action in Global.app for refresh and it will be available to all Pageflows within that portlet.

CR181148 — **The WebLogic Workshop IDE displays a green squiggle under a legitimate Struts action.**

Description	A green squiggle is displayed under a legitimate Struts action in Design View of WebLogic Workshop. The squiggle is not displayed in Source View.
	For example, in the struts/strutsInterop sample, a green squiggle appears in the Design View of `strutsInteropController.jpf` under the Action icon /strutsModule/strutsAction1.
Platform	All.
Workaround	This squiggle can be safely ignored.

CR183554 **Configuration needed for a non-Portal project to serve as a WSRP producer.**

Description	Currently a non-portal project does not have all the necessary files to allow it to be configured as a WSRP Producer. Additional files need to be manually copied into the project.
Platform	All.
Workaround	1. Create a non-portal project under a portal app in WebLogic Workshop.
	2. Copy the `wsrp-struts-adapter.jar` file from BEA_HOME\weblogic81\portal\lib\wsrp\adapters into the project's WEB-INF lib directory.
	3. Right click on the project in the Application window and select Install WSRP Producer.
	4. Start the server.
	Now this web app can be accessed as a WSRP producer.

CR183650 **Using WSRP producer portlets in a non-portal web app.**

Description	For WSDL remote portlets, it is not required that you have a portal license. You may make jpf, jsp, and java remote portlets. Currently WebLogic Workshop requires that you have a portal project installed before allowing you to create `.portlet` files.
Platform	All.
Workaround	1. Create a non-portal project (ex. Web Project) under a portal application in WebLogic Workshop.
	2. Copy the `wsrp-struts-adapter.jar` file into the `WEB-INF lib dir`.
	3. Install WSRP Producer for the project.
	4. Create a pageflow and hand edit a `.portlet` file.
	5. Start the server.
	6. Consume the pageflow portlet under the non-portal project.

WebLogic Administration Portal

This section lists the known limitations and workarounds stemming from issues involving the Administration Portal.

CR109982	**Content Repository cannot be modified if the application is deployed as an enterprise archive (.ear).**	
	Description	Users are not able to add, edit, or remove a Content Repository using the WebLogic Administration Portal when the application is deployed as an enterprise archive (.ear).
	Platform	All.
	Workaround	Deploy the application in an exploded format using a directory-based URI or shut down your server and manually edit the `application-config.xml` file in the enterprise archive (.ear).
CR110422	**When creating a new user in the top-level "everyone (All Users)" node of the Browse User-Groups tree, the resulting link to edit the new user is nonfucntional.**	

Description	When you create a new user in the top-level node of the Browse User-Groups tree, the user is created successfully. However, the resulting page offers a new username link to let you edit the newly created user. The link contains an error, and the result is that the link does not work. A JavaScript error is reported by the browser.
Platform	All.
Workaround	To immediately edit the newly created user, follow these steps:

1. Select the "everyone (All Users)" group.
2. Select the Edit Users page.
3. Search for the newly created user.
4. Click the name of the newly created user.

CR111461 **Cannot add Document Manager or Document Connection Pool Service via the Weblogic Portal Administration tools.**

Description	When attempting to enable the Document Manager and/or the Document Connection Pool service via the Service Administration section of the Weblogic Portal Administration Portal, the services are not added and no indication is given of failure.
Platform	All.
Workaround	The Service Administration section of the Weblogic Administration Portal is a UI for managing the contents of the `application-config.xml` file found in the `META-INF` directory of your WebLogic Portal Enterprise Application. To enable the Document Manager service and/or the Document Connection Pool service for your application, you may follow this procedure: 1. Undeploy your application via the Weblogic Server Console 2. Add the following to the application-config.xml file in the `META-INF` directory of your application, replacing the values as appropriate for your application:

For the Document Manager service:

```
<DocumentManager
Name="default"
DocumentConnectionPoolName="default"
PropertyCase="none"
MetadataCaching="true"
MetadataCacheName="documentMetadataCache"
UserIdInCacheKey="false"
ContentCaching="true"
ContentCacheName="documentContentCache"
MaxCachedContentSize="32768"
/>
```

For the Document Connection Pool service:

```
<DocumentConnectionPool
Name="default"
DriverName="com.bea.p13n.content.document.jdbc.Drive
r"
URL="jdbc:beasys:docmgmt:com.bea.p13n.content.docume
nt.ref.RefDocumentProvider"
Properties="jdbc.dataSource=weblogic.jdbc.jts.commer
cePool;schemaXML=./dmsBase/doc-schemas;docBase=./dms
Base"
InitialCapacity="20"
MaxCapacity="20"
CapacityIncrement="0"
/>
```

3. Redeploy your application.

At this point, you will be able to manage these services via the Weblogic Administration Portal Service Administration section.

CR120390	**Cannot login to Sample Avitek Portal.**	
	Description	The documentation for Sample Avitek Portal instructs users to login as "john", however, authentication fails.
	Platform	All.
	Workaround	In the Administration Portal, create a user called "john" (or any other user name). Once the user is created you can use it to login to the sample.
CR123835	**In Administration Portal deployed as an ear, the placeholder preview does not use the correct tools webapp name, and therefore the images do not show up correctly.**	

Description	The Placeholder preview under Interaction Management in the Administration Portal does not use the right webapp name for image previews. It appears to use the deployed app name + "Tools". This works fine when you're running the application exploded, but if the application is deployed as an .ear to an application name other than the original name, the image preview link uses the wrong application name, and the image is not found.
Platform	All.
Workaround	By dropping the .ear in a running server, the Application Name is generated, and is different from the name of the .ear file, one would imagine different from the desired application name. You can resolve this by doing the following: Open the WebLogic Server console Remove the application that was just generated and deployed (should be something like '_appsdir_earFileName_ear') Go to 'Deploy a new Application', choose your .ear file, and give the application the same name as the .ear file. This will give the application the same name as the tools application, and the preview will then start working.

CR127580   **Options not visible in Compatibility Mode Administration Portal.**

Description	When first accessing the Administration Portal for a domain running in Compatibility Mode, not all Administration options are visible. User Management will appear as the only option. Other options, such as Portal Management, are not visible.
Platform	All.
Workaround	Press the browser Refresh button to refresh the screen, and then all options will appear on the screen. Or, select User Management option, then click the Home button to return to the main Administration page. All options will appear on the screen.

CR128661   **Portal Content Management Administration Portal running on HP-UX 11i requires HP JVM 1.4.1.06 or higher**

Description	The character sets used by the Portal Content Management Administration Portal are not available in earlier versions of HP's JVM.
Platform	HP-UX11i with JVM 1.4.1.06.
Workaround	Use HP JVM 1.4.1.06.

CR132734 **Portlet Instance Labels Change upon Update in Administration Portal -- Breaks "Listen To"**

Description	Certain conditions can cause inter portlet communication between two PageFlow portlets to break. PageFlow portlets communicate in a portal via the `listenTo` property defined on a portlet definition. This `listenTo` property specifies the instance label of the portlet that it is interested in listening to.
	This instance label is defined by the developer in WebLogic Workshop when a portlet is placed on a page. However, if the portlet is placed on the page in either the Administration Portal or the visitor tools, it is generated by the framework (the framework uses a mangled version of the instance id which is based off of a sequencer).
	So if you place two portlets on a page in WebLogic Workshop, they will correctly communicate via the instance label that was defined by the developer. The problem arises when the portlet that is being listened to is removed and re-added from the page via the Administration Portal.
	This is because when the portlet is removed from the page the instance is deleted and when a portlet is added to the page an new instance created with a auto generated instance label. So now the original listening portlet is still listening to the old instance label not the new auto generated one.
Platform	All.
Workaround	To prevent this from happening it is recommended that you place entitlements on the portlets or placeholders to prevent the portlets from being removed. However, if this has already occurred the only way to fix this is to change the `listenTo` property on the portlet definition of the listening portlet to the new auto generated instance label.
	While updating the instance label is simple (just change it in Weblogic Workshop or edit the `.portlet` file directly) knowing what that instance label is can be tricky. To do this, the following is recommended:
	1. View the new desktop with a browser.
	2. Navigate to the page with the new portlet and hover the cursor over one of the buttons in the titlebar.
	3. In the status bar of the browser you should see the url. In that url there is a request parameter called `_windowLabel` that contains the value of that portlets instance label.

CR135018 **Problems occur after creating a new BEA Content Repository and deleting the original.**

Description	After creating a new BEA Content Repository in the Administration Portal using the same Connection Class as the original, if you attempt to delete the original BEA Content Repository you will receive an error: `"-Error removing the Repository".`
	All subsequent attempts to access the old repository result in Null Pointer exceptions. Because the original repository has not been deleted, all content management queries return two copies of the same content because there are two identical repositories.
Platform	All.
Workaround	Restart the server.

CR173371 **Console SocketException in the Administration Portal, Portal Management page when viewing a disassembled portal node.**

Description	A harmless `SocketException` can occur when using the Administration Portal, Portal Management page, and clicking/viewing a disassembled Portal node.
	This exception is not visible to the browser client. An error message will be logged to the server console with text like the following:
	`<Mar 10, 2004 9:36:28 AM MST> <Error> <Management> <BEA-141009> <Error Occurred in the file distribution servlet while processing request type`
	`"wl_ear_resource_request", java.net.SocketException: Software caused connection abort: socket write error.`
	`java.net.SocketException: Software caused connection abort: socket write error`
Platform	All.
Workaround	Since this is a harmless exception, no workaround is needed.

CR177065 **Creating multiple managed repositories pointing to different data sources throws error messages in the Administration Portal.**

Description	For a managed repository the data is written in two places - the virtual repository (which contains all the library services data like versioning) and the actual repository in ONE transaction. This fails if the JDBC drivers for either one the data source for each repository is non-XA.
	So to solve the problem, customers basically need to add XA drivers to both the repositories.
Platform	All.
Workaround	Since this is a harmless message, no workaround is needed.

CR180492 | **Single Quote character for user/group property values is not supported in the online tools.**

Description	Editing of user/group property values within the Administration Portal does not support the quote character (').
Platform	All.
Workaround	None.

CR181726 | **Newly created Delegated Administration Role missing from Administration Portal**

Description	Recreating a security policy on a security provider a second time within the same session will result in incomplete information displayed on the security provider DA page in the Administration Portal.
Platform	All.
Workaround	Log out and log back in and navigate to the provider Delegated Administration page. Notice that the role was created and is listed.

CR183737 | **Changes made to Portlets in the Portlet Library via the Administration Portal Are not Persisted across Application Redeployment.**

Description	The Administration Portal allows the user to change the title of a Portlet Library resource. However, on server restart, the Portal runtime re-retrieves the title of the Portlet Library resource from the .portlet file.
Platform	All.
Workaround	If the title of a portlet as it exists in the Portlet Libary must change and not revert upon redeployment, the change must be made to the .portlet file in Weblogic Workshop.

Portal Framework

This section lists the known limitations and workarounds stemming from issues involving the Portal Framework.

CR120851	getPlaceholderGrid().length results have been decremented by one.	
	Description	The int result of `"GridLayoutPresentationContext.getGridLayoutPresentationContext(request).getPlaceholderGrid().length"` has been decremented by one. The results returned by WebLogic Portal 8.1 GA were incorrect.
	Platform	All.
	Workaround	Appropriate changes may be necessary anywhere `getPlaceholderGrid()` is used.
CR125007	Credential MBean does not have a tool for editing	

Description	CredentialMBean was added to application-config.xml so that services that require a plain-text password do not have to store the password on the file system in an unencrypted form.
	The CredentialMBean has an encrypted "Credential" attribute that is automatically encrypted/unencrypted when the ApplicationConfigurationMBean (the parent MBean) is persisted/read.
Platform	All.
Workaround	As is, the CredentialMBean requires a workaround to be used:

1. Edit application-config.xml by hand to add a Credential

2. Use the Administration Portal to make a change to some other MBean. This causes an ApplicationConfigurationMBean.persist().

3. Change the value back to what it was.

Because the persist() method was called, your plain-text credential is now encrypted.

The MBean looks like this:

```
  <Credential Name="LdapPropertyManager"
          Credential="password"

Username="uid=SomeUserWithReadPermission,ou=people,
dc=beasys,dc=com"/>
```

CR126625   **Potential Case Sensitivity Differences between Entitlements, User Profiles and Authentication Providers.**

Description	The entitlements engine is case sensitive but some authentication providers are not. This can cause unexpected results when user profile properties or portal customizations are persisted for a user who logs in with letters with a case that is not consistent with the case in the authentication provider.
Platform	All.
Workaround	The LDAP authentication providers have a new flag in the WebLogic Server console on their "Details" page. The setting is called "Use Retrieved User Name As Principal".
	If this is enabled then the case of the username as typed in by the user at login will be converted to match the case as it exists in the underlying LDAP store and the converted username will be set as the Principal in the Subject.
	This will ensure that user profile properties and portal customizations are always persisted for the username as it exists in the underlying LDAP store.

CR127941   **LDAP UUP does not allow for LDAP-S.**

Description	The WebLogic Portal 8.1 SP3 `LdapPropertyManagerImpl` cannot use an 8.1 SP2 `ejb-jar.xml` deployment descriptor because a new, required, env-entry called "useSSL" has been added.
Platform	All.
Workaround	If you use the `LdapPropertyManager` UUP in `p13n_ejb.jar`, you must update the new `ejb-jar.xml` and `weblogic-ejb-jar.xml` deployment descriptors with your connection information. If you try to use the old `ejb-jar.xml` deployment descriptor, then you will be missing the new "useSSL" env-entry. When this happens you will get the following exception when you try to get user properties from LDAP:
	`javax.naming.NameNotFoundException: While trying to look up useSSL in /app/ejb/p13n_ejb.jar#LdapPropertyManager/comp/env/config.; remaining name 'useSSL'.`

CR128531   **IE6 Limitation on Number of CSS files. Keywords: CSS, IE, portal display, skin.**

Description	Internet Explorer6 SP1 has a limit on number of CSS files that can be used in a Portal. The max number of CSS files that can be used in a portal is 35. If the number is more than 35, IE doesn't display portal properly. The CSS files are used in developing various skins for a Portal.
Platform	All and IE6.0SP1
Workaround	If there are more than 35 CSS files, the contents of all CSS files can be organized into one or more but less than 35 files.
	If the contents are merged into one or more files please make sure that CSS class names are unique across all CSS files within a webApp, this is IE requirement.
	If there are two CSS classes with same name in two `.css` files and both classes are used in a portal, the CSS class from `.css` file that is loaded first (by IE) will be used.

CR135360 **AutoIndexer does not remove entries from the DRE for documents which have been deleted from the file system.**

Description	In order for AutoIndexer to remove entries from the DRE for documents/files which have been removed from the file system directory being indexed, the AutoIndexer job must be configured with the `POLLINGACTION` attribute to 7 or 8 (see the Autonomy AutoIndexer documentation).
	However, if you use a relative path in your DirectoryPathCSVs attribute rather than a fully qualified directory specification, the entries will still not be deleted from the DRE even with `POLLINGACTION` set to 7.
Platform	All.
Workaround	Update the DirectoryPathCSVs to specify a fully qualified directory path rather than a relative path.

CR136795 **Tree performance is not optimal with groups that contain a large number of nodes.**

Description	Preliminary testing using an LDAP server that contained a flat group hierarchy of 1025 Groups and over 100,000 users produced less than desirable performance results.
Platform	All
Workaround	This issue has been addressed using a group hierarchy caching mechanism and improvements in the UI tree Javascript framework. However due to usability issues it is recommended that customers turn off the Hierarchy tree for a tree node sizes that exceeds a few thousand groups. To do so set the following parameter on the VM in the startup scripts: `(-Dcom.bea.jsptools.disableGroupTree=true)`

CR175321 **Renaming the web application context causes a ServletException.**

Description	After renaming the web application context for a WebLogic Portal application, you receive a `ServletException` with the following message: "<<WLS Kernel>> `<> <BEA-101216> <Servlet: "AppManagerServlet" failed to preload on startup in Web application <web app name>... Webapp <web app name> not found in application <app name>...".` Following this, the application fails to respond.
Platform	All.
Workaround	Delete the `.wlnotdelete` directory and restart the server. In addition, you may need to manually update the context path in your JSPs.

CR175730 **JdbcSequencer lock contention in a cluster causing transaction rollback.**

Description	The JdbcSequencer is the WebLogic Portal class that provides unique sequence numbers for certain tables in the WebLogic Portal schema. The JdbcSequencer is consulted when a new row must be inserted into a table needing a unique identifier.
	The JdbcSequencer uses the SEQUENCER table to maintain ranges of unique identifiers, and will rarely need to access the table to allocate a new block of identifiers. Certain databases such as DB2 and SQL Server have been found to escalate row locks to become table locks, which can cause lock contention on this table.
	If multiple nodes in a cluster attempt to allocate a sequence range concurrently, which is very unlikely, this contention could cause one of the in flight transactions to rollback.
Platform	DB2 and SQL Server.
Workaround	None. The transaction must be retried.
	Note: Increasing cache sizes minimizes this problem.

CR175860	**Portal Render Execute queue missing from config.xml.**
Description	When portlets are marked "forkable" and "fork renderer" (mutithreaded) the portal subsytem will execute the portlet on a separate thread (render phase only). If the portalRenderQueue" thread pool is defined in the config.xml it will borrow a thread from this pool, otherwise it will use the main (default) weblogic thread pool.
	It is recommended that a separate thread pool be set up if portlets are being "forked". (In a cluster this needs to be added for each managed node).
Platform	WebLogic Portal 8.1 GA, sp2, sp3.
Workaround	**Workaround #1:**
	Edit the config.xml by hand while the server is down. Add the following entry:
	`<ExecuteQueue Name="portalRenderQueue" ThreadCount="5"/>` this entry should go in the `<Server>` stanza and just after the default queue entry
	`<ExecuteQueue Name="default" ThreadCount="15"/>`
	`<ExecuteQueue Name="portalRenderQueue" ThreadCount="5"/>`

Workaround #2:

Use a .cws (config wiz script) to create the proper config.xml. Here's an example CWS script that can be used to modify an already existing domain.

```
readDomain('C:/FULLPATH_TO_DOMAIN/USING/FORWARD_SLA
SHES/MYDOMAIN')
```

```
cd('Server/SERVER_NAME')
```

```
p_exQueue=create('portalRenderQueue','ExecuteQueue'
)
```

```
p_exQueue.setThreadCount(5)
```

```
updateDomain()
```

```
closeDomain()
```

```
exit()
```

Note: The need to put the full path in the readDomain call AND use forward slashes (/) on all platforms. Also, you need to know the `SERVER_NAME`.

To execute this script all you have to do is:

1. Save the lines above to a file.

2. Go to `%WL_HOME%/common/bin`.

3. Type `'config.cmd -mode=silent -silent_script=FULL_PATH_TO_FILE/file.cws -script_style=WLST`

Note: If you have any problems you can add the command-line params of `-log=fullpath_to_logfile` for more information.

If you wanted to use this same script for all the managed servers you would just have to loop over each server and cd into it and add a render Queue to it.

CR177374	An error occurs when SERVER_NAME is specified in the start script for a managed node.
Description	"The server name `<adminServerName>` is being started again as a managed server" occurs on the administration server when `SERVER_NAME` is specified in the start script for a managed node.
Platform	Linux
Workaround	Remove the `SERVER_NAME` entry from the start script for the managed node. Instead, specify the server name as a command line argument, for example: `startManagedServer M1 adminURL`.

CR178116	**ListenAddress must be set for managed servers in a WebLogic cluster using datasync.**	
	Description	In a WebLogic Portal cluster where the managed servers are running on different computers than the administration server, and the ListenAddress is not set properly, datasync will not propogate changes correctly.
		This prevents datasync items from being created or modified in the Administration Portal webapp. Changed datasync items or new datasync items will show up on the managed server where the changes were made, but the changes will not propagate to other managed servers.
		Datasync items include campaigns, content, placeholders, content selectors, user segments, and property sets.
	Platform	All.
	Workaround	Set the ListenAddress attribute of each managed server to the IP address or DNS name of the computer that it is running on.
CR179773	**SP3 Upgrade/CM - receive error message when enabling Library Services for BEA repository in an upgraded app.**	
	Description	When a user upgrades from 8.1 sp2 to 8.1 sp3 and tries to upgrade their repository to be a managed repository, they get an error message "Error getting cache: nodePathCache.BEA Repository".
	Platform	All.
	Workaround	None - This is a fairly benign error message. Although it says that "Error getting cache: nodePathCache.BEA Repository", it still creates the nodePathCache internally. The only drawback is that you will not be able to modify the settings of the cache (ttl, size etc). If you want to do that, add the correct entry to the app-config.xml and redeploy the application.
		The entry you will have to add is as follows:
		`<Cache MaxEntries="50" Name="nodePathCache.<repositoryName>" TimeToLive="6000"/>`
CR180105	**Receive java.io.FileNotFoundException: wsrpKeystore.jks at startup**	

Description	The `wsrpKeystore.jks` file is required by WebLogic Portal for WSRP features.
	The configuration wizard places this file in the admin server's domain directory. (One directory above the server root directory).
	The WebLogic Portal WSRP features require this file to exist at this location (one directory above the server root directory). So in a configuration wizard-generated admin server domain, everything works fine. But in some other cluster configurations, such as when using `NodeManager`, whenever the server root directory is overridden, or a domain is created without using the configuration wizard, this file may not exist in this location. In this case, a warning and an exception are reported during server startup.
	The error symptom is messages during server startup of the form:
	\<Apr 26, 2004 3:10:26 PM MDT\> \<Warning\> \<WSRP-Security\> \<BEA-420802\> \<There
	was a problem initializing the identity assertion token provider.\>
	\<Apr 26, 2004 3:10:34 PM MDT\> \<Info\> \<Security\> \<BEA-090093\> \<No pre-WLS 8.1
	Keystore providers are configured for server mC for security realm myrealm.\>
	and `java.io.FileNotFoundException: wsrpKeystore.jks` (The system cannot find the file specified)

Platform	All.

Workaround	Copy the wsrpKeystore.jks file to the server domain directory. Copy the file from a domain that was created with the Config Wizard.

CR181151   **User sessions on consumer webapps may be lost if session cookies between producers and consumers overlap**

Description	When you have images in the markup of your remote portlets, WebLogic Portal propagates cookies and other headers from the remote image to the browser. If your producer/image host and consumer are configured to include only the default path ("/") in the session cookies, the cookie/header propagation will cause the browser to replace the Set-Cookie header set by the consumer with the Set-Cookie header set by the producer, causing the browser to drop the consumer session.
Platform	All.
Workaround	In order to avoid this, make sure to configure your webapps to include domain name and webapp path for session cookies in `weblogic.xml`.
	Refer to
	http://e-docs.bea.com/wls/docs81/webapp/weblogic_xml.html#1038173
	for details on how to set the domain name and path.

CR181801   **Servlet response wrappers with custom outputstream/writer cannot be used to render portal/desktops.**

Description	If you are using a servlet filter with a response wrapper to filter portals or desktops, and if the response wrapper overrides the `getOutputStream()` and `getWriter()` methods to return custom `javax.servlet.ServletOutputStream` and `java.io.PrintWriter` objects, you may encounter `java.lang.IllegalStateException`.
Platform	All.
Workaround	Render the content that must be filtered in an IFRAME or a separate browser window.

CR182459   **Unused attribute on ugm:createUser tag.**

Description	`ugm:createUser` tag 'id' attribute does not return ProfileWrapper after user creation. The new ugm tags have separated the user creation from the profile creation, so this is expected behavior.
Platform	All.
Workaround	Ignore the 'id' attribute while using the `<ugm:createUser>` tag. To create the profile, use the `profile:createProfile` tag.

CR184739   **Calling getValue() on com.bea.content.BinaryValue to access the InputStream will return null.**

	Description	When using a com.bea.content.BinaryValue in a JSP variable or directly through the API calling getValue() will return null because the InputStream can only be retrieved through the NodeOps getPropertyBytes method. The JavaDoc for accessing the InputStream should be read due to the implications of using InputStreams in the repository.
	Platform	All.
	Workaround	If you need to access the InputStream from a BinaryValue, use the NodeOps API.
CR186863	**Table 1 unifiedProfileTypeCache needs to be renamed in <APPLICATION>/META-INF/application-config.xml**	
	Description	The UserManager EJB looks for a 'profileTypeCache', but the app-config.xml file refers to 'unifiedProfileTypeCache'. While profiles continue to be cached without this change, the cache will not be manageable via the Administration Portal.
	Platform	All.
	Workaround	Edit the META-INF/application-config.xml file, and rename 'unifiedProfileTypeCache' to 'profileTypeCache'. Then, redeploy the application. This will now allow administrators the ability to manage the cache.

Search

This section lists the known limitations and workarounds stemming from issues involving the Portal search engine.

CR105694	**Portal search engine creates a new DOS window when starting the Dynamic Reasoning Engine (DRE).**	
	Description	The portal search engine creates a new DOS window when starting the DRE portion of the portal search engine.
	Platform	Microsoft Windows.
	Workaround	The DOS window disappears when the process is stopped. It must not be closed while the portal search engine is running.
		This window is not created during the initial start of the search engine. It is only created if the DRE is started through the Administration Portal.

CR107379	**AutoIndexer exits when a directory name that doesn't exist is specified.**
Description	When creating a job for the AutoIndexer, if the user specifies a directory that doesn't exist, the AutoIndexer exits.
Platform	All.
Workaround	You should specify a valid directory for the AutoIndexer to index. However, you can edit the `PortalSearchAutoIndexer.cfg` file in the `<WEBLOGIC_HOME>\portal\thirdparty\search\<platform>\AutoIndexer` to remove the invalid job entry.

CR107382	**Portal search engine administration tools do not display an error if a process doesn't start.**
Description	The portal search engine gives no user feedback if one of the search process fails to start when started via the portal administration tool.
Platform	All.
Workaround	There is currently no workaround for this issue. The Administration Portal correctly display that the process did not start but the user must look directly at the log files for the portal search engine processes to determine why a process could not be started.

CR108840	**Portal search engine does not remove content when a search is deleted.**
Description	The portal search engine does not remove data related to a particular search job (for example, an HTTPFetch job) from the DRE database when that fetch job is deleted.
Platform	All.
Workaround	There is currently no workaround for this issue. If the user does not want the data from the deleted search job in the DRE database then they must manually remove the data from the DRE database.
	Instructions for removing this data is included in the DRE documentation, available in $BEA_HOME/weblogic81b/portal/thirdparty/search/common/DRE (Unix) or %BEA_HOME%\weblogic81b\portal\thirdparty\search\common\DRE (Windows) in the Platform installation.

CR187006	**Portal search engine fails to run on certain operating systems.**

Description	When starting the portal search services via the provided start scripts on either the HP-UX or AIX operating systems, you receive a message that the services are not supported. Or, you attempt to manually start the search services on either of these operating systems; they fail due to missing file(s) and/or configurations.
Platform	HP-UX and AIX Operating Systems.
Workaround	The portal search services may be installed on a remote host that runs a supported operating system such as Windows or Linux. Please check with BEA Customer Support for a patch which enables the portal search services to run correctly on HP-UX and/or AIX platforms.

Third-Party

This section lists the known limitations and workarounds stemming from issues involving the third-party tools.

CR102538	Yahoo Integration: Support of default_locale preference on Yahoo portlets.
Description	Some of the Yahoo! portlets, (e.g. Annual Reports), do not return content if that portlet doesn't support the language chosen by the user. Other portlets will return content in the default locale, en-US.
Platform	All
Workaround	1. In WebLogic Workshop, add a portlet preference called 'default_locale.' 2. Set it's value to the locale you want the portlet to default to. **Note:** This locale must be a valid locale as defined in `locale.properties` and must be fully resolved (i.e. 'fr' is not valid, 'fr-FR' is valid). This locale is used when the users preferred locale is not supported for that module according to the `myee` metadata defined in `yes_modules_xml`. If the metadata specifies that the default locale is not supported then we fall back on 'en-US'. If 'en-US' is not supported, no content will be returned.

CR103917	Yahoo Integration: A new window should not be launched if linking is disabled.

Description	Users who have enterprise accounts that restrict linking through the 'First Time Activation' deployment setting have no way of turning off redirection to Yahoo! from the portal on a user's first login.	
Platform	All.	
Workaround	There is not a workaround. Any time a user logs in for the first time, they are redirected to the Yahoo! linking page. If the enterprise account is configured in 'First Time Activation' to 'Skip this page flow', the user will be immediately redirected back to the portal.	

CR109460	**Anonymous user does not see Yahoo! content**	
Description	After a portal with Yahoo! content has been configured (i.e. set up with portlets, Deployment name/key set up, logged in to set up anonymous user), the Yahoo! content does not show up for the anonymous user on subsequent log ins. Yahoo! content also does not show up for users who are not logged in.	
Platform	All.	
Workaround	As of this release, Yahoo! content is not available through the portal for anonymous users (users who are not logged in). There is currently no workaround to get content to anonymous users.	
	As a Best Practice, these portlets should be configured via entitlements to not show up unless a user is logged in so anonymous users will not see an empty Yahoo! portlet.	

CR110666	**On logout of sampleportal the has Yahoo! content, the user gets four pop-up dialogs saying they are being redirected to secure, then non-secure, then secure, then non-secure**	
Description	The Yahoo! logout feature is being called twice.	
Platform	All.	
Workaround	When building a custom portal that is has Yahoo! content, on login and logout there needs to be specific Yahoo parameters passed along with the login/logout (the params are yahoo_login and yahoo_logout.).	
	Remove the hidden parameters 'yahoo_login' and 'yahoo_logout' from the `sampleportal/portlets/login.jsp` file. To eliminate when building a custom portal, make sure this parameters are only passed once on login/logout.	

CR111328	**My Yahoo! Enterprise Edition setup instructions are incomplete in WebLogic Workshop help system**	

Description	End users of the My Yahoo! Enterprise Edition portlets may experience login and other issues if only the steps in the WebLogic Workshop help system are followed.
Platform	All.

Workaround After completing the steps in the Setting up My Yahoo! Enterprise Edition topic in the WebLogic Workshop help system, perform the following steps to complete the setup:

1. Make sure your server is running. With your portal application open in WebLogic Workshop, choose Tools-->WebLogic Server-->Start WebLogic Server.

2. Add entries to `<PORTAL_APP>\<PROJECT>\WEB-INF\web.xml`.

    a. Open `<PORTAL_APP>\<PROJECT>\WEB-INF\web.xml`.

    b. Open `<BEA_HOME>\<WEBLOGIC_HOME>\samples\ portal\portalApp\sampleportal\WEB-INF\web.xml`.

    c. From the `sampleportal web.xml` file, copy the sections commented as `<!-- Yahoo Integration * -->` and paste them into your `web.xml` file in the appropriate locations.

    You will be copying/pasting the following types of XML blocks:
    `<filter>`, `<filter-mapping>`, `<listener>`, `<servlet>`, and `<servlet-mapping>`

    Note: In following the previous step, for the initial block called `<!-- Yahoo Integration: Filter to handle login -->`, copy the entire block, which includes `<filter>`, `<filter-mapping>`, and `<listener>` elements, down to (but not including) the `<!-- Portal Services: Listener to fire off session begin and end events for behavior tracking -->`.

    d. Save and close your `web.xml` file.

3. Create a portal in your portal Web project.

4. Add the Login to Portal portlet to your portal. See the WebLogic Workshop help system "Login to Portal Portlet" topic for instructions.

5. In the Data Palette window, drag one of the My Yahoo! Enterprise Edition portlets into the portal. For example, "Company News."

6. Open the portal. In the WebLogic Workshop menu, choose Portal-->Open Current Portal.

7. When the portal desktop appears, log in as yahooadmin/yahooadmin.

8. When prompted to link your portal account with a Yahoo! account, click OK.

9. On the Yahoo! Web page that appears, click Return to portal without linking. The Yahoo! Web page disappears.

10. In the browser containing the portal desktop, click the Refresh button. The My Yahoo! content appears.

CR124342 **Yahoo! mail portlet takes a long time to deliver new Yahoo! mail messages.**

Description	The Yahoo! mail portlet can take a long time to display new Yahoo! mail messages. This is in part because the Update link is broken and cannot be used (see, CR124387.)	
Platform	All.	
Workaround	Log out of WebLogic Portal and log back in.	

CR124346	**Yahoo! annual reports portlet displays no content in en_US locales.**	
	Description	The Yahoo! annual reports portlet displays no content unless the user has set their locale to one of en_GB, fr_FR, or de_DE.
	Platform	All.
	Workaround	This is a Yahoo! issue. The only workaround is to use one of the locales that Yahoo! supports for this module.

CR124350	**Yahoo! business publications portlet inconsistently displays custom content**	
	Description	The Yahoo! business publications portlet inconsistently displays custom content when used in WebLogic Portal. A message from Yahoo! is displayed that says: "You do not have permission to view this premium content from more than 800 business publications. Please click the X button to remove module. If you're interested in viewing this content, please contact your portal administrator." This occurs even if the content is enabled. If the user logs out and back in the content is sometimes displayed but may not be.
	Platform	All.
	Workaround	This is a Yahoo! issue and there is currently no workaround.

CR124387	**Update link in Yahoo! mail portlet generates a 404 (page not found error)**	
	Description	When using the Yahoo! mail portlet a hyperlink is generated to allow the user to manually update the list of messages in the users Yahoo! inbox. This hyperlink contains an invalid URL that generates a 404 (page not found) error when selected.
	Platform	All.
	Workaround	This is a Yahoo! issue and there is no workaround for this problem.

CR125461	**Yahoo! subsytem can report "ERROR: 1001" when Yahoo! account is down.**	

Description	The Yahoo! integration in WebLogic Portal will display an "ERROR: 1001" when Yahoo! has disabled the deployment ID used by WebLogic Portal. This is a problem on the Yahoo! servers and is not related to an issue with WebLogic Portal.	
Platform	All.	
Workaround	The customer must contact Yahoo! support to determine when the failure will be corrected.	
CR130020	**Problems with non-English character sets in the My Mail Portlet.**	
Description	When using the My Mail portlet with non-English character sets, the subject and body text for some email messages is displayed incorrectly. In addition, email dates and attachments may not be displayed correctly.	
Platform	All.	
Workaround	None. Please contact Support for an update on this issue.	
CR135840	**How to start Autonomy search engine as a Window service**	

Description	Domain config wizard provides install scripts for Portal server to run as a Windows service in addition to startup scripts while creating a WebLogic Portal domain, but the Autonomy Portal Search engine only starts from startup scripts.
Platform	Windows.
Workaround	Use instsrv.exe utility from Windows Resource Kit Tools (free downloadable from Microsoft web site) to install Autonomy executables as Windows service.

Installation steps:

1. Make sure instsrv.exe is available from your PATH environment.

2. Open a command shell and type in the following commands:

```
instsrv.exe "PortalSearchDiSH"

<WLINSTALL_HOME>\portal\thirdparty\search\windows
\DiSH\PortalSearchDiSH.exe
     instsrv.exe "PortalSearchDRE"

<WLINSTALL_HOME>\portal\thirdparty\search\windows
\DRE\PortalSearchDRE.exe
     instsrv.exe "PortalSearchAutoIndexer"

<WLINSTALL_HOME>\portal\thirdparty\search\windows
\AutoIndexer\PortalSearchAutoIndexer.exe
     instsrv.exe "PortalSearchHTTPFetch"

<WLINSTALL_HOME>\portal\thirdparty\search\windows
\HTTPFetch\PortalSearchHTTPFetch.exe
```

Note: It is recommended to leave service names as above. Otherwise, Portal Administration Portal may not recognize Autonomy Search services as running.

Steps to uninstall:

1. Stop running Autonomy Search Services first by either Windows Administration Portal in Control Panel or command line "net stop <service name>"

2. Make sure instsrv.exe is available from your PATH environment.

3. Open a command shell and type in the following commands:

```
instsrv.exe PortalSearchDiSH REMOVE
instsrv.exe PortalSearchDRE REMOVE
instsrv.exe PortalSearchAutoIndexer REMOVE
instsrv.exe PortalSearchHTTPFetch REMOVE
```

CR176498	**Mozilla based browsers sometimes render layouts incorrectly.**
Description	Bugs in the code used by Mozilla based browsers (Netscape, Mozilla, Firebird, etc.) sometimes cause the widths of various layout elements to be rendered incorrectly. For example, a two column table, where column one is 30% wide and column two is 70% wide, may display with the first column taking up the entire width of the screen. This puts the second column off the right hand side of the screen, which the user can scroll to see. The problem is intermittent and unpredictable. When the page is rendered correctly, you can see the first column take up the whole width of the screen as its being rendered, but when the second column begins rendering, the first will shrink to its correct size. The problem seems to be that sometimes the first column will not shrink to its correct size when the second column begins rendering. Some bugs filed against this are (there are several more): http://bugzilla.mozilla.org/show_bug.cgi?id=217476 http://bugzilla.mozilla.org/show_bug.cgi?id=225307.
Platform	All.

Workaround	You can avoid the problem by first rendering two empty cells that set the width, followed by the cells with your actual content. For example:
	
	`<tr>`
	`  <td width=30%> </td>`
	`  <td width=70%> </td>`
	`</tr>`
	`<tr>`
	`  <td><!-- Actual Content --></td>`
	`  <td><!-- Actual Content --></td>`
	`</tr>.`

Database

This section lists the known limitations and workarounds stemming from issues involving WebLogic Portal interaction with databases.

CR106235	**JMS prefix of 'cajun' or 'null' causes JMSState and JMSStore tables not to be created.**

Description	ORA-00942 errors on JMS JDBC store errors may occur during server startup if the database user has `'SELECT ANY TABLE'` permissions. This permission may have been granted to the database user if the customer used a Portal supplied create_user.sql script to create the database user from a prior release (4.0/7.0) of Portal.
	
	Error Text Example:
	`<May 14, 2003 5:00:13 PM MDT> <Alert> <JMS>`
	`<BEA-040052> <JMSServer "cgJMSServer" store failed`
	`to open java .IOException: JMS JDBC store,`
	`connection pool = <portalPoolOra>, prefix = <cajun>:`
	`change state java.sql.SQLException: ORA-00942: table`
	`or view does not exist`

Platform	All.
Workaround	Revoke the `'SELECT ANY TABLE'` permission from the database user. Login to SQLPlus as a user with DBA privileges and to revoke these permissions from the database user. Example: `SQL> revoke SELECT ANY TABLE from WEBLOGIC 2`
CR107746	**Integrity constraint errors may be encountered when adding content management nodes**
Description	`"java.sql.SQLException: ORA-02291: integrity constraint (DB.FK1_CM_NODE) violated - parent key not found"` errors may be encountered when adding content management nodes to an Oracle 8.1.7 database that is not at the proper patch level
Platform	Any with an Oracle 8.1.7 database
Workaround	Check the version number of your Oracle database instance. If the version of your database is lower than 8.1.7.4 you will need to obtain the 8.1.7.4 patch set from Oracle and upgrade your database to this patch set. For Oracle databases in a Windows environment Oracle version 8.1.7.4.9 is recommended.
CR108193	**ORA-22866 may occur when creating database tables**

	Description	"ORA-22866: default character set is of varying width" errors will be raises when database tables are created in an Oracle 8.1.7 UTF database instance whose compatible parameter is set lower than 8.1.0. See Oracle Doc ID: Note:112531.1 for additional information.
	Platform	Any with Oracle 8.1.7
	Workaround	The compatible parameter for your database is set to 8.0.5 (or lower). Edit the init.ora parameter file with a compatible parameter of 8.1.0 or higher.
CR124126	**Need to set configuration to send campaign emails with Sybase.**	
	Description	The standard SQL used by the MailService to send batched emails is not supported in Sybase.
	Platform	Sybase.
	Workaround	To send emails with `mailmanager.bat` and/or use `MailService.sendBatch()` and `MailService.getMessagesInBatch()` with Sybase, you need to set `EnableOrderByWorkaroundForClobs` to **true** on the `MailServiceMBean`. This can done by editing `META-INF/application-config.xml` (while the application is undeployed or server not started), For example: `<MailService Name="MailService" SMTPHost="SMTPHost" EnableOrderByWorkaroundForClobs="true"/>` Remove that flag or set to false for any other database, which is the default configuration.
CR125832	**Error adding binary property on node, or binary property choice on node type may be encountered.**	
	Description	Adding binaries to a node, or node type choice using an Oracle database without using the proper driver may fail.
	Platform	Any with an Oracle database and a non-certified BEA WebLogic Portal Driver.
	Workaround	Install the Oracle thin driver
CR136171	**Collaboration (Compoze) Database Table Changes from SP2 to SP3.**	

Description	The collaboration_create_tables.sql file was modified in SP3 to add Primary Key Constraints and to add NOT NULL constraints to the primary key columns to several tables. However, during database upgrade, the scripts do not apply the changes.
Platform	All.
Workaround	To take advantage of the NOT NULL column constraints and Primary Key additions and to retain any data, rename the existing Compoze tables and replace them with the new Compoze tables defined in <WL_HOME>/portal/db/<DBMS>/<VERSION>/collaboration_create_tables.sql. Then, you may select data from the previous tables into the newly created tables. The following are the affected tables: ToDoAclTable ToDoAclOwnerTable AppointmentAclTable AppointmentAclOwnerTable UniqueIDGeneratorEJBTable ForumAclTable ForumAclOwnerTable TopicSubTable MessageFileTable TopicFileTable DiscussionUserTable ContactAclTable ContactAclOwnerTable Pop3Folders Pop3Messages Pop3Attachments Pop3MessageHeaders Pop3Preferences **Note:** These changes were applied to columns that were already defined as 'NOT NULL' and 'UNIQUE' due to code restrictions. In addition, drops for those to primary key constraints were added to collaboration_drop_constraints.sql.

CR174613   **SP3 Database upgrade scripts for Pointbase cannot expand _LABEL column lengths**

Description	BOOK_LABEL, PAGE_LABEL, and LOOK_FEEL_LABEL columns are expanded from Varchar(40) to Varchar(80) when running WebLogic Portal 8.1 Service Pack 3 database upgrade scripts for all databases other than PointBase. New PointBase databases created with Service Pack 3 will properly defined the columns as Varchar(80).
Platform	All.
Workaround	To expand these columns lengths for an 8.1 GA or 8.1 SP1 PointBase database do the following;

Workaround (continued)

1. With the WebLogic Server for your domain down, make a backup copy of PointBase database files (workshop.dbn & workshop$#.wal)

2. Start the WebLogic Server and then start the PointBase Console for the domain

3. Connect to the PointBase console with the PBSYSADMIN user:

   Driver: com.pointbase.jdbc.jdbcUniversalDriver

   URL: jdbc:pointbase:server://localhost:9093/workshop

   User: PBSYSADMIN

   Password: PBSYSADMIN

4. Select DBA -> Unload Database as from the Console.

5. Specify a directory and provide a file name for the database unload, and click Save.

6. When the unload completes, open the unload file in a text editor and make the following changes;

   • Add the following to the top of the file:

     DROP USER WEBLOGIC CASCADE;COMMIT;

   • Change: "BOOK_LABEL" VARCHAR(40) To: "BOOK_LABEL" VARCHAR(80)

   • Change: "LOOK_FEEL_LABEL" VARCHAR(40) To: "LOOK_FEEL_LABEL" VARCHAR(80)

   • Change: "PAGE_LABEL" VARCHAR(40) To: "PAGE_LABEL" VARCHAR(80)

   • After 'CREATE SCHEMA "WEBLOGIC";' Add: SET PATH POINTBASE,WEBLOGIC;.

7. Save your changes to the unload file.

8. From the Console use File -> Open to open the edited unload file.

9. Click "Execute All" to apply the changes to your PointBase database.

CR182875	**Database Deadlocks may occur while processing a Proxy Portlet cleanup background task.**
Description	"Abnormal end unit of work condition occurred" -or- Database Deadlock errors may arise while a background task that deletes proxy portlets is running (DELETE FROM PF_PROXY_PORTLET_INSTANCE...).
Platform	All.
Workaround	Adding the following Index to your database will minimize the likelihood of database deadlocks during the proxy portlet cleanup process.

```
CREATE INDEX FX1_PROXY_PORT ON
PF_PROXY_PORTLET_INSTANCE
(
        PRODUCER_ID ASC
)
```