



# Sun Java System Portal Server 7.1 Release Notes



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# Sun Java System Portal Server 7.1 Release Notes

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This Release Notes contains important information available at the time of release of Sun Java™ System Portal Server 7.1. New features and enhancements, known issues and limitations, and other information are addressed here. Read this document before you begin using Portal Server 7.1.

The most up-to-date version of these release notes can be found at the Sun Java System documentation web site: [docs.sun.com](http://docs.sun.com). Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and product documentation.

These release notes contain the following sections:

- “Release Notes Revision History” on page 6
- “About Portal Server 7.1” on page 6
- “Bugs in this Release” on page 9
- “Known Issues and Limitations” on page 27
- “Redistributable Files” on page 38
- “How to Report Problems and Provide Feedback” on page 38
- “Additional Sun Resources” on page 40

Third-party URLs may be referenced in this document and provide additional, related information.

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# Release Notes Revision History

TABLE 1 Revision History

Date	Description of Changes
August 7, 2007	Release of Sun Java System Portal Server 7.1 Release Notes.

## About Portal Server 7.1

The Sun Java System Portal Server 7.1 gives end users a portal desktop, which provides access to resources and applications. The Portal Server also provides a search engine infrastructure that enables Internet content to be organized and accessed from the portal desktop.

Portal Server also offers Secure Remote Access (SRA) support, which enables remote users to securely access their organization's network and its services over the Internet. Additionally, it gives your organization a secure Internet portal, providing access to content, applications, and data to any targeted audience such as employees, business partners, or the general public.

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**Note** – Portal Server 7.1 on Windows can only be used as a developer platform. It can not be used as a deployment platform.

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This section includes:

- [“What's New in This Release” on page 6](#)
- [“Deprecated Features” on page 7](#)
- [“Hardware and Operating System Requirements” on page 8](#)

## What's New in This Release

The following new features are available in Portal Server 7.1:

- Rewriter Proxy is available in http mode
- Administration console option to control all aspects of the checking and authorization on the rewriter proxy
- Support for Red Hat Enterprise Linux 4.0
- Support for Web Server 7.0 including 64-bit support on the Solaris platform
- Support for Communications Express 6.3
- Support for Oracle database
- Portal Server administration console and portal are supported on Internet Explorer 7.0.

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## Deprecated Features

The following is a list of features deprecated in Portal Server 7.1:

- Lotus Address Book and Calendar does not work with old NCSO.jar

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**Note** – In future, Microsoft Exchange and OWA ruleset for Rewriter will not be packaged along with the product.

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## Deprecation Notifications and Announcements

- The Portal Server Mail, Calendar, and AddressBook Communications Channels are being deprecated and will not be supported in future releases. The components being deprecated are:
  - Mail template-based provider
  - Mail JSP provider
  - Calendar template-based provider
  - Calendar JSP provider
  - AddressBook template-based provider
  - Lotus Notes Mail/Calendar/AddressBook template providers
  - Lotus Notes Mail/Calendar/AddressBook JSP providers
  - Microsoft Exchange Mail/Calendar/AddressBook template providers
  - Microsoft Exchange Mail/Calendar/AddressBook JSP providers

The sample portals will not provide any communications channels integration out of the box as in previous Java ES releases.

- The Sun Java System Portal Server has a long history of supporting development of solutions that can be made available to mobile devices. Support for mobile access in future Portal Server releases is being refined to focus on those features that are essential to implement mobile portals of the future. These features include the ability to develop standard portlets that support specific markup languages used by modern devices without requiring knowledge of a proprietary abstract markup language (AML) and the ability to access CC/PP information from standard portlets through a standard JSR-188 API implementation. Other features that are not essential to this focus are being deprecated and may not be supported in future releases. These features include:
  - Support for AML
  - Support for Mail, Calendar, and Address Book mobile applications
  - Built-in voice markup files
  - Tag libraries used to support the mail, calendar, and address book applications
  - Aligo-supplied device database

## Removed Features

The following is a list of features removed in Portal Server 7.1:

- Java 1 Secure Access NetFile is removed from Portal Server 7.1.

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**Note** – Java 2 version of NetFile is not removed from Portal Server 7.1.

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- J2SE 1.4 support may be dropped for all or some products in Java ES 6.

## Hardware and Operating System Requirements

The following table lists hardware and operating system requirements:

**TABLE 2** Hardware and Operating System Requirements

Component	Platform Requirement
Supported platforms	Sun Blade™ or comparable workstation or server
Operating system	Solaris™ 9 or Solaris 10 on SPARC Solaris 9 or Solaris 10 on x86 Red Hat Enterprise Linux 3.0 Update 3 or 4.0 on x86 Windows 2003/XP/Vista in 32-bit mode with latest Service Pack <i>Note:</i> Portal Server 7.1 on Windows can only be used as a developer platform or an evaluation platform. It can not be used as a deployment platform. Do not use Java ES installer for Windows to install Portal Server 7.1. Use the evaluation installer to install Portal Server. Access the evaluation installer from <a href="http://www.sun.com/download/products.xml?id=465e130d">http://www.sun.com/download/products.xml?id=465e130d</a> The ReadMe file provided with the installer has information on how to install Portal Server. The evaluation installer provides you a pre-configured image of Sun Java System Portal Server 7.1 Update 1. You can get a working copy of Portal Server by unzipping the contents of this file.
RAM	1.5 Gbytes for regular deployment on Sun Java System Web Server 2.0 Gbytes for regular deployment on Sun Java System Application Server
Disk space	1 Gbyte for Portal Server and associated applications

TABLE 2 Hardware and Operating System Requirements (Continued)

Component	Platform Requirement
Swap space	Twice the amount of physical memory, for example, 2.0 Gbytes RAM and 4.0 Gbytes swap space.

## Bugs in this Release

This section contains information on the open bugs of the Portal Server 7.1.

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**Note** – Bugs drafted in the release notes are applicable to the HP-UX platform, unless they are not specifically mentioned.

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The following product areas are covered:

- “Installation” on page 9
- “Administration with Command-Line Utilities” on page 10
- “Desktop” on page 11
- “Portlet” on page 12
- “Portal Server Management Console” on page 12
- “Proxylet” on page 14
- “Rewriter” on page 15
- “Netlet” on page 16
- “NetFile” on page 16
- “Secure Remote Access (SRA)” on page 16
- “Search, Subscriptions, and Discussions” on page 18
- “WSRP” on page 18
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- “Mobile Access” on page 22
- “WebSphere and WebLogic” on page 23
- “Upgrade” on page 26
- “Wiki” on page 25
- “Others” on page 27

## Installation

Restarting of the common agent container is required after creating a new portal. (#6521384)

**Example:** In the Linux platform, if you use Application Server 8.2 as the web container for Portal Server, after creating a new portal, restart the common agent container.

```
/opt/sun/cacao/bin/cacaoadm stop
/opt/sun/cacao/bin/cacaoadm start
```

If Portal Server is installed on an Application Server cluster, to uninstall Portal Server, you need to delete the Portal Server instance on every node. (#6494878)

**Solution:** Do the following:

1. Start DAS on each secondary node.
2. Delete Portal Server instances on each secondary node by running the `psadmin delete-instance` command.
3. Delete Portal Server instance on the primary node.
4. Run the `uninstall` command to uninstall Portal Server.

## Administration with Command-Line Utilities

The `--format` option is missing in the `generate-user-behaviour-tracking-report` command help. (#6506032)

**Description:** When you run the `psadmin generate-user-behaviour-tracking-report --help` command, the description for the `--format` option is not provided.

The `--format` option specifies the format of the report, such as PDF, HTML, or XML. By default, the report is stored in the PDF format.

The `psadmin delete-instance` command fails if one or more `.war` are not deployed on the server. (#6504630)

**Description:** If a portlet is not successfully deployed, the `psadmin delete-instance` command fails because the command tries to undeploy the web application.

**Solution:** Deploy the war files that were not deployed on the instance and then run the `psadmin delete-instance` command.

Undeploying a portlet war file from a DN (Distinguished Name), undeploys the `.war` file from all DNs. (#6495423)

**Description:** Deploy a portlet war file at two DNs, for example DN x and DN y. Then, undeploy the war file from DN y. The desktop does not show the portlet for DN x because the web application is undeployed from the container.

**Solution:** Do the following:

1. Remove the display profile fragment for this provider from DN x.

```
psadmin remove-dp -u admin-user -f password-file -d x -p portal1 -t provider -n
blogportlet.blog
```

2. Deploy the portlet war again at DN X.

```
psadmin deploy-portlet -u admin-user -f password-file -d x -p portal1 -n
blogportlet.war
```

By default, `--overwrite` option is true for import through Portal Server administrator console and is false for `psadmin import` command. (#6323091)

**Solution:** When using the `psadmin import` subcommand with the `--dp-only` option, if the intention is to replace the whole display profile for the specified dn, use the `--overwrite` option. For example, type

```
./psadmin import -u amadmin -f ps_password -p portal-ID --dp-only --continue
--overwrite
```

Portal directory is not deleted if the instance is on a host other than the portal host. (#6355651)

**Description:** Run `delete-portal` from *machine1*. The directory `/var/opt/SUNWportal/portals/portal1` is deleted from *machine1*. However, the same directory is not deleted from *machine2*.

**Solution:** Delete the directory `/var/opt/SUNWportal/portals/portal1` from *machine2*.

## Collaboration and Communities

In Surveys and Polls, wild card search using `*` is not supported. (#6426679)

**Solution:** In Surveys and Polls, use `%` for wild card search.

When you access community portlet for the first time, it displays content not available error. (#6495254)

**Solution:** Refresh the browser.

## Desktop

The JSP Menu Container is not able to switch between menu items. (# 6500729)

**Solution:** Set refresh time of all leaf channels to zero.

Because of cookie size, portlets fail for authless anonymous user. (#6460104)

**Description:** For authless anonymous user, the properties are stored in a cookie. This includes all portlet render arguments and desktop arguments. When the render arguments reach a certain size, the portlets fail.

**Solution:** Do the following:

1. Log in to Access Manager administration console.

2. Click Service Configuration —> Client Detection.
3. In the Client Detection screen, click the Edit link displayed with the Client Types field.
4. In the Client Manager pop-up window, select the third page.
5. Click the Edit link displayed with genericHTML.
6. In the pop up window, select Additional Properties option and add the property, authlessState=server.

When you try to access Portal Server desktop, the following error is displayed, "Invalid Keystore format." (#6446218, 6488139)

**Solution:** Do the following:

1. Access the `var/opt/SUNWportal/portals/portalID/config/instanceID` directory.
2. In this directory, rename `security` to `security.backup`.
3. Restart the instance.

## Portlet

Multibyte file names in psonsole under Deploy Portlet is corrupted. (#6368639)

**Description:** When the default system locale and browser locale have different character encoding, names of files and directories in portal administration console under Deploy Portlet appear corrupted.

**Solution:** Names of files and directories are encoded in a specific character encoding scheme. Set the default system locale to the same character encoding as the browser locale.

Portlet output values are cached. (#6273292)

**Description:** Set the refresh time value to zero. For example, `<String name="refreshTime" value="0" advanced="true"/>`.

## Portal Server Management Console

On WebLogic and Application Server 8.2, Datasources are not deployed on a new Portal Server instance. (#6515080)

**Solution:** Do the following in the WebLogic administration console:

1. Log in to the WebLogic administration console.
2. Select datasources. Select each datasource and click the Target and Deploy tab on the right frame.

Do the following in the Application Server 8.2 administration console:

1. Log in to the Application Server administration console.

2. Select click on resources -> JDBC Resources -> jdbc/communitymc.
3. In the right frame, click Targets tab, and click Manage Targets.
4. Add the server instance.

Portal Server /portal/dt page does not load properly when there is TimeOut due to Instant Messenger. (#6200508)

**Solution:** Do the following:

1. Log in to the Portal Server administration console.
2. Click Identity Management -> Services.
3. Change Maximum Session Time to anything that is greater than the time out of the connection for SSO channel.

In Administration Console Help HTTPS should read HTTP, and URLs should read URI. (#6476607)

**Description:** In the Profile Section under Secure Remote Access, the attribute reads "HTTP Port — Specifies the HTTPS port. Default value is 80." HTTPS should read HTTP. Rewriting of All URLs should read Rewriting of All URIs.

Help files not displayed on Web Server SSL machine. (#6351789)

**Description:** Log in to psconsole and click the Help button. The Help contents are not displayed.

**Solution:** Perform the following steps:

1. Add a bean managed property, httpPort, to the managed bean declaration of JavaHelpBean in the ./web-src/common/common-fonfig.xml file. The common-config.xml file is located in the psconsole WAR file.
2. Set the value of httpPort to an insecure port (http) that the web container provides.

**Example:** The following example demonstrates setting the httpPort to port 8080:

```
<managed-bean>
<description>The backing bean for the Java Help component</description>
<managed-bean-name>JavaHelpBean </managed-bean-name>
<managed-bean-class>com.sun.web.ui.bean.HelpBackingBean</managed-bean-class>
<managed-bean-scope>request</managed-bean-scope>
<managed-property>
<property-name>jspPath</property-name>
<value>faces</value>
```

```
</managed-property>  
  
<managed-property>  
  
<property-name>httpPort</property-name>  
  
<value>8080</value>  
  
</managed-property>  
  
</managed-bean>
```

The web container must support a http port for the above example to take effect. A `un.jar` and `re.jar` of the `psconsole` WAR needs to be added to manage the bean property and set the value of the http port. After making the new `psconsole` WAR, a redeploy is required for the changes to take effect.

## Proxylet

Proxylet help is available only from the proxylet channel. (#5036777)

**Description:** Proxylet help is available only from the proxylet channel. If the user clicks the Help link from Edit Proxylet page, the Help link displays desktop online help.

For Firefox browser on the Solaris platform, Proxylet does not come up in Java Web Start mode. (#6464974)

**Solution:** Copy `install_dir/defaults/profile/mimeTypes.rdf` from Firefox for Windows to `install_dir/defaults/profile` directory of Firefox for Solaris.

Logging out of Portal Server does not close the proxylet console. (#6496855)

**Solution:** Stop the proxylet application and close the browser.

The portal desktop is not refreshed after selecting Automatic Download of Proxylet option. (#6493401, 6509603)

**Description:** If there is not any proxylet application in the proxylet channel, when you click the Edit button and select the Automatic Download of Proxylet option, the portal desktop should get refreshed. If you use Mozilla 1.0.7 on Windows 2000 platform, the portal desktop does not refresh.

**Solution:** When proxylet is configured for automatic download, the administrator needs to specify an application url for the portal desktop.

1. In the Portal Server administrator console, select the Portals tab.
2. Select an organization or add the user for whom the Application list needs to be provided in the DP list.
3. Select the Manage Tabs and Container link under the selected organization or user.

4. In the left pane, select proxylet.
5. In the right pane, select the AppUrl link.
6. Add the application in the application url page.
7. The created application URL will be displayed in the portal desktop for the particular user display profile or for the selected organization.

For a non-default root proxylet user, the pac file does not contain any of the proxylet rules. (#6445867)

**Description:** For a proxylet user, the pac file does not contain any of the proxylet rules.

1. In Access Manager administrator console, create a user under developersample.
2. In Portal Server administrator console, create the proxylet rules for developersample.
3. Log in to Portal Server desktop as the proxylet user.
4. Launch the proxylet.

The proxylet gets downloaded in the Applet mode. But the generated pac file does not contain any of the proxylet rules.

**Solution:** Do the following:

1. Log in to the Portal Server administration console.
2. Select the SRA tab and click the proxylet tab.
3. Change the COS priority to anything less than the Highest for the organization.
4. Change the COS priority for o=DeveloperSample to anything less than the Highest.
5. Set all sub organizations under developer\_sample COS priority to Highest.

For the users created under the sub organization, the corresponding proxylet pac file gets generated.

Proxylet pac file does not generate after closing the applet window for the given session. (#6490738 )

**Solution:** Do the following:

1. Log out from the current session and close the browser window.
2. Open a new session of the browser and start proxylet.

## Rewriter

During a separate session configuration, SRA rewriter rule set is not loaded. (#6477552)

**Solution:** Select Secure Remote Access -> Rewrite Rulesets. If you do not find the following entries: default\_gateway\_ruleset, exchange\_2000sp3\_owa\_ruleset,

exchange\_2003\_owa\_ruleset, inotes\_ruleset, iplanet\_mail\_ruleset, sap\_portal\_ruleset, and wml\_ruleset, execute the following commands:

```
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/DefaultGatewayRuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/OWA2003RuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/OWASP3RuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/SAPPortalRuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/WMLRuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/iNotesRuleSet.xml
./psadmin create-rewriter-ruleset -u amadmin -f /tmp/passwd -F
/opt/SUNWportal/export/rewriter_rule/iPlanetMailExpressRuleSet.xml
```

## Netlet

Netlet is not working with the SSL\_RSA\_WITH\_NULL\_MD5 encryption cipher. (#6434314)

**Solution:** Enable the Null Cipher option under the Gateway Profile > Security tab.

## NetFile

You need to add NFS shares when Portal Server is installed on the Linux platform. (# 6511479)

**Solution:** Do the following:

1. Add the following line in the containers startup script: export LD\_PRELOAD=/usr/lib/libpam.so.
2. Restart the container

## Secure Remote Access (SRA)

In Secure Remote Access, you can add only one row at a time. (#6497988)

**Solution:** In SRA screens, when you try to add multiple rows, save the details after you add each row.

Unable to access Unified Web Client (UWC) application through proxylet if UWC and Portal Server are installed on different machines. (#6348935)

**Solution:** If UWC application and Portal Server are installed on different machines, do the following to access UWC machine through proxylet:

1. In the Portal Server administration console, enable cookie management in the Gateway profile.
2. In the URLs to which user session cookie is forwarded field, add UWC, Calendar, and Messaging Server urls. For example, add the following: `http://port/ucw`, `http://calhost:calport`, `http://messaginghost:messagingport`.
3. In the `AMConfig.properties` file of UWC machine, change `com.iplanet.am.cookie.name=iPlanetDirectoryPro` to `com.iplanet.am.cookie.name=iPlanetDirectoryPro1`.

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**Note** – This is to have different cookie names in Gateway and Portal Server machines.

---

4. In the UWC machine, using `configutil`, change the session cookie for Messaging Server to `iPlanetDirectoryPro1`.
5. Add the UWC, Calendar, and Messaging Server URLs in Non-Authenticated URL list of UWC.
6. Restart Gateway, UWC, and Portal Server.

`certadmin` ignores nickname while installing a renewed certificate. (#6360869)

**Description:** `certadmin` ignores the nickname while installing a renewed certificate. This results in the gateway picking up the expired certificate, not the new one. It is not possible to distinguish between two certificates with the same nickname.

**Solution:** Do any one of the following:

1. Delete the old certificate before importing the new one. Do the following in Portal Server 7.1:

```
cd PortalServer_base/SUNWportal/bin/certadmin -n config_name
```

Choose 5 to delete the certificate.

2. Do not renew the certificate. When a certificate expires, get a brand new one with the new keys.

## Search, Subscriptions, and Discussions

Search server does not work when Web Server runs as non-root. (#6408826)

**Description:** When Web Server runs as non-root, if you create a search server as non-root, the search server does not work.

**Solution:** Do the following:

1. Create a search server.
2. Change the search server instance using the following command:  
`chown -R nonrootuser.nonroot search_instance`
3. Restart the Web Server as a non-root user.
4. Change permissions of Search instance using the following command:  
`chmod -R og+rX search_instance`

## WSRP

WSRP producer with SSL does not work with non-SSL consumer. (#6292152)

**Description:** WSRP producer with SSL does not work with non-SSL consumer. The common agent container requires the truststore to be populated with the SSL servers CA certificate into the truststore and the password of the truststore set.

**Solution:** To set the truststore of the common agent container server:

1. Create a truststore and import the CA certificate of the SSL server on to this truststore using the `keytool` command.
2. Set the following JVM properties using the `cacaoadm` command:
  - `Djavax.net.ssl.truststore`
  - `Djavax.net.ssl.truststorePassword`

For example, type `cacaoadm set-param java-flags="" cacaoadm get-param java-flags -v -Djavax.net.ssl.truststore=/tmp/truststore -Djavax.net.ssl.truststorePassword=truststorepass.`

3. Restart the common agent container server.

The registry server keystore location is always relative to `/soar/3.0`. (#6355673)

**Description:** The SSO configuration of the registry server accepts a keystore location. This location is always assumed to be relative to `/soar/3.0`.

**Solution:** Make a directory `/soar/3.0/jaxr-ebxml/security` and place `keystore.jks` obtained from Registry Server.

## Localization

Bookmark and Application Channel have duplicate links and invalid links. (#6504004)

**Description:** Bookmark and Application Channel have duplicate links and invalid links after migrating Portal Server from Java ES 4 to Java ES 5.

**Solution:** Administrator needs to add or delete required links in the Application channel in Portal Server console. This channel is found under MyFrontPageTabPanelContainer of Developer Sample. In Properties of Application Channel, do changes to the following properties:

- userApps: delete the following values: -NetMail Lite and -NetMail. Add the following value: NetFile.
- targets: Delete the following values: NetMailLite|NetMailServlet?nsid=newHTMLSessionNetMailLite|NetMailServlet?nsid=newHTMLSessionNetMail|NetMailServlet?nsid=newAppletSession. Duplicate links for Instant Messenger targets.

Deploying to WebSphere 5.1 display garbaged string on Community discussion and File. (#6504963)

**Description:** Any multi-byte input in Community and Developer is garbled.

Proxylet does not work in global environment. (#6507488)

**Description:** Proxylet does not work in global environment after migrating Portal Server from Java ES 4 to Java ES 5.

**Solution:** After portal upgrade process is over, delete Java ES 4 localized providers which no longer required.

1. Go to the /portals/Upgraded/desktop directory.  
cd *PortServer-Data\_Directory*/portals/Upgraded/desktop
2. Delete directories or files from *default\_locale*, except the following files or directories and user created ones. The locale can be any supported locale.

Directories

```
AddressBookProvider,
BookmarkProvider
CalendarProvider
LoginProvider
LotusNotesAddressBookProvider
LotusNotesCalendarProvider
LotusNotesMailProvider
MSExchangeAddressBookProvider
MSExchangeCalendarProvider
```

MSEExchangeMailProvider  
MailProvider  
NotesProvider  
PersonalNoteProvider  
Register  
SampleRSS  
SampleURLScrapper  
SampleXML  
TemplateEditContainerProvider  
TemplateTabContainerProvider  
URLScrapperProvider  
UWCAddressBookProvider  
UserInfo  
UserInfoProvider  
XMLProvider  
error

Files

message.properties

3. Restart web container.

Portal Server console online help is displayed in English for the fr-FR locale. (#6513360)

**Solution:** Set fr for browser preferred language.

Wrong date information display in the Portal Server community sample. (#6514502)

**Description:** Wrong date information display in the Portal Server community sample for the CCK locale.

The strings of options in the drop-down list are truncated. (#6515052)

**Description:** In the community samples, strings of options in the drop-down list are truncated.

When you launch Instant Messenger from the Instant Messenger channel, it displays in English. (#6515726)

**Solution:** Using the User Info channel, set language in the preferred locale.

Some of the fields in the Portal Server console accepts only the following characters: A to Z, 0 to 9, or a to z. (#6522702 )

**Description:** The following fields in the Portal Server console accepts only A to Z, 0 to 9, or a to z.

- Database name
- Channel name
- Portal identifier

- Adapter identifier
- Meta-adapter identifier

Survey date format needs to be changed. (#6493352)

**Description:** The To and From date format for Survey is dd mmm yyyy. It needs to be changed to yyyy mmm dd.

Ruleset id does not accept Japanese dot. (#5030713)

**Description:** Multi-byte rewriter ruleset id is not supported in Portal Server.

The psadmin list-dp command does not generate correct output if the display profile is not for English. (#6502307)

**Solution:** If the locale for display profile to be downloaded is not English, before executing the psadmin list-dp command, set the CLI jvm's locale to the locale for the display profile.

For example, if you need to download the display profile for French, do the following.

```
export LANG=fr_CA.UTF-8
export LC_ALL=fr_CA.UTF-8
```

Search channel displays file content improperly. (#6506365)

**Description:** The third party converter did not convert the file content properly.

String in UBT generated reports not localized. (#6336394)

**Description:** The generated reports are partially translated. This happens only for Japanese and Chinese locale.

**Solution:** The garbled message is, "There is no tracking data pertaining to the selected report. So, there in no page to display." Do the following to overcome this:

1. Logon to Portal Server administration console.
2. Select the Portals tab.
3. Select the configured portal.
4. Select the User Behavior Tracking tab.
5. Click the Setting tab.
6. Select portal instance.
7. Click Enable for UBT Log.

MAP displays deleted Address Book, Calendar, and Mail. (#6423989)

**Description:** MAP displays deleted Address Book, Calendar, and Mail.

The filter entry for the amcontroller filter is commented in the web.xml file of the amserver web application. This results in the failure of log in functionality in the Mobile Access of the Portal Server. (#6437280)

**Solution:** Uncomment the filter entry in the web.xml file of the amserver web application.

Some of the XML parse error messages are not localized. (#6349804)

**Description:** In Secure Remote Access, click Rewriter Rulesets. Try to upload a new file that is not in the right format. The following message is displayed: “The ruleset XML failed to parse correctly. Please verify the syntax at line {0} and column {1} and try again. Error message was {2}.” The message is not localized.

The Calender channel displays date in incorrect format. (#6411476)

**Description:** The Calender channel displays date in incorrect format in Developer Sample.

In Developer Sample, some of the links and tabs are not localized for zh-cn. (#6339912, 6442109)

**Description:** In Developer Sample, some of the tabs' text are in English, even after the preferred language is set to zh-cn.

**Solution:** Set browser's preferred language to zh.

## Mobile Access

You can not create mail views. (#6521744)

**Description:** In the portal desktop, an error message is displayed when you try to create a mail view. Click Edit Mail channel -> Mobile Mail -> Device Views.

**Solution:** Add an entry for the device in the

`/var/opt/SUNWwppserver/domains/domain1/applications/j2ee-modules/portal/WEB-INF/classes` file.

Mail channel does not show up in the mobile desktop. (#6521749)

**Solution:** In the Device home page, click Options -> Contents and select the Mail option and click Done.

Portal is not rendered in openwave 6.2.2 simulator using the `/amserver/UI/Login`. (#6439565)

**Solution:** Do the following if the web container is Web Server:

1. Open the following files:

```
/var/opt/SUNWwbsvr7/admin-server/config-store/host-name/web-app/host-name  
/amserver/WEB-INF/web.xml
```

```
/var/opt/SUNWwbsvr7/https-host-name/web-app/host-name  
/amserver/WEB-INF/web.xml
```

2. Search for the `<filter>` entry in both the xml files.

3. Uncomment the entry for the amcontroller and save the file.

4. Restart Web Server.

Do the following if the web container is Application Server:

1. Open the following files:

```
var/opt/SUNWappserver/domains/domain1/generated/xml/j2ee-modules/amserver/
WEB-INF/web.xml
```

```
/var/opt/SUNWappserver/domains/domain1/applications/j2ee-modules/amserver/
WEB-INF/web.xml
```

2. Search for the `<filter>` entry in both the xml files.
3. Uncomment the entry for the amcontroller and save the file.
4. Restart Application Server.

The Options link in Mobile Access does not work if the wireless options are on a different page. (# 6500172)

**Description:** Clicking on the Options link in the Mobile desktop should highlight the wireless options (Content and layout) on the Mobile desktop. If all these options are on a different page, wireless options are not highlighted.

**Solution:** Move to the next page and click the Options link.

Creating an event without specifying the end time creates an event for one hour. (# 6479153)

**Description:** Log in to Simulator and create an event using the Calendar Hm. If you do not specify the end time, the duration of the event is one hour.

## WebSphere and WebLogic

Web Services for Remote Portlet (WSRP) functionality is not working properly on Portal Server installation on WebSphere. (#6489684)

**Description:** In Portal Server installation on WebSphere, the WSRP functionality is not working properly. The following errors are displayed:

- The Weather portlet displays the following error: “Content not available.”
- WSRP consumer creation fails.
- Pre-configured web service channel displays the following error: “Error Parsing WSDL.”

**Solution:** Remove the following files: `qname.jar` and `webservices.jar`. These files are available in the `WebSphere-installation-directory/lib` directory.

To enable secure communication between common agent container and Portal Server JVM, jar files need to be added. (#6341883)

**Solution:** To enable secure communication between common agent container and Portal Server JVM, add the following jar files to  
`/etc/cacao/instances/default/private/modules/com.sun.portal.admin.server.module.xml`.

- `/IBM/WebSphere/Express51/AppServer/java/jre/lib/ext/ibmjssse.jar`
- `/IBM/WebSphere/Express51/AppServer/java/jre/lib/ext/ibmjceprovider.jar`
- `/IBM/WebSphere/Express51/AppServer/java/jre/lib/ext/ibmpkcs11.jar`
- `/IBM/WebSphere/Express51/AppServer/java/jre/lib/ext/ibmpkcs.jar`

On WebSphere, Weather portlet and pre configured Web Service Channel display errors. (#6396623, 6415766 )

**Solution:** Upgrade JDK to 1.4.2\_10.

On WebSphere, a classpath modification is required for WSRP to function. (#6509057)

**Description:** If Portal Server is installed on WebSphere, add `shared_lib_dir/xsdlib.jar` at the *beginning* of the classpath entry in the `server.xml` file. In the Solaris platform, the `shared_lib_dir` is `/usr/share/lib`. On the Linux platform, it is `/opt/sun/share/lib`.

Portlet session failover does not work on WebLogic 8.1 SP4, because of a bug in this version of WebLogic.

**Description:** Portlet session failover does not work on WebLogic 8.1 SP4, because of a bug in this version of WebLogic.

**Solution:** Use WebLogic SP5 or a higher version.

Exception while deploying developer sample content on a new portal on administration server. (#6339522)

**Description:** The WSRP sample consumer creation uses WSDL URL of sample producer. Because of configuration issues, the portal configuration fails to deploy portal war on WebLogic administration server. Portal .war needs be deployed manually. Because the portal is not up during configuration, the sample consumer creation process fails to contact sample producer and therefore sample consumer configuration fails.

**Solution:** Create a consumer manually and copy the Configured Producer ID of the newly created consumer to the sample portlet under `WSRPSamplesTabPanelContainer`.

Selecting Proxylet help button displays exception. (#6363076)

**Description:** Invoke Proxylet in applet mode and select the Help button. An exception is displayed in the Help page. This happens only in WebLogic setup.

## Wiki

Because of cookie size, portlets fail for authless anonymous user. (#6460104)

**Description:** For authless anonymous user, the properties are stored in a cookie. This includes all portlet render arguments, all desktop arguments, and so on. When the render arguments reach a certain size, the portlets fail.

**Solution:** Do the following:

1. Log in to amconsole.
2. Click Service Configuration > Client Detection.
3. In the Client Detection screen, click the Edit link displayed with the Client Types field.
4. In the Client Manager pop-up window, go to the third page.
5. Click the Edit link displayed with genericHTML.
6. In the pop up window, select Additional Properties option and add the property, authlessState=server.

## HP-Unix

Search module does not work. (#6525578)

**Solution:** After installing Portal Server on the HP-UX platform, edit the following scripts to reduce java's maximum heap parameter from -Xmx1900m to -Xmx1500m.

- /opt/sun/portal/bin/rdmgr
- /opt/sun/portal/lib/profiler

In the zh\_TW and es locales, if Access Manager and Portal Server are installed in the Configure Now mode, the configuration fails. (#6515043)

**Solution:** In the zh\_TW and es locales on the HP-UX platform, Access Manager and Portal Server need to be configured in the Configure Later mode.

1. Install Portal Server and Access Manager in the Configure Later mode using the Java ES installer.
2. Set the environment variable of the system:
 

```
LANG=C
export LANG
```
3. Edit the *AccessManager\_base/bin/amsamplesilent* file. Change the values such as web container details, amadmin password, amldap user password, and encryption key.
4. Configure Access Manager.

```
AccessManager_base/bin/amconfig -s amsamplesilent
```

5. Customize the configuration xml file that is located in the `PortalServer_base/samples/psconfig` directory.

---

**Note** – Refer to the `PortalServer_base/samples/psconfig/README.TXT` to know more about the configuration xml file that you need to use.

---

6. In the configuration xml file change the values such as web container details, Portal Server component details, and path to shared components.
7. Configure Portal Server.

`PortalServer_base/bin/psconfig --config example-file`

## Upgrade

For upgrade issues, refer to the Upgrade Guide for Unix.

When you upgrade Java ES 4 to Java ES 5, the search migration fails. (#6440906)

**Solution:** Do the following:

1. Before running the `psupgrade` script, open the Java ES 4 `search.conf` file.  
The `search.conf` file is located in the `/var/opt/SUNWps/https-server/portal/config` directory.
2. In the `search.conf` file, change `libdir="/opt/SUNWps/lib"` to `libdir="/opt/SUNWps.bak/lib:/opt/SUNWps/lib"`.  
where `/opt/SUNWps` is the Java ES 4 installation directory.
3. Run the `psupgrade` script.

After the upgrade, some of the customization made to the search server configuration are not migrated to the UpgradeSearch. For the migration that is not handled by `psupgrade`, manual carry over from upgraded Portal Server 6.3.1 is needed. These operations should be performed after stopping all search related processes, such as `search webapp`, `robot`, `rdregister`, `autoclassify`, and `profiler`.

1. Copy the following files to the upgraded search server directory:

```
cp $SRC/config/taxonomy.rdm $DEST/config
cp $SRC/config/filterrules.conf $DEST/config
cp $SRC/config/import.conf $DEST/config
cp $SRC/config/classification.conf $DEST/config
cp $SRC/config/schema.rdm $DEST/config
```

where `SRC` is the path to the old search server directory and `DEST` is the path to the new upgraded search server directory.

2. Depending on what was customized in Portal Server 6.3x, do the following:
  - For Robot, use the Portal Server 7.1 administration console's robot/properties to reconfigure the robot.conf's parameter such as proxy and authentication. Use the Portal Server 7.1 administration console's robot/filter to update the robot filter properties with the customization done on Portal Server 6.3.1's `/var/opt/SUNWps.bak/server/portal/config/filter.conf` file.
  - For federated search databases, refer to the Portal Server 7.1 configuration guide for more information on how to set up Federated Search.
3. Restart the search server web container and search related processes.

## Others

If the administration server is stopped, and you try to deploy a war file, you get the following error message, "Error deploying file *file.war* to instance *node-name-80* on host *node.domain-name*. (#6506028)

**Description:** Ensure that the instance on the host machine is running.

## Known Issues and Limitations

The following are the known issues and limitation of the Portal Server.

Some strings are truncated when you launch a Proxylet. (#6447909)

**Description:** Some strings are truncated when you launch a Proxylet.

When you deploy portlet without roles and users files, the verify information screen at deploy portal displays garbaged strings. (#6508230)

**Description:** In the Deploy Portlet wizard step 3, if no roles file or users file is defined, the message "Roles file not defined" or "Users file not defined" are not localized. The screen displays garbage messages.

Taskadmin setup must set administrator role desktop service attributes. (#6519875)

**Solution:** Do the following:

1. Before running the taskadmin setup, ensure that the following Portal Desktop service attribute values for the admin role dns, found in the `taskadmin.properties` file: `content.admin.role.dn` and `user.admin.role.dn`.
2. Match the organization Portal Desktop service attribute values.

For example, if the EnterpriseSample organization Portal Desktop service attribute values are: Parent Container: ASCTabContainer, EditContainer: JSPEditContainer, and Default Type: enterprise\_sample. The admin role DN's are both set to "cn=Organization Admin Role, o=EnterpriseSample, dc=siroe, dc=com".

3. Ensure that the Portal Desktop service attributes for the admin role DN "cn=Organization Admin Role, o=EnterpriseSample, dc=siroe, dc=com" matches the organization settings. Otherwise, when a user that belongs to the admin role authenticates to the Portal Desktop, that user may be presented with the incorrect Portal Desktop.

Java DB patch needs to be applied to fix the bugs in connection cleanup. (#6521400)

**Description:** Bugs in Java DB distribution causes portal hang while waiting for a connection. The details about the bugs are provided at <https://issues.apache.org/jira/browse/DERBY-1856> and <http://issues.apache.org/jira/browse/DERBY-2084>. However, the likelihood of facing a portal hang is very low.

**Solution:** Download and apply the following Java DB patches from sunsolve.

- For Solaris SPARC – 125245-01
- For Solaris x86 – 125246-01
- For Linux – 125270-01

UWC Calendar does not come up through gateway. (#6218353)

**Description:** Clicking the Launch Calendar link displays the following error message, "Unable to load the requested page. Cookies are blocked."

SunOne Address Book does not work if Portal Server and Access Manager are installed on two different nodes. (#653732)

**Solution:** Restart web container.

Execution of the psadmin delete command takes a longer time on Web Server 7.0. (#6506037)

**Description:** On Web Server 7.0, the psadmin delete-instance command runs the wadm deploy-config command on every execution of wadm remove-webapp. Hence it takes a long time.

If Portal Server is installed on an Application Server cluster, you can not delete only one Portal Server instance. (#6506689)

**Description:** You need to remove all Portal Server instances. Use the psconfig --unconfig command to unconfigure Portal Server or use the psadmin delete-portal command to delete Portal Server.

IPC can not be used with WSRP. (#6509086)

**Description:** Inter Portlet Communication (IPC) cannot be used with WSRP. You can publish the portlets that participate in Inter Portlet Communication through WSRP. But the IPC functionality does not work.

The UserRoleAdmin-AdminTab is not visible for users with the OrganisationAdmin role. (# 6511559)

**Solution:** Edit the /etc/opt/SUNWam/config/AMConfig.properties file on Portal Server or Access Manager SDK machine to set com.ipplanet.am.session.client.polling.enable property to False. Then, restart Portal Server web container.

In the Deploy Portlet wizard, a message is not localized. (# 6508946)

**Description:** In the Deploy Portlet wizard step 3, if no roles file or users file is defined, the message "Roles file not defined" or "Users file not defined" appears. These messages are not properly localized. The page displays garbled messages.

Portal Server is sensitive towards multiple JRE versions. (# 6510536)

**Description:** If multiple JREs are present on the client machine, there may be issues in launching Java Web Start on Netscape and Mozilla browsers.

**Solution:** Retain only one JRE on the client machine and uninstall others.

Due to the weak security status of SSL2, customers are advised to disable SSL2 and leave it disabled. (#6507762)

**Solution:** Do the following to disable SSL2.

1. Log in to the Portal Server administration console.
2. Click SRA > Profile > Security.
3. Under TLS And SSL, clear the SSL Version 2.0 Enable option.
4. Click Save.

Using the Internet Explorer, when you try to deploy a portlet or create a new producer in WSRP, you are logged out. (#6491413)

**Solution:** For Portal Server administration console, use a browser other than Internet Explorer.

Portal Server does not support a different web container for Access Manager. (#6470425)

**Description:** Use the same web container for Portal Server and Access Manager.

You can not work with the strutssample.war if Portal Server is installed on Web Server 7.0. (#6505547)

**Description:** If Portal Server is installed on Web Server 7.0 and strutssample.war is deployed, the psadmin commands that modify Web Server configuration do not work. For example, the psadmin deploy-portlet command.

Shared events and tasks are not able to create an event and task. (#6486930)

**Solution:** During installation and configuration of shared events and shared tasks, in the `tokens.properties` file, set the `IS_HOSTED_DOMAIN_ENV=` property to true.

The `tokens.properties` file is located in the  
`/var/opt/SUNWportal/portals/portal1/portletapps/sharedevents/tokens.properties`  
directory.

The file system structure for all instance in the same portal should be similar.  
(#6348452)

**Description:** The file system structure for all instance in the same portal should be similar.

Enterprise Sample Portal is not localized. (#6337500)

**Description:** Enterprise Sample has not been localized.

Internal ports are revealed if proxylet is enabled in a gateway profile.  
(#6326785)

**Description:** If the gateway is running on any non-default port, the browser displays the port value in the URL. This applies even if gateway is made to run on a non-default SSL port other than 443 with proxylet disabled. When proxylet is enabled, an addition socket listener is introduced in the gateway. The socket listener runs on the default port and the gateway is made to listen on a non-default port. So, the non-default port is displayed in the URL.

If automatic proxy configuration is enabled on Mozilla browser, the Portal Server console hangs. (#6493377)

**Description:** In the proxylet channel, if the proxylet user selects an application to download in JWS mode, the console appears properly. However, downloading stops at 30% and the console does not respond.

Inter Portlet Communication for multiple WAR does not work, if the portlet channel is minimized or closed. (#6271542)

**Description:** Currently, the scope of the event processing is limited to the portlets in the same tab. Hence, portlets in minimized or closed channel do not appear in the list of portlets participating in Inter Portlet Communication. Inter Portlet Communication does not work in case the portlet channel is minimized or closed since the events will not be sent to closed or minimized channels.

Proxylet does not function properly in Java Runtime Environment. (#6409604)

**Description:** Proxylet does not function properly in Java Runtime Environment 1.4.2\_03, 1.5.0\_04, 1.5.0\_08, and 1.5.0\_09 versions. Proxylet functionality is not supported in any Java Runtime Environment version that is less than 1.4.2. It is recommended to use Java Runtime Environment 1.5.0\_06. If you have any other version of Java Runtime Environment, uninstall the same.

Cannot add or change contacts in address book with special characters.  
(#6490665)

**Description:** When using the address book component of Mobile Access, a user cannot add or change contacts that contain special characters, such as <>, &, ', and ". This happens if the address book is configured with Communications Express (UWC).

**Solution:** Use Communications Express (UWC) HTML client (not mobile device) to manage contacts with special characters.

Google APIs not fully supported. (#6335501)

**Description:** Google APIs currently do not fully support double-byte character search, particularly in Chinese, Japanese, and Korean.

Portal Server should be installable with Access Manager in Realm mode (#6381856, 6499572)

**Description:** Portal Server should be able to be installed when Access Manager is installed in Realm mode.

**Solution:** When you install Access Manager in Realm mode from the Java ES installer, you can ignore the popup message that lists Portal Server as being able to be installed only in Legacy mode. Portal Server installs successfully with Access Manager installed in Realm mode.

Here are some considerations when using Portal Server in Realm mode:

- Migration from Portal Server 7.0 running in Legacy mode to Portal Server 7.1 running Realm mode is not supported.
- When Portal Server is configured with Access Manager in Realm mode, after the configuration restart of common agent container is required. Without restart, when SSO Adapter tab in Portal Server administration console is accessed, there will be no meta adapters. If SSO Adaptor does not have the meta adapters, then UWC and communication channels available on the Portal Server desktop do not work. Applications such as Exchange and iNotes do not work.
- Portal Server supports Realm mode only if Directory Server and the Access Manager SDK plug-in are installed and configured.
- The realm mode administration console can be accessed from `http://host.port/amserver/console`. Refer to the Access Manager documentation for information on using the Realm mode administration console, because the Legacy mode administration console is not available.

For Proxylet to appear as a console window, browser settings needs to be changed in Netscape 8.0.4. (#6483268)

**Solution:** Do the following to make Proxylet appear as a console window in Netscape 8.0.4:

1. Click Tools —> Options —> Site Controls —> Site List —> Master Settings.

2. Clear Open unrequested pop-ups in new tab and Allow unrequested pop-up windows check boxes.
3. Click Tools > Options > Tab Browsing.
4. Select Open links from other applications in New window check box. Clear Open a new tab instead of a new window and Open non-requested pop-ups in a new tab check boxes.
5. Restart the browser.

Using the NetFile option, you cannot open any files. When you try to open a file, the Save As dialog box is displayed. (#6465918)

**Description:** Ideally, the file should be opened if it is a known file type. If it is an unknown file type, it should display the Save As dialog box that prompts the user to save the file. Firefox 1.07 does not allow the user to specify actions for any file extensions. So, when the user tries to open a file through NetFile, it displays the Save As dialog box. Firefox 1.5 or higher versions allows the user to open the known files.

Netmail functionality is removed from Java Enterprise System 5. (#6448968)

**Description:** Netmail functionality is removed from Java Enterprise System 5.

Portal links are redirected to the wrong install if portal is not deployed on Access Manager in a multi-portal installation. This issue occurs only with Internet Explorer 6 Service Pack 1. (#6325586)

**Solution:** Use Internet Explorer 6 Service Pack 2 in Windows XP or use Mozilla Firefox.

psconsole misbehaves after modifying site configuration. (#6446355)

**Solution:** Restart common agent container and Access Manager after site configuration is modified.

ESP portal community portlet does not display any content. (#6506357)

**Solution:** Refresh the ESP portal community portal.

Java DB should be manually restarted after the installation and configuration of Portal Server. (#6505149)

**Solution:** The installer executes `00community.sql` to create the Java DB user and to configure security on the database. Restart Java DB for those properties to take effect.

Portal admin log level should be set to FINEST during creation of multi-portal and multi-instance. (#6446151)

**Solution:** Before running psadmin commands, such as create-portal, create-instance, create-search, and so on, set the log level to FINEST to get detailed logs during configuration. You can use the following command to set the log level to FINEST:

```
psadmin set-logger -u uid -f password-filename -m component-type -L FINEST
```

Switch the log level to SEVERE after you complete running the psadmin command using the following:

```
psadmin set-logger -u uid -f password-filename -m component-type -L SEVERE
```

The pac file does not get created in JNLP mode for Netscape 8.0 browser. (#6319863)

**Description:** pac file does not get created in JNLP mode for Netscape 8.0 browser.

Some of the Secure Remote Access attributes are not present in the psconsole. (#6301784)

**Description:** The following Secure Remote Access attributes can be modified only from the Command—Line Interface.

- sunPortalGatewayDefaultDomainAndSubdomains
  - sunPortalGatewayLoggingEnabled
  - sunPortalGatewayEProxyPerSessionLogging
  - sunPortalGatewayEProxyDetailedPerSessionLogging
  - sunPortalGatewayNetletLoggingEnabled
  - sunPortalGatewayEnableMIMEGuessing
  - sunPortalGatewayParserToURIMap
  - sunPortalGatewayEnableObfuscation
  - sunPortalGatewayObfuscationSecretKey
  - sunPortalGatewayNotToObscureURIList
  - sunPortalGatewayUseConsistentProtocolForGateway
  - sunPortalGatewayEnableCookieManager
  - sunPortalGatewayMarkCookiesSecure
- Portal Server Secure Remote Access component cannot be configured after Portal Server is configured. It has to be configured along with Portal Server.
  - Deployment of Portal Server on two different instances of Application Server 8.1 within the same domain is not supported.
  - For Proxylet, JWS mode is not supported on Mozilla 1.6. However, it works fine in Mozilla 1.7 with JVM 1.5.
  - When the JavaScript feature of the client browser is disabled (in Internet Explorer or in Mozilla/Firefox), the HTML Editor embedded both in the Wiki portlet and the Discussion portlet does not replace the standard <Text area> HTML Form element, as it would if JavaScript was enabled. To get the WYSIWYG feature of the HTML editor, the browser JavaScript functionality must be enabled.
  - Template loaded by shared events and tasks is not accessible through Portal Server administration console.
  - Calendar and Address Book channels do not support Microsoft Exchange 5.5 because it is unsupported by Microsoft.

- When creating a search database, double byte characters are not allowed in the database name.
- Repeated Directory Server searches slow down Portal Server. Apply the appropriate patch `20051207patch1.1.qa`.
- Changes in Access Manager causes a slowdown in Portal Server throughput and an increase in Directory Server utilization. So, add the appropriate patch (120954-01 for SPARC, 120955-01 for x86, or 120956-01 for Linux) to Access Manager and modify the Logging Service buffer size from the Access Manager administration console. To modify the Logging Service buffer:
  1. Log in to the Access Manager administration console and select Service Configuration > Logging > Buffer Size.
  2. Enter a value of 50.
  3. Click Save.
- There are some known issues related to the integration of iNotes and Microsoft Exchange with SRA through rewriter in the gateway. Use proxylet for the same. (#6186547, 6186541, 6186544, 6186535, 6186534, 6186540, 6308176)
- Proxylet in JWS mode does not come up in Internet Explore 7.0. (#6490174)
- Proxylet applet window shows address url field for Internet Explorer 7.0. (#6490176)
- While accessing Portal Server, you need to provide the domain name of the machine where you installed Portal Server. (#6472156)
- Mobile Access does not work on any other port other than 80 in a Treo device. (#6491785)

## Securing Data in Java DB Database for Portal Server

There are two portal components that use the relational database: community membership and configuration and portlet applications, such as wiki, survey, and filesharing. By default, Portal Server uses Java DB. After the installation, Portal Server can be configured to switch to Oracle. In that case, you need to shut down the Java DB database.

Java DB should also be stopped if community features and the portlet application are not used in the deployed portal.

For each portal component using relational database, a separate database instance is configured with default userid and password. The default userid is "portal" and the default password is "portal". After the installation, you are recommended to change the default password and the access permissions of the properties files containing them.

### ▼ To Secure the Community Membership and Configuration Database

Repeat the following instructions for each portal in your environment. Replace the <portal-ID> string with actual portalid (for example, portal1, portal2, and so on).

- 1 Restart the Java DB.
- 2 Use Derby CLI or any other equivalent tool to change the password for default user portal by connecting to the communitymc\_portal-ID database. If you are using a GUI like Squirrel-j, use the sql editor to execute the following command after connecting to the PS's Java DB database.`CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY('derby.user.portal', 'your-new-password');`
- 3 Restart Java DB.
- 4 Use Java DB command line or any other equivalent tool to connect to the communitymc\_portalID database with new password to verify that the password was set correctly.
- 5 For each portal instance do the following.
  - a. Refer to the Web container's administrator guide and change the password for the jdbc/communitymc datasource to the new password that was set in step 2.
  - b. Open the PortalServer-data-dir/portals/portal-ID/config/portal.dbadmin file and change the password for the property community.db.password to the new password that you set using the Java DB CLI or any other equivalent tool in step 2.
  - c. Change permission of the PortalServer-DataDir/portals/portal-ID/config/portal.dbadmin file so that it is readable and writable only by the owner (for example, `chmod 600 portal.dbadmin`).
  - d. Restart the web container.

## ▼ To Secure Data for Fileshare Portlet Application

Repeat the following instructions for each portal in your environment. Replace the <portal-ID> string with actual portalid (for example, portal1, portal2, and so on).

- 1 Restart the Java DB.
- 2 Use Java DB CLI or any other equivalent tool to change the password for default user "portal" by connecting to the filesharingdb\_portal-ID database. If you are using Squirrel-j, you need to execute the following steps on your sql editor.

```
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.authentication.provider', 'BUILTIN');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.connection.requireAuthentication', 'true');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.user.portal', 'your-new-password');
```

```
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.database.fullAccessUsers', 'portal');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.database.defaultConnectionMode', 'noAccess');
```

- 3 **Restart Java DB.**
- 4 **Use Java DB command line or any other equivalent tool to connect to the filesharingdb\_portal-ID database with new password to verify that the password was set correctly.**
- 5 **For each portal instance do the following.**
  - a. **Refer to Web container's administrator guide and change the password for the jdbc/FileSharingDB datasource to the new password that was set in step 2.**
  - b. **Open**  
PortalServer-DataDir/portals/portal-ID/portletapps/filesharing/tokens.properties **file and change the password value for the property DB\_ADMIN\_PASSWORD and DB\_PASSWORD to the new password that you set using the Java DB CLI or any other equivalent tool in step 2.**
  - c. **Change permission of the**  
PortalServer-DataDir/portals/portal-ID/portletapps/filesharing/tokens.properties **file so that it is readable and writable only by the owner (for example, chmod 600 tokens.properties).**
  - d. **Restart the web container.**

## ▼ **To Secure Data for Wiki Portlet Application**

Repeat the following instructions for each portal in your environment. Replace the <portal-ID> string with actual portalid (for example, portal1, portal2, and so on).

- 1 **Restart the Java DB.**
- 2 **Use Java DB CLI or any other equivalent tool to change the password for default user "portal" by connecting to the wikidb\_portal-ID database. If you are using Squirrel-j, you need to execute the following steps on your sql editor.**

```
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.authentication.provider', 'BUILTIN');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.connection.requireAuthentication', 'true');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.user.portal', 'your-new-password');
```

```
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.database.fullAccessUsers', 'portal');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.database.defaultConnectionMode', 'noAccess');
```

- 3 Restart the Java DB.
- 4 Use Java DB command line or any other equivalent tool to connect to the `wikidb_portal-ID` database with new password to verify that the password was set correctly.
- 5 For each portal instance do the following.
  - a. Refer to the web container's administrator guide and change the password for the `jdbc/WikiDB` datasource to the new password that was set in step 2.
  - b. Open the `PortalServer-DataDir/portals/portal-ID/portletapps/wiki/tokens.properties` file and change the password value for the property `DB_ADMIN_PASSWORD` and `DB_PASSWORD` to the new password that you set using the Java DB CLI or any other equivalent tool in step 2.
  - c. Change permission of the `PortalServer-DataDir/portals/portal-ID/portletapps/wiki/tokens.properties` file so that it is readable and writable only by the owner (for example, `chmod 600 tokens.properties`).
- 6 Restart the web container.

## ▼ To Secure Data for Surveys Portlet Application

Repeat the following instructions for each portal in your environment. Replace the `<portal-ID>` string with actual portalid (for example, `portal1`, `portal2`, and so on).

- 1 Restart the Java DB.
- 2 Use Java DB CLI or any other equivalent tool to change the password for default user "portal" by connecting to the `surveysdb_portal-ID` database. If you are using `Squirrel-j`, you need to execute the following steps on your sql editor.

```
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.authentication.provider', 'BUILTIN');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.connection.requireAuthentication', 'true');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
('derby.user.portal', 'your-new-password');
CALL SYSCS_UTIL.SYSCS_SET_DATABASE_PROPERTY
```

```
( 'derby.database.fullAccessUsers', 'portal' );  
CALL SYCS_UTIL.SYCS_SET_DATABASE_PROPERTY  
( 'derby.database.defaultConnectionMode', 'noAccess' );
```

- 3 **Restart the Java DB.**
- 4 **Use Java DB command line or any other equivalent tool to connect to the surveysdb\_portal-ID database with new password to verify that the password was set correctly.**
- 5 **For each portal instance do the following.**
  - a. **Refer to the web container's administrator guide and change the password for the jdbc/SurveysDB datasource to the new password that was set in step 2.**
  - b. **Open the**  
PortalServer-DataDir/portals/portal-ID/portletapps/surveys/tokens.properties **file and change the password value for the property DB\_ADMIN\_PASSWORD and DB\_PASSWORD to the new password that you set using the Java DB CLI or any other equivalent tool in step 2.**
  - c. **Change permission of the**  
PortalServer-DataDir/portals/portal-ID>/portletapps/surveys/tokens.properties **file so that it is readable and writable only by the owner (for example, chmod 600 tokens.properties).**
  - d. **Restart the web container.**

## Redistributable Files

Sun Java System Portal Server 7.1 does not contain any files which you can redistribute.

## How to Report Problems and Provide Feedback

If you have problems with Sun Java System Portal Server, contact Sun customer support using one of the following mechanisms:

- Sun Software Support services online at <http://www.sun.com/service/sunone/software> ([www.sun.com/service/sunjavasystem/sjsserviceessuite.html](http://www.sun.com/service/sunjavasystem/sjsserviceessuite.html))

This site has links to the Knowledge Base, Online Support Center, and ProductTracker, as well as to maintenance programs and support contact numbers.

- The telephone dispatch number associated with your maintenance contract

To assist you in resolving problems, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps

If you have problems with Sun Java System Portal Server, Mobile Access, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, Operating System version, and the product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- What patches (with patch numbers) are installed
- Whether the problem is seen on the phone, the emulator, or Mobile Access server
- Whether the problem is specific to any particular type of device (for example, Sony Ericsson P800 or Nokia 3650)
- Whether problem occurred on default installation of Mobile Access software (if applicable)
- When the problem was first seen
- Whether the problem occurs all the time or randomly
- What changes, if any, were made just before the problem started
- How many users are affected by the problem
- The number instances of Mobile Access software and how they are linked to Portal Server software and Access Manager software
- The number of machines and how they are set up with regard to Mobile Access software
- What error messages or exceptions are reported in the log files under `/var/opt/SUNWportal/logs`, `/var/opt/SUNWportal/portals/<portalid>/logs`, `/var/opt/SUNWam/debug` directories.
- What error messages are reported in the information window for emulators
- What the Web Server port is where Mobile Access is installed

If your problems seem to be associated with a client, have the following information available:

- What client types are new
- What default client type settings have changed and how
- What errors or exceptions are reported in the `/var/opt/SUNWam/debug/render.debug` file or the `/var/opt/SUNWam/debug/MAPFilterConfig` file

- What exceptions are reported in the tag libs log file `/var/opt/SUNWam/debug/mapJsp`

## Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. Use the web-based form to provide feedback to Sun:

[www.sun.com/hwdocs/feedback](http://www.sun.com/hwdocs/feedback)

Please provide the full document title and part number in the appropriate fields. The part number is a seven-digit or nine-digit number that can be found on the title page of the book or at the top of the document. For example, the part number of these Release Notes document is 819-4986.

## Additional Sun Resources

Useful Sun Java System information can be found at the following Internet locations:

- Sun Java System Documentation: <http://docs.sun.com/prod/java.sys>
- Sun Java System Professional Services:  
<http://www.sun.com/service/sunjavasystem/sjsservicessuite.html>
- Sun Java System Software Products and Service [www.sun.com/software](http://www.sun.com/software)
- Sun Java System Software Support Services:  
<http://www.sun.com/service/serviceplans/software/>
- Sun Java System Support and Knowledge Base  
<http://www.sun.com/service/serviceplans/software/>
- Sun Support and Training Services: <http://www.sun.com/training/>
- Sun Java System Consulting and Professional Services:  
<http://www.sun.com/service/sunjavasystem/sjsservicessuite.html>
- Sun Java System Developer Information: <http://developers.sun.com/>
- Sun Developer Support Services: <http://developers.sun.com/prodtech/support/>
- Sun Java System Software Training <http://www.sun.com/training>
- Sun Software Data Sheets: [www.sun.com/software](http://www.sun.com/software)