Sun Java™ System Portal Server Release Notes for HP-UX

Version 6 2005Q1

Part Number 819-1571-10

These Release Notes contain important information available at the time of release of Sun Java™ System Portal Server 6 2005Q1 for HP-UX. Known issues and limitations, and other information are addressed here. Read this document before you begin using Portal Server 6.

The most up-to-date version of these release notes can be found at the Sun Java System documentation web site: `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
- About Portal Server 6 2005Q1
- Bugs Fixed in This Release
- Important Information
- Known Issues and Limitations
- Redistributable Files
- How to Report Problems and Provide Feedback
- Additional Sun Resources

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
February, 2005	Initial release of Sun Java System Portal Server 6 2005Q1 Release Notes for HP-UX
July, 2005	Release of RR version of Sun Java System Portal Server 6 2005Q1 Release Notes for HP-UX

About Portal Server 6 2005Q1

The Sun Java System Portal Server 6 2005Q1 product gives end users a Portal Desktop, which provides access to resources and applications. The Portal Server software also provides a search engine infrastructure that enables intranet content to be organized and accessed from the Portal Desktop. Additionally, in this release, the communication channels are now installed with the Portal Server software. The communication channels consist of mail, calendar, address book, and instant messaging channels.

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

This section includes:

- What's New in This Release

- Hardware and Software Requirements

What's New in This Release

The following Secure Remote Access features are new and have not been documented in the *Sun Java System Portal Server Secure Remote Access 6 2005Q1 Administration Guide*.

- HTTPS Support in Proxylet. This implementation has the following results:

  o Decryption is done at the client server.

- You can access destination servers running in SSL mode.

- Can directly present client certificate to the destination server.

- Basic authentication single sign on is no longer available at the gateway. (The Gateway can not insert SSO information in http headers.)

- URL-based access control is no longer supported, only host-based access control,

- External accelerators and external reverse proxies in front of the GW are not currently supported.

- This support is not for Proxylet with Portal Server on HTTPS.

- The Proxylet Java applet now has rules that determine the content of the PAC file. All HTTP requests go to Proxylet. The Proxylet rules allow the administrator to specify mappings based on protocol, host, or port to domains.

  For example an administrator can make a rule so that all FTP traffic is routed through Netlet and all HTTP traffic is routed through Proxylet.

Using the Access Manager administration console, the Portal Server administrator can choose whether to launch Netlet with Java Web Start or the Netlet applet. If the administrator chooses Java Web Start, when the user clicks Netlet icon on the desktop, the browser is launched and Netlet runs. When using Java Web Start, once it is deployed, Netlet does not need to be downloaded again.

Hardware and Software Requirements

The following hardware and software are required for this release of Portal Server 6 2005Q1.

Table 2   HP-UX Hardware and Software Requirements

Component	Platform Requirement
Supported Platforms	HP-UX PA-RISC
Operating System	HP-UX 11i v1
RAM	1 Gbytes
Disk space	500 Mbytes

For software requirements, see the *Sun Java Enterprise System Release Notes* at http://docs.sun.com.

Bugs Fixed in This Release

The table below describes the bugs fixed in Portal Server 6 2005Q1 (3.6):

Table 3   Fixed Bugs in Portal Server 6 2005Q1

Bug Number	Description
6221224	Default database and Discussion database is missing in Beta Release.
6239435	Certification generation on HP-UX fails for PS-SRA configuration.

Important Information

Installation Notes

This section contains installation information for:

- Default Paths and File Names
- Portal Server Configuration
- Web Containers
- Post Installation Configuration
- Gateway Configuration Checklist
- Netlet Proxy Configuration Checklist
- Rewriter Proxy Configuration Checklist
- Configuring Portal Server in Interactive Mode
- Configuring Portal Server in Silent Mode
- Portal Server Post-Installation Tasks
- Installing JSR168 Sample Portlets and WSRP Samples on Third-Party Web Containers
- Verifying the Portal Server Installation
- Verifying the Gateway Installation

Default Paths and File Names

The following table describes the default paths and file names used.

Table 4   Default Paths and File Names

Term	Description
PortalServer-base	Represents the base installation directory for Portal Server. The Portal Server 2005Q1 default base installation and product directory depends on your specific platform: `/opt/sun` For example, if the install root is /opt (the default) the Portal Server is installed in /opt/sun/portal_svr.
AccessManager-base	Represents the base installation directory for Access Manager. The Access Manager 2005 Q1 default base installation and product directory depends on your specific platform: `/opt/sun/identity`
DirectoryServer-base	Represents the base installation directory for Sun Java System Directory Server. Refer to the product documentation for the specific path name.
ApplicationServer-base	Represents the base installation directory for Sun Java System Application Server. Refer to the product documentation for the specific path name.
WebServer-base	Represents the base installation directory for Sun Java System Web Server. Refer to the product documentation for the specific path name.

Portal Server Configuration

For Sun Java Enterprise System 2005Q1 Portal Server can be installed and configured to run with either:

- Access Manager installed and configured in the same installation session on the same machine
- Access Manager previously installed and configured on a separate machine

Web Containers

After Portal Server and Access Manager SDK have been installed using Sun Java Enterprise Server installation program, use the following procedures to install JSR168 sample portlets or WSRP samples. If you use Sun Java System Web Server or Sun Java System Application Server, install the WSRP samples.

NOTE	In the Beta Release, Application Server is not supported as web container.

For detailed instructions on installing the Sun Java Enterprise System component products, refer to the *Sun Java Enterprise System Installation Guide* at http://docs.sun.com/db/doc/817-5760

To Install WSRP Samples on Web Server or Application Server

The following manual steps are needed after the Portal Server and Access Manager SDK have been installed on Sun Java System Web Server 6.1 and Sun Java Server Application Server 8:

1. Restart the Web Server or Application Server instance.

2. Make sure that the PATH setting includes /usr/bin. This is needed for awk part of script to run correctly.

3. Execute the following commands to configure the WSRP samples.

   /opt/sun/portal_svr/samples/wsrpconsumer/consumersampleconfig

   Provide the Access Manager admin password when prompted.

Post Installation Configuration

This section is organized as follows:

- The psconfig Script

- Portal Server And Secure Remote Access Configuration Checklist

- Gateway Configuration Checklist

- Netlet Proxy Configuration Checklist

- Rewriter Proxy Configuration Checklist

- Configuring Portal Server in Interactive Mode

- Configuring Portal Server in Silent Mode

- Portal Server Post-Installation Tasks

The psconfig Script

If you have installed Portal Server with the Sun Java Enterprise System installer with the "Configure Later" option, use psconfig to configure the Portal Server component product. The following checklists in this section describe the parameters used to configure the Portal Server component product.

To run psconfig:

1. As root in a terminal window, go to the directory that contains the `psconfig` script:

   `cd /PortalServer-base/portal_svr/lib`

2. Configuration can be performed in either the interactive mode or using a silent file.

   ○ To configure in the interactive mode, execute the `psconfig` script by typing `./psconfig` and then enter appropriate answers for the configuration questions.

     See "Configuring Portal Server in Interactive Mode."

   ○ To configure using the sample silent file, execute the `psconfig` script by typing

     `./psconfig -s` *pssamplesilentfile*

     See "Configuring Portal Server in Silent Mode."

NOTE	Sample `pssamplesilent` file is available at the location *PortalServer-base*/`portal_svr/lib`. Modify this file for your setup details before using it.

If you have performed a minimal installation, you will need to use the `psconfig` script to configure your Portal Server installation. The following checklists describe the values that you will need for a post-install configuration. Depending on the type of installation you perform, the values that you use might vary.

The Checklists are organized in the following way:

- Components

- Base Directory

- Configuration Mode

- Deployment Information

- Web Container Information

  ○ Sun Java Webserver

  ○ Sun Java Application Server 8.1

- Portal Server Information

- Identity Server Information

- Secure Remote Access Information

  ○ Gateway

- o Netlet Proxy

- o Rewriter Proxy

Portal Server And Secure Remote Access Configuration Checklist

The table below is a three column table that lists all the values that you might need for a post-install configuration. Depending on the type of installation you perform, the values that you use might vary.

NOTE	The Portal Server 2005Q1 default base installation and product directory depends on your specific platform:
	/opt/sun

NOTE	If a parameter is not applicable to a container, it is not included in the table.

Table 5   Portal Server Configuration Checklist

Parameter	Default Value	Description
COMPONENTS		
Sun Java System Portal Server components to be configured	1,2,3,4,5	Set "1" to configure PortalServer.
		Set "2" to configure Secure Remote Access Core.
		Set "3" to configure Gateway.
		Set "4" to configure NetletProxy.
		Set "5" to configure RewriterProxy.
		To Configure multiple components, use a comma (,) to separate entries.
BASEDIR		

Table 5 Portal Server Configuration Checklist *(Continued)*

Parameter	Default Value	Description
BASEDIR The directory where Sun Java System Portal Server configurator components are installed		This is the base directory in which the Portal Server software is installed using Java Enterprise System Installer. The base directory depends on the platform you are using. For example, if the install root is /opt (the default) the Portal Server is installed in: /opt/sun/portal_svr
PS_CONFIGURATION_MODE The Configuration mode in which you want the Sun Java System configurator needs to be executed	configure	Possible values are: configure–Configure the Portal Server Components.
Deployment Information		
PS_DEPLOY_TYPE The web container on which Portal Server is being deployed. The Portal Server can be deployed on Sun Java System Web Server Sun Java System Application Server 8.1	SUNONE8	Possible values are: IWS = Sun Java System Web Server SUNONE8 = Sun Java System Application Server 8.1
Web Container Information **Sun Java System Web Server**		
PS_DEPLOY_DIR	/opt/sun/webserver	Directory in which the Sun Java System Web Server is installed.
PS_DEPLOY_INSTANCE	myportalbox.mydomain.com	The web server instance you want the Portal Server to use. Note: The instance name should not contain spaces.
PS_DEPLOY_DOCROOT	/opt/sun/webserver/docs	The Web Server Directory where static pages are kept.
PS_DEPLOY_ADMIN	admin	The administrator user ID.
PS_DEPLOY_ADMIN_PROTOCOL	http	The administration server Protocol.
PS_DEPLOY_ADMIN_HOST	myportalbox.mydomain.com	The administration server hostname.
PS_DEPLOY_ADMIN_PORT	8888	The port number of the administration server.
PS_DEPLOY_JDK_DIR	/usr/jdk/entsys-j2se	The JDK Directory that is being used by the web container.

Table 5 Portal Server Configuration Checklist *(Continued)*

Parameter	Default Value	Description
Web Container Information **Sun Java System Application Server 8.1**		
PS_DEPLOY_DIR	/opt/sun/appserver	Directory in which the Sun Java System Application Server 8.1 is installed
PS_DEPLOY_DOMAIN	domain1	The Sun Java System Application Server domain contains a set of instances. The domain specified will contain the instance used by the Portal Server.
		This domain must already be configured.
PS_DEPLOY_INSTANCE_DIR	/var/opt/sun/appserver/domains/domain1	The full path of the domain specified that will be configured for the Portal Server.
PS_DEPLOY_INSTANCE	server	The name of the Sun Java System Application Server instance to which the Portal Server will be deployed.
		This instance must already be configured. The instance name should not contain spaces.
PS_DEPLOY_DOCROOT	/var/opt/sun/appserver/domains/domain1/docroot	The Application Server Directory where static pages are kept.
PS_DEPLOY_ADMIN	admin	The administrator user ID.
PS_DEPLOY_ADMIN_PROTOCOL	https	The administration server Protocol.
PS_DEPLOY_ADMIN_HOST	myportalbox.mydomain.com	The administration server hostname.
PS_DEPLOY_ADMIN_PORT	4849	The port number of the administration server.
PS_DEPLOY_JDK_DIR	/usr/jdk/entsys-j2se	The JDK Directory that is being used by the web container.
Secure Remote Access Information (for configuring Secure Remote Access Support)		
SRA_GW_PROTOCOL Gateway Protocol	https	The Protocol used by the gateway. The gateway will communicate using Secure Sockets Layer (SSL).
SRA_GW_PORT Gateway Port	443	The port on which the gateway listens.

Table 5 Portal Server Configuration Checklist *(Continued)*

Parameter	Default Value	Description
SRA_GATEWAY_PROFILE Gateway Profile Name	default	A gateway profile contains all the information related to gateway configuration, such as the port on which gateway listens, SSL options, and proxy options. You can create multiple profiles in the gateway administration console and associate different instances of gateway with different profiles. See "Creating a Gateway Profile" in the Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide.
SRA_SERVER_DOMAIN	*portal-server-domain-name*	The domain name for the machine on which the Portal Server is installed.
SRA_GW_DOMAIN Gateway Domain	*gateway-domain-name*	The domain name of the gateway machine.
SRA_IDSAME_ADMIN_PASSWORD Administrator (amadmin) Password		The top level administrator (amadmin) password chosen during the Sun Java System Identity Server software installation.
SRA_IDSAME_LDAPUSER_PASSWORD Internal LDAP Authentication User Password		The Internal LDAP Authentication User Password chosen during the Sun Java System Identity Server installation.
SRA_DS_DIRMGR_DN Directory Manager DN	cn=Directory Manager	The directory manager DN chosen during the installation of the Sun Java System Directory Server.
SRA_DS_DIRMGR_PASSWORD Directory Manager Password		The directory manager Password chosen during the installation of the Sun Java System Directory Server.
SRA_DEPLOY_ADMIN_PASSWORD Deploy Administrator Password		This is the web-container's Administrator Password.
SRA_LOG_USER_PASSWORD Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.

The sample silent file looks like the following:

```
###############################################################################
# Install/Config components (Use comma (,) to separate entries ):
#
#       1. PortalServer
#       2. Secure Remote Access Core
#       3. Gateway
#       4. NetletProxy
#       5. RewriterProxy
###############################################################################
COMPONENTS=1,2,3,4,5
BASEDIR=/opt/sun
###############################################################################
# Portal Server keys
###############################################################################
########### PS_CONFIGURATION_MODE possible values####################
# configure - Configure the Portal Server Components.
###############################################################################
PS_CONFIGURATION_MODE=configure
#################### PS_DEPLOY_TYPE possible values#########################
# IWS = WebServer
# SUNONE8 = AppServer8.1
###############################################################################
PS_DEPLOY_TYPE=SUNONE8
#################### PS_DEPLOY_DIR possible values#########################
# /opt/sun/webserver=WebServer
# /opt/sun/appserver = AppServer 8.1
###############################################################################
PS_DEPLOY_DIR=/opt/sun/appserver
#################### PS_DEPLOY_DOMAIN possible values#######################
# null = WebServer
###############################################################################
PS_DEPLOY_DOMAIN=domain1
#################### PS_DEPLOY_INSTANCE_DIR possible values####################
# /var/opt/sun/appserver/domains/domain1 = AppServer8.1
# null - for other containers.
###############################################################################
PS_DEPLOY_INSTANCE_DIR=/var/opt/sun/appserver/domains/domain1
#################### PS_DEPLOY_INSTANCE possible values#####################
# myportalbox.mydomain.com = WebServer
# server1 = AppServer 7.0
# server = AppServer 8.1
###############################################################################
PS_DEPLOY_INSTANCE=server
#################### PS_DEPLOY_DOCROOT possible values#####################
# /opt/SUNWwbsvr/docs = WebServer
```

```
# /var/opt/sun/appserver/domains/domain1/docroot = AppServer 8.1
##############################################################################
PS_DEPLOY_DOCROOT=/var/opt/sun/appserver/domains/domain1/docroot
PS_DEPLOY_ADMIN=admin
PS_DEPLOY_ADMIN_PROTOCOL=https
PS_DEPLOY_ADMIN_HOST=myportalbox.mydomain.com
PS_DEPLOY_ADMIN_PORT=4849
##############################################################################
# SRACore keys
##############################################################################
SRA_GW_PROTOCOL=http
SRA_GW_PORT=443
SRA_GATEWAY_PROFILE=default
SRA_SERVER_DOMAIN=mydomain.com
SRA_GW_DOMAIN=mydomain.com
SRA_IDSAME_ADMIN_PASSWORD=admin123
SRA_IDSAME_LDAPUSER_PASSWORD=test1234
SRA_DS_DIRMGR_DN=cn=Directory Manager
SRA_DS_DIRMGR_PASSWORD=admin123
SRA_DEPLOY_ADMIN_PASSWORD=admin123
SRA_LOG_USER_PASSWORD=admin123
##############################################################################
# Gateway keys
##############################################################################
GW_PROTOCOL=https
GW_HOST=mygwbox.mydomain.com
GW_PORT=443
GW_IP=129.158.227.209
GW_GATEWAY_PROFILE=default
GW_LOAD_BALANCER_URL=http://mygwbox.mydomain.com:80/portal
GW_CERT_INFO="CN=$GW_HOST,L=Santa
Clara,ST=California,C=us,O=Portal,OU=Sun"
GW_SRA_LOG_USER_PASSWORD=admin123
GW_CERT_DB_PASSWORD=admin123
##############################################################################
```

Gateway Configuration Checklist

The table below is a three column table for the Gateway Installation Checklist.

Table 6   Gateway Configuration Checklist

Parameter	Default Value	Description
GW_PROTOCOL	https	The protocol used by the gateway. The gateway will usually communicate using Secure Sockets Layer (SSL).

Table 6   Gateway Configuration Checklist

Parameter	Default Value	Description
GW_HOST	mygwbox.mydomain.com	The host name of the machine on which the gateway is installed.
GW_PORT	443	The port on which the gateway machine listens.
GW_IP	gw-host-ip-address	The IP Address should be that of the machine where Gateway is installed and not that of the Sun Java System Identity Server.
GW_GATEWAY_PROFILE Gateway Profile Name	default	A gateway profile contains all the information related to gateway configuration, such as the port on which gateway listens, SSL options, and proxy options. You can create multiple profiles in the gateway administration console and associate different instances of gateway with different profiles. See "Creating a Gateway Profile" in the *Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide*.
GW_LOAD_BALANCER_URL Load balancer controlling Portal Server Instances.		If you are not using any Load Balancer URL then use the Portal Server URL. `http://`*fully-qualified-domain*`:`*port*`/portal-deploy_uri* for example: `http://myportalbox.mydomain.com:80/portal`
GW_CERT_INFO		The Certificate Information should be provided in the following format: "CN=$GW_HOST, L=*The name of your city or locality*, ST=*The name of your state*, C=*The two letter country code for your country*, O=*The name of your organization*, OU=*The name of your division*" For example, "CN=$GW_HOST,L=SantaClara,ST=California,C=us,O=Portal,OU=Sun"
GW_SRA_LOG_USER_PASSWORD Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.
GW_CERT_DB_PASSWORD Certificate Database Password		This can be any password you choose.

Table 6 Gateway Configuration Checklist

Parameter	Default Value	Description
Certificate Information		
Organization (O)	MyOrganization	The name of your organization.
Division (OU)	MyDivision	The name of your division.
City or Locality (L)	MyCity	The name of your city or locality
State or Province (ST)	MyState	The name of your state
Two-Letter Country Code (C)	us	The two letter country code for your country.
Certificate Database Password		This can be any password you choose.
Retype Password		Retype the password to verify.

Netlet Proxy Configuration Checklist

The table below is a three column table for the Netlet Proxy Installation Checklist. The first column lists the parameters. The second column lists the default value. The third column lists a description for the parameter.

Table 7 Netlet Proxy Configuration Checklist

Parameter	Default Value	Description
NLP_PROTOCOL	https	The protocol used by the Netlet Proxy. The Netlet Proxy will usually communicate using Secure Sockets Layer (SSL).
NLP_HOST	myportalbox.mydomain.com	The host name of the machine on which Netlet Proxy is installed.
NLP_PORT	10555	The port on which the Netlet Proxy listens.
NLP_IP	host-ip-address	The IP address should be that of the machine where Netlet Proxy is installed and not that of Sun Java System Identity Server.
NLP_GATEWAY_PROFILE Gateway Profile Name	default	Specify the same profile name specified when you installed Portal Server or Secure Remote Access support. See "Creating a Gateway Profile" in the Sun java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide for more information.

Table 7   Netlet Proxy Configuration Checklist *(Continued)*

Parameter	Default Value	Description
NLP_LOAD_BALANCER_URL Load balancer controlling Portal Server Instances.		If you are not using any Load Balancer URL then use the Portal Server URL. http://*fully-qualified-domain:port/portal-deploy-uri*
		For example `http://myportalbox.mydomain.com:80/portal`
NLP_CERT_INFO		The Certificate Information should be mentioned in the following format "CN=$GW_HOST, L=<The name of your city or locality>,ST=<The name of your state>,C=<The two letter country code for your country>,O=<The name of your organization>,OU=<The name of your division>"
		For example, "CN=$GW_HOST,L=SantaClara,ST=California,C=us,O=Portal,OU=Sun"
NLP_SRA_LOG_USER_PASS WORD Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.

Rewriter Proxy Configuration Checklist

The table below is a three column table for the Rewriter Proxy Installation Checklist. The first column lists the parameters. The second column lists the default value. The third column lists a description for the parameter.

Table 8   Rewriter Proxy Checklist

Parameter	Default Value	Description
RWP_PROTOCOL	https	The protocol used by the Rewriter Proxy. The Rewriter Proxy will usually communicate using Secure Sockets Layer (SSL).
RWP_HOST	myportalbox.mydomain.com	The host name of the machine on which Rewriter Proxy is installed.
RWP_PORT	10443	The port on which the Rewriter Proxy listens.
RWP_IP	host-ip-address	The IP address should be that of the machine where Rewriter Proxy is installed and not that of Sun Java System Identity Server.

Table 8 Rewriter Proxy Checklist *(Continued)*

Parameter	Default Value	Description
RWP_GATEWAY_PROFILE Gateway Profile Name	default	Specify the same profile name specified when you installed Portal Server or Secure Remote Access support. See "Creating a Gateway Profile" in the Sun java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide for more information.
RWP_LOAD_BALANCER_URL Load balancer controlling Portal Server Instances.		If you are not using any Load Balancer URL then use the Portal Server URL. `http://`*fully-qualified-domain*`:`*port*`/`*portal-deploy-uri* for example `http://myportalbox.mydomain.com:80/portal`
RWP_CERT_INFO		The Certificate Information should be provided in the following format "CN=$GW_HOST,L=<The name of your city or locality>,ST=<The name of your state>,C=<The two letter country code for your country>,O=<The name of your organization>,OU=<The name of your division>"
		For example "CN=$GW_HOST,L=SantaClara,ST=California,C=us,O=Portal,OU=Sun"
RWP_SRA_LOG_USER_PASS WORD Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.

Configuring Portal Server in Interactive Mode

1. As root in a terminal window, go to the directory that contains the `psconfig` script:

   `cd PortalServer-base/portal_svr/lib`

2. To configure Portal Server in interactive mode, execute the `psconfig` script by typing `./psconfig` and then enter appropriate answers for the configuration questions.

Portal Server

The table below is a three column table that lists all the values that you might need for a post-minimal install configuration. Depending on the type of installation you perform, the values that you use might vary.

Table 9   Portal Server Configuration Checklist

Question	Default Value	Description
COMPONENTS		
Select the component(s) for Installation or Uninstallation: 1. Portal Server 2. Secure Remote Access Core 3. Gateway 4. Netlet Proxy 5. Rewriter Proxy	1	• Set "1" to configure PortalServer. • Set "2" to configureSecure Remote Access Core. • Set "3" to configure Gateway. • Set "4" to configure NetletProxy. • Set "5" to configure RewriterProxy. To Configure multiple components, Use comma (,) to separate entries.
CONFIGURATION_MODE		
Choose one of the following configuration options: 1. configure 2. scrubds 3. unconfigurewithoutscrubds 4. unconfigurewithscrubds	configure	configure – Configure the Portal Server Components. scrubds – Remove the Portal Server Components entries from the Directory Server. unconfigurewithoutscrubds – Unconfigure the Portal Server Components without removing the entries from the Directory Server. unconfigurewithscrubds – Unconfigure the Portal Server and also remove the entries from the Directory Server.
Portal Server Configuration Information		
What is the Portal Server Web Containers host	myportalbox.mydomain.com	Fully Qualified Name of the Portal Server
Is the Portal Server Web Containers port secure	No	The Protocol to be used while accessing the Portal Server. Possible values are No: If the Protocol is http. Or Yes: If the Protocol is https
What is the Portal Server Web Containers port	80	Port number to be used for accessing the Portal Server.
What is the Portal Server deployment URI	/portal	The URI is the space on the web server or application server that the Portal Server uses. The value for the deployment URI must have a leading slash and must contain only one slash. However, the deployment URI can not be a "/" by itself.

Table 9   Portal Server Configuration Checklist

Question	Default Value	Description
Choose the container to which the portalserver needs to be configured: 1. Sun Java System Web Server 2. Sun Java System Application Server 8.1	1	The web container on which Portal Server is being deployed. Possible values are 1 = Sun Java System Web Server 2 = Sun Java System Application Server 8.1
Web Container Information Sun Java System Web Server		
Where is the Web Container installed	`/opt/sun/webserver`	Directory in which the Sun Java System Web Server is installed.
What is the Web Container instance	myportalbox.mydomain.com	The web server instance you want the Portal Server to use. Note: The instance name should not contain spaces.
Web Container Information Sun Java System Application Server 8.1		
Where is the Web Container installed	`/opt/sun/appserver`	Directory in which the Sun Java System Application Server 8.1 is installed
What is the Web Container domain	domain1	The Sun Java System Application Server domain contains a set of instances. The domain specified will contain the instance used by the Portal Server. This domain must already be configured.
What is the Web Container Deploy Instance Directory	`/var/opt/sun/appserver/domains/domain1`	The full path of the domain specified that will be configured for the Portal Server.
What is the Web Container Deploy Instance	server	The name of the Sun Java System Application Server instance to which the Portal Server will be deployed. This instance must already be configured. The instance name should not contain spaces.
What is the Web Container Document Directory	`/var/opt/sun/appserver/domains/domain1/docroot`	The Application Server Directory where static pages are kept.
Who is the Web Container administrator	admin	The administrator user ID.
What is the HostName of the Machine where Web Container is Installed	myportalbox.mydomain.com	The administration server hostname.

Table 9   Portal Server Configuration Checklist

Question	Default Value	Description
Is the Web Container administration port secure	Yes	The Protocol to be used while accessing the Portal Server. Possible values are No If the Protocol is http Or Yes If the Protocol is https.
What is the Web Container administration port	4849	The port number of the administration server. Note: The default Administrator Port for Sun Java System Application Sever 8.1 is "4849."
What is the Web Container administrator password		This is the web-container's Administrator Password.
Secure Remote Access Core Configuration Information (for configuring Secure Remote Access Support)		
What is the Gateway protocol Gateway Protocol	https	The Protocol used by the gateway. The gateway will communicate using Secure Sockets Layer (SSL).
What is the Portal Server domain Portal Server Domain	portal-server-domain-name	The domain name for the machine on which the Portal Server is installed.
What is the Gateway domain Gateway Domain	gateway-domain-name	The domain name of the gateway machine.
What is the Gateway port Gateway Port	443	The port on which the gateway listens.
What is the Gateway profile Gateway Profile Name	default	A gateway profile contains all the information related to gateway configuration, such as the port on which gateway listens, SSL options, and proxy options. You can create multiple profiles in the gateway administration console and associate different instances of gateway with different profiles. See "Creating a Gateway Profile" in the Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide.
What is the Gateway logging user password Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.
Again		Re-enter the Gateway Logging User Password.

Gateway

The table below is a three column table that contains the checklist for gateway configuration. Column one lists the parameter. Column two contains the default value for the parameter. Column three lists the description.

Table 10 Gateway Configuration Checklist

Parameter	Default Value	Description
What is the Gateway protocol	https	The protocol used by the gateway. The gateway will usually communicate using Secure Sockets Layer (SSL).
What is the Gateway host	mygwbox.mydomain.com	The host name of the machine on which the gateway is installed.
What is the Gateway port	443	The port on which the gateway machine listens.
What is the Gateway IP Address	*gw-host-ip-address*	The IP Address should be that of the machine where Gateway is installed and not that of the Sun Java System Identity Server.
What is the Gateway profile Gateway Profile Name	default	A gateway profile contains all the information related to gateway configuration, such as the port on which gateway listens, SSL options, and proxy options.
		You can create multiple profiles in the gateway administration console and associate different instances of gateway with different profiles.
		See "Creating a Gateway Profile" in the *Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide*.
What is the Gateway logging user password Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.
Again		Re-enter the Gateway Logging User Password.
What is the Portal Server Load Balancer URL Load balancer controlling Portal Server Instances.		If you are not using any Load Balancer URL then use the Portal Server URL. http://*fully-qualified-domain*:*port*/*portal-deploy-uri*
		For example, `http://myportalbox.mydomain.com:80/portal`
Certificate Information		
What is the name of your organization	MyOrganization	The name of your organization.

Table 10   Gateway Configuration Checklist

Parameter	Default Value	Description
What is the name of your division	MyDivision	The name of your division.
What is the name of your city or locality	MyCity	The name of your city or locality
What is the name of your state or province	MyState	The name of your state
What is the two-letter country code	us	The two letter country code for your country.
What is the password for the Certificate Database		This can be any password you choose.
Again		Retype the Certificate Database password to verify.

Netlet Proxy

The table below is a three column table for the Netlet Proxy configuration checklist. Column one lists the parameter. Column two lists the default value. Column three contains the description.

Table 11   Netlet Proxy Configuration Checklist

Parameter	Default Value	Description
What is the Netlet Proxy protocol	https	The protocol used by the Netlet Proxy. The Netlet Proxy will usually communicate using Secure Sockets Layer (SSL).
What is the Netlet Proxy host	myportalbox.mydomain.com	The host name of the machine on which Netlet Proxy is installed.
What is the Netlet Proxy port	10555	The port on which the Netlet Proxy listens.
What is the Netlet Proxy IP Address	*host-ip-address*	The IP address should be that of the machine where Netlet Proxy is installed and not that of Sun Java System Identity Server.
What is the Gateway profile Gateway Profile Name	default	Specify the same profile name specified when you installed Portal Server or Secure Remote Access support.
		See "Creating a Gateway Profile" in the *Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide* for more information.

Table 11 Netlet Proxy Configuration Checklist

Parameter	Default Value	Description
What is the Gateway logging user password		This allows administrators with non-root access to look at gateway log files.
Gateway Logging User Password		
Again		Re-enter the Gateway Logging User Password.
What is the Portal Server Load Balancer URL		If you are not using any Load Balancer URL then use the Portal Server URL. ht-tp://*fully_qualified_domain*:*port*/*portal_deploy_uri*
Load balancer controlling Portal Server Instances.		For example `http://myportalbox.mydomain.com:80/portal`
Certificate Information		
What is the name of your organization	MyOrganization	The name of your organization.
What is the name of your division	MyDivision	The name of your division.
What is the name of your city or locality	MyCity	The name of your city or locality
What is the name of your state or province	MyState	The name of your state
What is the two-letter country code	us	The two letter country code for your country.
What is the password for the Certificate Database		This can be any password you choose.
Again		Retype the Certificate Database password to verify.

Rewriter Proxy

The table below is a three column table that contains the Rewriter Proxy configuration checklist. Column one lists the parameter. Column two lists the default value. Column three contains the description.

Table 12 Rewriter Proxy Configuration Checklist

Parameter	Default Value	Description
What is the Rewriter Proxy protocol	https	The protocol used by the Rewriter Proxy. The Rewriter Proxy will usually communicate using Secure Sockets Layer (SSL).

Table 12   Rewriter Proxy Configuration Checklist

Parameter	Default Value	Description
What is the Rewriter Proxy host	myportalbox.mydomain.com	The host name of the machine on which Rewriter Proxy is installed.
What is the Rewriter Proxy port	10443	The port on which the Rewriter Proxy listens.
What is the Rewriter Proxy IP Address	*host-ip-address*	The IP address should be that of the machine where Rewriter Proxy is installed and not that of Sun Java System Identity Server.
What is the Gateway profile Gateway Profile Name	default	Specify the same profile name specified when you installed Portal Server or Secure Remote Access support. See "Creating a Gateway Profile" in the *Sun java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide* for more information.
What is the Gateway logging user password Gateway Logging User Password		This allows administrators with non-root access to look at gateway log files.
Again		Re-enter the Gateway Logging User Password.
What is the Portal Server Load Balancer URL Load balancer controlling Portal Server Instances.		If you are not using any Load Balancer URL then use the Portal Server URL. http://*fully-qualified-domain*:*port/portal-deploy-uri* For Example, `http://myportalbox.mydomain.com:80/portal`
Certificate Information		
What is the name of your organization	MyOrganization	The name of your organization.
What is the name of your division	MyDivision	The name of your division.
What is the name of your city or locality	MyCity	The name of your city or locality
What is the name of your state or province	MyState	The name of your state
What is the two-letter country code	us	The two letter country code for your country.
What is the password for the Certificate Database		This can be any password you choose.

Table 12 Rewriter Proxy Configuration Checklist

Parameter	Default Value	Description
Again		Retype the Certificate Database password to verify.

For information on post-installation tasks see Portal Server Post-Installation Tasks.

Configuring Portal Server in Silent Mode

To configure the Portal Server using the samplesilent file, modify the pssamplesilent file located at *PortalServer-base*/lib and execute the psconfig script.

1. As root in a terminal window, go to the directory that contains the psconfig script:

   cd *PortalServer-base*/portal_svr/lib

2. Type:

   ./psconfig -s *pssamplesilentfile*

For information on post-installation tasks see Portal Server Post-Installation Tasks.

Portal Server Post-Installation Tasks

Post-installation tasks need to be performed for each of the following components:

- Portal Server
- Secure Remote Access
- Gateway
- Netlet and Rewriter Proxy

Portal Server

To access the Portal Server or the Identity Server administration console the directory server and the web container must first be started.

Use the following command to start a local installation of the directory server:

/var/opt/mps/serverroot/slapd-hostname/start-slapd

The following post-installation tasks depend on the type of web container on which you deployed the Portal Server.

- Sun Java System Web Server
- Sun Java System Application Server

Sun Java System Web Server

To start the Sun Java System Web Server:

1. Start the admin instance. In a terminal window type:

   `cd` *WebServer-base*/`https-`*instance-name*

   `./start`

or

1. Access the Sun Java System Web Server administration console.

2. Click Apply Changes to restart the web container.

Sun Java System Application Server 8.1

To configure the Application Server Instance, do the following:

1. Stop the domain instance. In a terminal window, type:

   `/opt/sun/appserver/bin/asadmin stop-domain` *domainname*

   For example

   `/opt/sun/appserver/bin/asadmin stop-domain domain1`

2. Start the domain instance. In a terminal window, type:

   `/opt/sun/appserver/bin/asadmin start-domain --user` *administrator-user-name*
   `--passwordfile /opt/sun/appserver/bin/admin.password domainname`

   Content of `/opt/sun/appserver/bin/admin.password` should be
   `AS_ADMIN_PASSWORD=<admin password>`

   For example,

   `/opt/sun/appserver/bin/asadmin start-domain --user admin --passwordfile`
   `/opt/sun/appserver/bin/admin.password domainname`

Installing JSR168 Sample Portlets and WSRP Samples on Third-Party Web Containers

After Portal Server and Access Manager SDK have been installed using Java Enterprise Server installer, use one of the following procedures to install JSR168 sample portlets or WSRP samples. If you use Sun Java System Web Server or Sun Java System Application Server, install the WSRP samples.

To Install WSRP Samples On Web Server or Application Server

The following manual steps are needed after the Portal Server and Access Manager SDK have been installed on Sun Java System Web Server 6.1 and Sun Java Server Application Server 7:

1. Restart the Web Server or Application Server instance

2. Make sure that the PATH setting includes `/usr/bin`. This is needed for awk part of script to run correctly.

3. Execute the following commands to configure the WSRP samples.

    ○   *PortalServer-base*`/samples/wsrpproducer/producersampleconfig`

        Provide the Access Manager admin password when prompted.

    ○   *PortalServer-base*`/samples/wsrpconsumer/consumersampleconfig`

        Provide the Access Manager admin password when prompted.

Secure Remote Access

When using the Portal Server with the gateway, the gateway Certificate Authority (CA) certificate must be added to the Portal Server trusted CA list, regardless of whether the Portal Server is running in HTTP or HTTPs mode.

When a user session time out or user session logout action happens, the Sun Java System Identity Server sends a session notification to the gateway. Even when the Sun Java System Identity Server is running in HTTP mode, it will act as an SSL client using HttpsURLConnection to send the notification. Since it is connecting to an SSL server (the gateway), it should have the gateway CA certificate as part of the Trusted CA list or it should have an option to allow self signed certificate.

NOTE	The method for adding the CA to the trusted CA list depends on the protocol handler defined.

To create HttpsURLConnection, the Java Virtual Machine (JVM™) property `-Djava.protocol.handler.pkgs` needs to be set.

If Portal Server is running on the Sun Java System Web Server, Sun Java System Application Server, or BEA WebLogic Server, this property is correctly set to com.iplanet.services.com by default. The Sun Java System Identity Server package has the implementation of HttpsURLConnection and it provides an option to accept self-signed certificates from any SSL server by adding the flag com.iplanet.am.jssproxy.trustAllServerCerts=true in the `AMConfig.properties` file.

The -Djava.protocol.handler.pkgs is not set by default for the IBM WebSphere Application Server. The HttpsURLConnection implementation for supported application servers must use their own default handler (this could be JSSE or custom SSL implementation).

Configuring Multiple Gateways on Multiple Portals

When installing a second gateway on a second portal, you must manually update the Forward Cookie URLs value to point to the second Portal.

1. Log in to the Access Manager Administration Console.

2. Select the Service Configuration tab.

3. Click Gateway.

4. Add the second Portal to the Forward Cookie URLs list.

Starting and Stopping the Gateway

1. Start the gateway using the following command:

    ```
    /opt/sun/portal_svr/bin/gateway -n new-profile-name start
    ```

    default is the default name of the gateway profile that is created during installation. You can create your own profiles later, and restart the gateway with the new profile. See "Creating a Gateway Profile" in Chapter 2 of the *Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administration* Guide.

If you have multiple gateway instances, use:

gateway-base/portal_svr/bin/gateway start

NOTE	This step is not required if you selected the *Start Gateway after installation* option dur-ing the gateway installation.

NOTE	Ensure that only the configuration files for the instances that you want to start are in the /etc/opt/sun/portal_svr.

If you want to stop all the gateway instances that are running on that particular node, use the following command:

gateway-base/portal_svr/bin/gateway stop

Netlet and Rewriter Proxy

Before starting the Netlet Proxy and the Rewriter Proxy, ensure that the gateway profile is updated with the Netlet Proxy and the Rewriter Proxy options.

*   If you did not choose the option to start the Netlet Proxy during installation, you can start the Netlet Proxy manually. In the directory, *portal-proxy-base*/portal_svr/bin, type:

    ```
    ./netletd -n default start
    ```

*   If you did not choose the option to start the Rewriter Proxy manually during installation, you can start it manually. In the directory *portal-proxy-base*/portal_svr/bin, type:

```
./rwproxyd -n default start
```

NOTE	Ensure that you enable the Access List service for all users, to allow access through the gateway.

Verifying the Portal Server Installation

Access the Portal Server Administration Console and Desktop

To Access the Sun Java System Identity Server Administration Console

1. Open a browser.

2. Type `protocol://hostname.domain:port/amconsole`

   For example,

   `http://example.com:80/amconsole`

3. Enter the administrator's name and password to view the administration console.

   This is the name and password you specified at the time of installing the Sun Java System Identity Server software.

To Access the Portal Server Desktop

Verify the Portal Server installation by accessing the Desktop. Use the following URL to access the Desktop: `protocol://fully-qualified-hostname:port/portal-URI`

For example,

`http://example.com:80/portal`

When you access the Desktop, the Authless Desktop is displayed. This allows users accessing the Desktop URL to be authenticated automatically and granted access to the Desktop.

If the sample Portal Desktop displays without any exception, then your Portal Server installation is good.

Verifying the Gateway Installation

1. Run the following command to check if the gateway is running on the specified port (the default port is 443):

   ```
   netstat -an | grep port-number
   ```

   If the gateway is not running, start the gateway in the debug mode, and view messages that are printed on the console. Use the following command to start the gateway in debug mode:

   PortalServer-base/`portal_svr/bin/gateway -n` *profilename* `start debug`

Also view the log files after setting the gateway.debug attribute in the platform.conf.profilename file to message. See the section Understanding the `platform.conf` File in Chapter 2, "Administering Gateway" in the *Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administration Guide*, for details.

2. Run the Portal Server in secure mode by typing the gateway URL in your browser:

   `https://`*gateway-machine-name*`:`*portnumber*

   If you have chosen the default port (443) during installation, you need not specify the port number.

3. Login to the Identity Server administration console as administrator using the user name amadmin, and using the password specified during installation.

You can now create new organizations, roles, and users and assign required services and attributes in the administration console.

Known Issues and Limitations

This section describes the known issues and limitations of Sun Java System Portal Server 6 2005Q1 for HP-UX. For a list of the known issues and limitations in this component, refer to the following Release Notes:

> http://docs.sun.com/app/docs/doc/817-7699

The following topics are the known issues:

PSSRA

Reverse proxy has been not tested (6298197).

Reverse proxy has been not tested in Java Enterprise System 3 installer release for RR.

Workaround

None.

Proxylet does not get downloaded, throws exception (6297851).

Proxylet does not get downloaded, throws exception.

Workaround

None.

Gateway not tested with two different subnets (6299952).

Gateway not tested with two different subnets in Java Enterprise System 3 installer release for RR.

Workaround

None.

Redistributable Files

Sun Java System Portal Server 6 2005Q1 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

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

- The telephone dispatch number associated with your maintenance contract

So that we can best 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 your problems seem to be associated with a client, please 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/sun/identity/debug/render.debug` file or the `/var/opt/sun/identity/debug/MAPFilterConfig` file for Solaris platform. For HP-UX platform `/var/opt/sun/identity/debug/MAPFilterConfig`. For Windows platform `[INSTALLDIR]/AccessManager/debug`.

- What exceptions are reported in the taglibs log file `/var/opt/sun/identity/debug/mapJsp`

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions.

To share your comments, go to `http://docs.sun.com` and click Send Comments. In the online form, provide the document title and part number. The part number is a seven-digit or nine-digit number that can be found on the title page of the guide or at the top of the document.

Additional Sun Resources

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

- Sun Java System Documentation
  http://docs.sun.com/app/docs/prod/entsys.05q1#hic

- Sun Java System Professional Services
  http://www.sun.com/service/sunps/sunone

- Sun Java System Software Products and Service
  http://www.sun.com/software

- Sun Java System Software Support Services
  http://www.sun.com/service/sunone/software

- Sun Java System Support and Knowledge Base
  http://www.sun.com/service/support/software

- Sun Java System Software Support Services
  http://www.sun.com/support/

- Sun Java System Consulting and Professional Services
  http://www.sun.com/service/sunps/sunone

- Sun Java System Developer Information
  http://sunonedev.sun.com

- Sun Developer Support Services
  http://www.sun.com/developers/support

- Sun Java System Software Training
  http://www.sun.com/software/training

- Sun Software Data Sheets
  http://wwws.sun.com/software