

Sun Java™ System Portal Server Release Notes for Microsoft Windows

Version 6 2005Q1

Part Number 819-1586-10

These Release Notes contain important information available at the time of release of Sun Java™ System Portal Server 6 2005Q1 for Windows. 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/app/docs/coll/PortalServer_05q1. 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](#)
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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
February, 2005	Initial release of Sun Java™ System Portal Server 6 2005Q1 Release Notes for Microsoft Windows.
July, 2005	Release of RR version of Sun Java™ System Portal Server 6 2005Q1 Release Notes for Microsoft Windows.

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 contains the following:

- [What's New in Portal Server 6 2005Q1](#)
- [Hardware and Software Requirements](#)
- [Post Installation Configuration](#)

What's New in Portal Server 6 2005Q1

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:

- 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.

Table 2 Windows Hardware and Software Requirements

Component	Platform Requirement
Supported Platforms	Windows 2000
Operating System	Windows 2000 Advanced Server, Service Pack 4
RAM	1 Gbytes
Disk space	1 Gbytes

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

Post Installation Configuration

This section is organized as follows:

- [The psconfig batch file](#)
- [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 batch file

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. In the command prompt, go to the directory that contains the psconfig batch:
`cd PortalServer-base/config`
2. Configuration can be performed in either the interactive mode or using a silent mode.
 - To configure in the interactive mode, execute the psconfig batch file 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 batch file by typing psconfig -s
See [“Configuring Portal Server in Silent Mode.”](#)

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 Web server
 - Sun Java Application Server 8.1
- Portal Server Information
- Identity Server Information
- Secure Remote Access Information
 - Gateway
 - Netlet Proxy
 - Rewriter Proxy

Portal Server And Secure Remote Access Configuration Checklist

[Table 3](#) 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	<p>The Portal Server 2005Q1 default base installation and product directory depends on your specific platform:</p> <p>C:\Sun\PortalServer</p> <p>For example, if the install directory is C:\Sun (the default) the Portal Server is installed in C:\Sun\PortalServer.</p>
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NOTE	If a parameter is not applicable to a container, it is not included in the table.
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Table 3 Portal Server Configuration Checklist

Parameter	Default Value	Description
BASEDIR		
BASEDIR		This is the base directory in which the Portal Server software is installed using Java Enterprise System Installer.
The directory where Sun Java System Portal Server configurator components are installed		The base directory depends on the platform you are using. For example, if the install directory is C:/Sun (the default) the Portal Server is installed in: C:\Sun\PortalServer
PS_CONFIGURATION_MODE	configure	Possible values are: 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.
Deployment Information		
PS_DEPLOY_TYPE	SUNONE8	Possible values are: IWS = Sun Java System Web Server SUNONE8 = Sun Java System Application Server 8.1
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		
Web Container Information		
Sun Java System Web Server		

Table 3 Portal Server Configuration Checklist (*Continued*)

Parameter	Default Value	Description
PS_DEPLOY_DIR	C:\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	C:\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		The JDK Dir that is being used by the web container.
Web Container Information		
Sun Java System Application Server 8.1		
PS_DEPLOY_DIR	C:\Sun\ApplicationServer	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	C:\Sun\ApplicationServer\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	C:\Sun\ApplicationServer\domains\domain1\docroot	The Application Server Directory where static pages are kept.
PS_DEPLOY_ADMIN	admin	The administrator user ID.

Table 3 Portal Server Configuration Checklist (*Continued*)

Parameter	Default Value	Description
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		The JDK Directory that is being used by the web container.
Portal Server Information		
PS_DEPLOY_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.
PS_LOAD_BALANCER_URL Load balancer controlling Portal Server Instances	http://myportalbox.mydomain.com:80/portal	If you are not using any Load Balancer URL then use the Portal Server URL. <i>http://fully-qualified-domain:port/portal-deploy_uri</i> For example http://myportalbox.mydomain.com:80/portal
PS_PROTOCOL	http	The Protocol to be used while accessing the Portal Server. Possible values are http and https.
PS_HOST		Fully Qualified Name of the Portal Server
PS_PORT		Port number to be used for accessing the Portal Server.
Identity Server Information		
PS_IDSAME_ADMIN_PASSWORD Administrator (amadmin) Password		The top level administrator (amadmin) password chosen during the Sun Java System Identity Server software installation.
PS_IDSAME_LDAPUSER_PASSWORD Internal LDAP Authentication User Password		The Internal LDAP Authentication User Password chosen during the Sun Java System Identity Server installation.

Table 3 Portal Server Configuration Checklist (*Continued*)

Parameter	Default Value	Description
PS_DS_DIRMGR_DN Directory Manager DN	cn=Directory Manager	The directory manager DN chosen during the installation of the Sun Java System Directory Server.
PS_DS_DIRMGR_PASSWORD Directory Manager Password		The directory manager Password chosen during the installation of the Sun Java System Directory Server.
PS_DEPLOY_ADMIN_PASSWORD Deploy Administrator Password		This is the web-container's Administrator Password.
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.
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	<i>portal-server-domain-name</i>	The domain name for the machine on which the Portal Server is installed.
SRA_GW_DOMAIN Gateway Domain	<i>gateway-domain-name</i>	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_PASSW ORD Internal LDAP Authentication User Password		The Internal LDAP Authentication User Password chosen during the Sun Java System Identity Server installation.

Table 3 Portal Server Configuration Checklist (*Continued*)

Parameter	Default Value	Description
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.

Gateway Configuration Checklist

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

Table 4 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).
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 <i>Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide</i> .

Table 4 Gateway Configuration Checklist

Parameter	Default Value	Description
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= <i>The name of your city or locality</i> , ST= <i>The name of your state</i> , C= <i>The two letter country code for your country</i> , O= <i>The name of your organization</i> , OU= <i>The name of your division</i> " 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.
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 following table 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 5 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.
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. <i>http://fully-qualified-domain:port/portal-deploy-uri</i> For example <i>http://myportalbox.mydomain.com:80/portal</i>
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 following table 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 6 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.
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. <i>http://fully-qualified-domain:port/portal-deploy-uri</i> for example <i>http://myportalbox.mydomain.com:80/portal</i>
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 batch file:

```
cd PortalServer-base/config
```
2. To configure Portal Server in interactive mode, execute the psconfig batch file by typing `psconfig-c <component name>` and then enter appropriate answers for the configuration questions.

Portal Server

The following table 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 7 Portal Server Configuration Checklist

Question	Default Value	Description
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.
Choose the container to which the portal server needs to be configured:	1	The web container on which Portal Server is being deployed. Possible values are
1. Sun Java System Web Server		1 = Sun Java System Web Server
2. Sun Java System Application Server 8.1		2 = Sun Java System Application Server 8.1
Web Container Information		
Sun Java System Web Server		
Where is the Web Container installed	C:\Sun\Application Server	Directory in which the Sun Java System Web Server is installed.

Table 7 Portal Server Configuration Checklist

Question	Default Value	Description
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	C:\Sun\Application Server	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 Dir	C:\Sun\Application Server\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	C:\Sun\Application Server\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.
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.
Identity Server Information		

Table 7 Portal Server Configuration Checklist

Question	Default Value	Description
What is the Access Manager Administrator (amadmin) Password		The top level administrator (amadmin) password chosen during the Sun Java System Identity Server software installation.
Administrator (amadmin) Password		
Again		Re-enter the top level administrator (amadmin) password.
What is the Access Manager Internal LDAP Authentication User Password		The Internal LDAP Authentication User Password chosen during the Sun Java System Identity Server installation.
Internal LDAP Authentication User Password		
Again		Re-enter the Internal LDAP Authentication User Password.
What is the Directory Manager DN	cn=Directory Manager	The directory manager DN chosen during the installation of the Sun Java System Directory Server.
Directory Manager DN		
What is the Directory Manager Password		The Directory Manager Password chosen during the installation of the Sun Java System Directory Server.
Directory Manager Password		
Again		Re-enter the Directory Manager Password.
PS_DEPLOY_ADMIN_PASSWORD		This is the web-container's Administrator Password.
Deploy AdministratorPassword		
Secure Remote Access Core Configuration Information (for configuring Secure Remote Access Support)		
What is the Gateway protocol	https	The Protocol used by the gateway. The gateway will communicate using Secure Sockets Layer (SSL).
Gateway Protocol		
What is the Portal Server domain	portal-server-domain-name	The domain name for the machine on which the Portal Server is installed.
Portal Server Domain		
What is the Gateway domain	gateway-domain-name	The domain name of the gateway machine.
Gateway Domain		
What is the Gateway port	443	The port on which the gateway listens.
Gateway Port		

Table 7 Portal Server Configuration Checklist

Question	Default Value	Description
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 following table 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 8 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	<i>gw-host-ip-address</i>	The IP Address should be that of the machine where Gateway is installed and not that of the Sun Java System Identity Server.

Table 8 Gateway Configuration Checklist

Parameter	Default Value	Description
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 <i>Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide</i> .
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. <code>http://fully-qualified-domain:port/portal-deploy-uri</code>
Load balancer controlling Portal Server Instances.		For example, <code>http://myportalbox.mydomain.com:80/portal</code>
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.

Netlet Proxy

The following table 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 9 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	<i>host-ip-address</i>	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 <i>Sun Java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide</i> 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. <i>http://fully_qualified_domain:port/portal_deploy_uri</i> For example <i>http://myportalbox.mydomain.com:80/portal</i>
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

Table 9 Netlet Proxy Configuration Checklist

Parameter	Default Value	Description
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 following table 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 10 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).
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	<i>host-ip-address</i>	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 <i>Sun java System Portal Server, Secure Remote Access 6 2005Q1 Administrator's Guide</i> for more information.
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.

Table 10 Rewriter Proxy Configuration Checklist

Parameter	Default Value	Description
What is the Portal Server Load Balancer URL		If you are not using any Load Balancer URL then use the Portal Server URL.
Load balancer controlling Portal Server Instances.		<i>http://fully-qualified-domain:port/portal-deploy-uri</i> For Example, <i>http://myportalbox.mydomain.com:80/portal</i>
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.

For information on post-installation tasks see [“Portal Server Post-Installation Tasks” on page 22](#).

Configuring Portal Server in Silent Mode

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

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

```
cd PortalServer-base/config
```

2. Type:

```
psconfig -s -c <component name>
```

For information on post-installation tasks see [“Portal Server Post-Installation Tasks” on page 22](#)

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.

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 web instance in Windows Services:

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:

```
AppServer-base\bin\asadmin.bat stop-domain domainname
```

For example

```
C:\Sun\ApplicationServer\bin\asadmin.bat stop-domain domain1
```

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

```
AppServer-base\bin\asadmin.bat start-domain --user
administrator-user-name --password administartor-user-password domainname
```

For example,

```
C:\Sun\ApplicationServer\bin\asadmin.bat start-domain --user admin --password
password domain1
```

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:

```
Net Start SRA.Gateway.new-profile-name
```

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*.

NOTE This step is not required if you chose y for the Start Gateway after installation option during the gateway installation.

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:

```
net start SRA.Netlet.default
```

- If you did not choose the option to start the Rewriter Proxy manually during installation, you can start it manually:

```
net start SRA.rewriter.default
```

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

The Sun Java System Portal Server software NetFile needs jCIFS libraries (bundled as SUNWjcifs) for Windows access. This needs to be installed in Portal Server node only.

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):

```
net start
```

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:

```
net start debug
```

Also view the log files after setting the `gateway.debug` attribute in the `platform.conf` filename 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.

Bugs Fixed in This Release

None.

Important Information

This section contains the latest information that is not contained in the core product documentation.

This section covers the following topics:

- [Installation Notes](#)
- [Deprecated Features](#)
- [Documentation Updates for Portal Server 6 2005Q1](#)

Installation Notes

Portal Server

For Java Enterprise System 6 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 physical machine

- Access Manager previously installed and configured on a separate machine

To Run the Liberty Samples

The liberty samples are designed for a Portal Server and Access Manager installation on same system.

To run the Liberty samples on a Portal Server/Access Manager separated install, do the following:

1. Make sure the SP_HOST_DOMAIN value in `configSP.sh` points to the Access Manager full install host.
2. In the administration console of Access Manager that is acting as Service Provider, set the Provider Home Page to `URL=http://portal-server-host:port/portal/dt`

To set this value:

- a. Select the federation management tab.
- b. Select the service provider in navigation frame.
- c. Select provider in the drop-down in data frame.
- d. Scroll down to Access Manager Configuration section.
- e. Set the Provider Home Page to `URL=http://portal-server-host:port/portal/dt`.

For Liberty Sample 3 only, perform [Step 3](#) and [Step 4](#).

3. Change “Single Sign-On Failure Redirect URL” and set it to `http://portal-server-host:port/portal/dt?libertySSOFailed=true`

To set this value:

- a. Select the federation management tab.
- b. Select the service provider in navigation frame.
- c. Select provider in the drop-down in data frame.
- d. Scroll down to Access Manager Configuration section.
- e. Set the Single Sign-On Failure Redirect URL to `http://portal-server-host:port/portal/dt?libertySSOFailed=true`

4. Set the PreLogin URL to `http://portal-server-host:identity-server-port/amserver/preLogin?metaAlias=is-host&goto=http://portal-server-host:portal-server-port/portal/dt`

To set this value:

- a. Go to Identity Management, Select Users from the drop down Menu.

Secure Remote Access Administration Guide

The following items are not documented in the online help or *Sun Java System Portal Server 6 2005Q1 Secure Remote Access Administration Guide*, but are part of the Access Manager administration console.

- Gateway -> Core -> Gateway Minimum Authentication Level is not documented in the online help or the administration guide.
- The Proxylet rules (as shown on the Access Manager console) are not documented in the online help or the administration guide. For information on configuring Proxylet rules, see [“Proxylet Rules.”](#)

Proxylet Rules

A Proxylet rules field has been added to the Access Manager administration console.

The Proxylet rules specify the domain and proxy settings in the Proxy Auto Configuration (PAC) file.

To modify the Proxylet rules, do the following:

1. Log in to the Access Manager administration console as administrator.
2. Select the Identity Management tab.
3. Select Organizations from the View drop-down list.
4. Click the required organization name. The selected organization name is reflected as the location in the top left corner of the administration console.
5. Select Services from the View drop-down list.
6. Click the arrow next to Proxylet under SRA Configuration.
7. Click Edit.
8. Enter the proxy-host and proxy-port, using the following syntax:

```
[Protocol:]Domain1[,Domain2,...]:IP or Host:Port
```

where,

Protocol – can contain http/ftp/https. (This field is optional).

Domain – is any domain such as sun.com. Multiple domains are separated by a comma.

IP – is the IP address of the domain.

proxy-host – proxy server used for this domain(s)

proxy-port – proxy server port

9. Click Save.

The following special constructs allow dynamic insertions into the rule.

If a rule contains the string `proxylet-host:proxylet-port` as the proxy server, then the generated PAC file replaces the string with the host and port of Proxylet.

Online Help

The Search channel Help page states in the Advanced Search section:

- URL – The Uniform Resource Locator (web address) of the document. Keep in mind the following points when specifying URLs:
 - The `http://` portion of the address must be entered if you are using the *Is* or *Begins with* operators.

The *Is* and *Begins with* operators are no longer used.

Known Issues and Limitations

This section describes the known issues and limitations of Portal Server 6 2005Q1 for Windows. For a list of the known issues and limitations in the component, refer to the following Release Notes: <http://docs.sun.com/app/docs/doc/817-7699>.

This section consists the following:

- [Web Server](#)
- [Language Selection Drop Down List](#)

Web Server

After installing Portal Server in quick config mode, restart the Web Server (6232651)

After installing Portal Server in quick configure mode, the user needs to restart the Web Server.

Workaround

None.

Language Selection Drop Down List

Unable to select any other language other than “English (United States)” (6294881)

When you login to Portal Server and edit the tab "User Information", the drop down list of languages has only English (United States) option.

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/SUNWam/debug/render.debug` file or the `/var/opt/SUNWam/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\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:

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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 Support and Training Services
<http://training.sun.com>
- 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://www.sun.com/software>

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