

Sun Java™ System Instant Messaging Release Notes for HP-UX

Version 7 2005Q1

Part Number 819-1568-10

These Release Notes contain important information available at the time of release of Sun Java™ System Instant Messaging 7 2005Q1 for HP-UX. Known issues and limitations, and other information are addressed here. Read this document before you begin using Instant Messaging 7.

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 Instant Messaging 7 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 are referenced in this document and provide additional, related information.

NOTE Sun is not responsible for the availability of third-party web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other materials that are available on or through such sites or resources. Sun will not be responsible or liable for any actual or alleged damage or loss caused by or in connection with the use of or reliance on any such content, goods, or services that are available on or through such sites or resources.

Release Notes Revision History

Table 1 Revision History

Date	Description of Changes
February, 2005	Initial release of Sun Java System Instant Messaging 7 2005Q1 Release Notes for HP-UX.
July, 2005	Release of RR version of Sun Java System Instant Messaging Release 7 2005Q1 Notes for HP-UX.

About Instant Messaging 7 2005Q1

Sun Java System Instant Messaging delivers secure presence and extended real-time messaging, enabling communities of users to communicate and collaborate instantly and securely. It combines instant messaging capabilities with conferences, alerts, news, polling and file transfer to create a rich collaborative environment. It leverages an existing community, managed using LDAP, Sun Java™ System Identity Server or Sun Java™ System Portal Server.

This section includes:

- [What's New in This Release](#)
- [Hardware and Software Requirements](#)

What's New in This Release

The Instant Messaging 7 include the following topics:

- [Installation](#)
- [New Features](#)

Installation

The *Instant Messaging Installation Guide* has been discontinued. If you are installing Instant Messaging 7 2005Q1 for the first time, see the *Sun Java™ Enterprise System Installation Guide* for installation instructions. If you are upgrading from a previous release of Instant Messaging, see the *Sun Java™ Enterprise System Upgrade and Migration Guide* for instructions.

New Features

This section describes the following new features added to Instant Messaging in this release:

- [Updated and Improved Instant Messaging Client](#)
- [The IETF eXtensible Messaging and Presence Protocol \(XMPP\)](#)
- [Enhanced Monitoring Features](#)
- [Re-architected Calendar Server Integration Support](#)
- [Troubleshooting Diagnostics for the Client](#)
- [Multidomain functionality in News Channels and Conferences](#)
- [New User Registration](#)
- [Simplified Sun Java™ System Access Manager Schema](#)

Updated and Improved Instant Messaging Client

New icons, streamlined features, and new XMPP functions, like multiple Instant Messaging sessions, presence features, subscription authorization, roster management, and logging capabilities.

The IETF eXtensible Messaging and Presence Protocol (XMPP)

With XMPP, Instant Messaging interoperates with the public networks through open source gateways. A user can aggregate contacts for all services on a client that supports XMPP (for example, GAIM and Exodus). In addition, XMPP support facilitates the integration of other third party applications as well as extensions of the existing functionality.

Enhanced Monitoring Features

The watchdog feature monitors if Instant Messaging is up or down, and it restarts the service if it is down. The Java Enterprise Service monitoring framework provides performance metrics on length of time for authentication, message delivery, and the number of instant messages sent through the service.

Re-architected Calendar Server Integration Support

How calendar notification is relayed as an instant message has changed from previous releases. New features include:

- Updated imadmin command to stop and start calendar server agent
- A new boolean configuration parameter to enable and disable the Calendar agent
- New configuration migration process

Troubleshooting Diagnostics for the Client

The About dialog box describes product copyright information. Additionally, the Details tab lists system, client, server, and session information that, in the event of a problem, end users can copy and paste into an email and send to their administrator or technical support center.

Multidomain functionality in News Channels and Conferences

News channels and conferences now support users from multiple domains.

New User Registration

You can now customize Instant Messenger to allow users to add themselves to the directory.

Simplified Sun Java™ System Access Manager Schema

The attributes sunPresenceDefaultAccess, sunPresenceEntityDefaultAccess, sunPresenceAccessDenied, sunPresenceEntityAccessDenied, sunPresenceAccessPermitted, and sunPresenceEntityAccessPermitted are obsolete. These attributes have been replaced by the attributes sunPresencePrivacy and sunPresenceUserPrivacy. The obsolete attributes are still in the schema, but are not visible from the Sun Java™ System Access Manager console, and are not used.

Hardware and Software Requirements

This section lists the requirements for installing Instant Messaging software. Before you install, ensure that you have met the minimum hardware and operating system requirements. JRE 1.4 is supported by both the server and the client.

The following hardware and software are required for this release of the Instant Messaging software.

This section Includes:

- [Server Operating System Requirements](#)
- [Server Software Requirements](#)
- [Server Hardware Requirements](#)
- [Client Operating System Requirements](#)
- [Client Software Requirements](#)

- [Client Hardware Requirements](#)

Server Operating System Requirements

This release of Sun Java System Instant Messaging requires the following platform:

HP-UX 11i V1

Server Software Requirements

This version of Instant Messaging is compatible with the following versions of other server software:

- Sun Java System Calendar 6 2005Q1
- Sun Java System Directory Server 5 2005Q1
- Sun Java System Access Manager 6 2005Q1
- Sun Java System Messaging Server 6 2005Q1
- Sun Java System Portal Server 6 2005Q1
- Sun Java System Web Server 6.1 Service Pack 4 2005Q1

Server Hardware Requirements

Instant Messaging requires approximately 5 Kbytes of disk space for each user. Though 256 Mbytes of RAM is specified, the amount of RAM needed depends on the number of concurrent client connections, and whether the server and multiplexor are deployed on the same host.

The following are the minimum server hardware and software requirements for installing Sun Java System Instant Messaging:

Table 2 Hardware and Software Requirements

Component	Requirement
Supported Platforms	HP-UX PA-RISC
Operating system	HP-UX11i V1
RAM	256 Mbytes
Disk space	300 Mbytes

Client Operating System Requirements

This release supports the following client platform:

- Solaris 8 and 9
- Microsoft Windows 98 or later (ME, NT (SP 6a), 2000, XP)
- Mac OS X 10.1 or later
- Red Hat Linux 7.2 or later

Client Software Requirements

On Windows, you can run Instant Messenger using the browser's java plug-in from the following browsers:

- Netscape 4.7x, 7 or later
- Mozilla 1.2 or later
- Internet Explorer 5.0 or later

If the client machine has Java 1.4 or a higher version installed, there are no additional requirements to use either Java Plug-in or Java Web Start. Netscape Navigator v7 and the recent versions of the Mozilla browser include Java v1.4 or higher but Internet Explorer does not.

If the client machine does not have Java v1.4 or a higher version installed, you need to install Java Web Start. You can download and Install Java v1.4. from the following location:

<http://java.sun.com/j2se>

You can download and install Java Web Start from the following location:

<http://www.java.sun.com/products/javawebstart>

HTML links can be exchanged over Instant Messenger and activated from the messenger by clicking them. When a link is activated, the messenger invokes a browser. The following table lists supported operating system and browser combinations:

Table 3 Supported Client OS and Browser Combinations

Operating System	Browser
Solaris	Netscape Communicator 4.7x or later
Red Hat Linux 7.x,	Netscape 4.7
Red Hat Linux 8.0 or later	Mozilla 1.2 or later
Windows 98/ME/NT/2000/XP	no restrictions
Mac OS X	no restrictions

Client Hardware Requirements

Instant Messenger uses between 20 to 40 Mbytes of memory on most platforms. You should estimate the memory requirement by including the requirements of other applications (including operating systems) used on the client machine. In most cases, at least 128 Mbytes RAM is recommended in order to run Instant Messenger and other applications comfortably. This number becomes higher when using memory-intensive operating systems such as Windows XP.

The following are the minimum client hardware and software requirements for installing Sun Java System Instant Messaging:

Table 4 Hardware and Software Requirements

Component	Requirement
Supported Platforms	Windows 98/ME/NT/2000/XP, Solaris (PA-RISC or Intel)
Operating system	Solaris 8 and 9, Microsoft Windows 98 or later (ME, NT (SP 6a), 2000, XP)
RAM	128 Mbytes
Disk space	40 Mbytes

Bugs Fixed in This Release

The table below describes the bugs fixed in Instant Messaging 7:

Table 5 FixedBugs in Instant Messaging 7 2005Q1

Bug Number	Description
6228254	Login to Instant Messaging with user created from Access Manager console is not possible.
6222763	Instant Messaging is not working with Single Sign On, switched OFF; and Single Sign On, switched ON with SSO unsuccessful.

Important Information

This section covers the following topics:

- [Installation Notes](#)
- [Compatibility Issues](#)
- [Documentation Updates for Instant Messaging 7 2005Q1](#)

Installation Notes

If you choose to use Sun Java System Identity Server to store policies when configuring Instant Messaging, policies like the following are created:

- Ability to administer Instant Messaging and Presence Services
- Ability to change own Instant Messaging settings
- Ability to manage Instant Messaging Conference Rooms

Compatibility Issues

This release of Instant Messenger requires the 7 2005Q1 Instant Messaging server.

Documentation Updates for Instant Messaging 7 2005Q1

The following documents have been deprecated. The information they contain has been incorporated into the *Sun Java System Communications Services 6 2005Q1 Deployment Planning Guide*:

- *Sun Java System Calendar Server 6 2004Q2 Deployment Planning Guide*
- *Sun Java System Instant Messaging 6 2004Q2 Deployment Planning Guide*
- *Sun Java System Messaging Server 6 2004Q2 Deployment Planning Guide*
- *Sun Java System Communications Services 6 2004Q2 Enterprise Deployment Planning Guide*

In addition, the *Sun Java System Instant Messaging 6 2004Q2 Installation Guide* material has been deprecated. The information previously found in that book is now available from the following sources:

- *Sun Java Enterprise System 2005Q1 Installation Guide*
- *Sun Java Enterprise System 2005Q1 Upgrade and Migration Guide*
- *Sun Java System Instant Messaging 7 2005Q1 Administration Guide*

The rest of this section describes errors and omissions in the documentation.

Online Help

These features are not described in either the product online help or the quick reference.

Emoticons

(Bug : 6182662) Some new emoticons are not documented in the online help. The following table describes the missing emoticons and their corresponding keyboard shortcuts.

Table 6 Instant Messaging Emoticons

Name	Shortcut Characters
Alarm clock	((O))
Balloons	88=
Birthday Cake	~[
Calendar	[#]
Can of Worms	&]
Clown	:O)
Flowers	@=
Gift	@[
Gold Star	(*)
Knife	-->>
Life Preserver	o=
Lightning	\\
Drink)-
Money	\$\$
Mug of Beer	@]
Music	~~
Rat Hole	<O~
Sun Shining	=O=
Phone	(~)

Table 6 Instant Messaging Emoticons (*Continued*)

Name	Shortcut Characters
Violin	~\~

In addition, the online help mistakenly calls the Happy emoticon “Smiley” and the Sleep emoticon “Sleeping”.

Known Issues and Limitations

This section describes the known issues and limitations of Instant Messaging 7 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/819-0428>

Patch updates are issued on a frequent basis. If you encounter a problem while installing or using Sun Java System Instant Messaging, contact Sun Support to enquire about the availability of a fix for this problem. Alternatively, you may consult the Sun web site for patches:

<http://sunsolve.sun.com>

This section covers the following topics:

Configurator

Running the Instant Messaging Configurator is not working in CLI Mode (6233608).

Trying to launch the Instant Messaging Configurator from the CLI mode fails.

Workaround

Run the configurator in the GUI mode.

Instant Messaging configurator may fail when configured with Access Manager (6247978).

Instant Messaging configurator may sometime fail when configured with Access Manager.

Workaround

Run the following script:

im_svr_base/im/lib/imServiceConfigure

Or,

Run Instant Messaging configurator again using the script below:

im_svr_base/im/configure

where, the default Instant Messaging install directory *im_svr_base* is /opt/sun.

Redistributable Files

Sun Java System Instant Messaging 7 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 Instant Messaging , contact Sun customer support using one of the following mechanisms:

- Sun Software Support services online at <http://www.sun.com/products>

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

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:

- Documentation for Instant Messaging
http://docs.sun.com/coll/InstantMessaging_05q1
- Sun Java System Documentation
<http://docs.sun.com/prod/java.sys>
- Sun Java System Consulting and Professional Services
<http://www.sun.com/service/sunjavasystem/sjsservicessuite.html>
- Sun Java System Software Products and Service
<http://www.sun.com/software>
- Sun Java System Software Support Services and Knowledge Base
<http://www.sun.com/service/support/software>
- Sun Java System Software Support Services
<http://www.sun.com/support/>
- Sun Java System Developer Information
<http://developers.sun.com>
- Sun Developer Support Services
<http://www.sun.com/prodtech/support>
- Sun Software Data Sheets
<http://wwws.sun.com/software>

Copyright © 2005 Sun Microsystems, Inc. All rights reserved.

Sun Microsystems, Inc. has intellectual property rights relating to technology embodied in the product that is described in this document. In particular, and without limitation, these intellectual property rights may include one or more of the U.S. patents listed at <http://www.sun.com/patents> and one or more additional patents or pending patent applications in the U.S. and in other countries.

SUN PROPRIETARY/CONFIDENTIAL.

U.S. Government Rights - Commercial software. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

Use is subject to license terms.

This distribution may include materials developed by third parties.

Portions may be derived from Berkeley BSD systems, licensed from U. of CA.

Sun, Sun Microsystems, the Sun logo, Java and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and other countries.

Copyright © 2005 Sun Microsystems, Inc. Tous droits réservés.

Sun Microsystems, Inc. détient les droits de propriété intellectuels relatifs à la technologie incorporée dans le produit qui est décrit dans ce document. En particulier, et ce sans limitation, ces droits de propriété intellectuelle peuvent inclure un ou plusieurs des brevets américains listés à l'adresse <http://www.sun.com/patents> et un ou des brevets des applications de brevet en attente aux Etats - Unis et dans les autres pays.

Propriété de SUN/CONFIDENTIEL.

L'utilisation est soumise aux termes du contrat de licence.

Cette distribution peut comprendre des composants développés par des tierces parties.

Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie.

Sun, Sun Microsystems, le logo Sun, Java et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays.

Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays.