

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

Version 7 2005Q4

Part Number 819-4253-10

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These Release Notes contain important information available at the time of release of Sun Java System Instant Messaging 7 2005Q4 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/app/docs/prod/entsys.05q4>. 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 2005Q4](#)
- [Bugs Fixed in This Release](#)
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- [How to Report Problems and Provide Feedback](#)
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Third-party URLs are 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 2006	Revenue release.
November 2005	Beta release.

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## About Instant Messaging 7 2005Q4

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 2005Q4 for the first time, see the *Sun Java™ Enterprise System Installation Guide* for installation instructions. Upgrade is not supported in this beta release.

If you are using Access Manager with Instant Messaging you need to install the “Compatible (version 6.x style)” Access Manager using the Java Enterprise System installer. This version of Instant Messaging is not compatible with the “Enhanced (version 7.x style)” Access Manager.

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:

## 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.

For the current list of required patches for Sun Java System Instant Messaging go to SunSolve Online (<http://sunsolve.sun.com>) and select either “Patches” or “Patch Portal”. Follow the Sun Java System Instant Messaging links. As system patch requirements change and patches to Java Enterprise System components become available, updates will be made available on SunSolve, initially in the form of recommended patch clusters.

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 2005Q4
- Sun Java System Directory Server 5 2005Q4
- Sun Java System Access Manager 7 2005Q4
- Sun Java System Messaging Server 6 2005Q4
- Sun Java System Portal Server 6 2005Q4
- Sun Java System Web Server 6.1 Service Pack 5 2005Q4
- Sun Java System Application Server 8.1 2005Q4

## 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

<b>Component</b>	<b>Requirement</b>
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, 9, and 10
- 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

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## Bugs Fixed in This Release

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

**Table 5** Fixed Bugs in Instant Messaging 7 2005Q4

Bug Number	Description
6319927	IM Server gives exception and fails to start.

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# Important Information

This section covers the following topics:

- [Installation Notes](#)
- [Compatibility Issues](#)
- [Documentation Updates for Instant Messaging 7 2005Q4](#)
- [Accessibility Features for People With Disabilities](#)

## 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

For information about patch requirements and installation, see the following section:

## Patch Requirement Information

The following table gives the numbers and minimum versions for the alignment patches. All patches referred to in this section are the minimum version number required for upgrade. It is possible that a new version of the patch has been issued since this document was published. A newer version is indicated by a different version number at the end of the patch. For example: 123456-04 is a newer version of 123456-02 but they are the same patch ID. Refer to the README file for each patch listed for special instructions.

To access the patches, go to <http://sunsolve.sun.com>.

**Table 6** Instant Messaging 7 2005Q4 Alignment Patches Required for HP-UX

Patch Number	Patch Description
121514-01	HP-UX 11.11: Sun Java™ System Application Server 8.1 2005Q2
121934-01	HP-UX 11.11: Sun Java™ System Application Server 8.1 2005Q2 (Localization Patch)

**Table 6** Instant Messaging 7 2005Q4 Alignment Patches Required for HP-UX

Patch Number	Patch Description
121510-01	HP-UX 11.11: Sun Java™ System Web Server 6.1 2005Q4
121935-01	HP-UX 11.11: Sun Java™ System Web Server 6.1 2005Q4 (Localization Patch)
121937-01	HP-UX 11.11: Lockhart Localization patch
121516-01	HP-UX 11.11: Sun Java™ System Instant Messaging 7 2005Q4
121892-01	HP-UX 11.11: Sun Java™ System Instant Messaging 7 2005Q4 (Localization Patch)

For detailed information about Upgrade procedure of the Instant Messaging from JES3 to JES4 refer *Sun Java Enterprise System 2005Q4 Upgrade Guide for HP-UX* located at <http://docs.sun.com/app/docs/doc/819-4460>.

## Compatibility Issues

The following table lists the known incompatibilities between Instant Messaging 7 2005Q4 and earlier versions.

**Table 7** Instant Messaging 7 2005Q4 Compatibility Issues

Incompatibility	Impact	Comments
Instant Messaging 7 is incompatible with the 7.x (2005Q4) versions of Access Manager.	When installing Access Manager, select “Compatible (version 6.x style)” instead of “Enhanced (version 7.x style)” on the Java Enterprise System installer.	
Instant Messaging 7 is incompatible with the 2004Q2 versions of Portal Server and Messaging Server.	Upgrade Portal Server and Messaging Server when upgrading Instant Messaging 7.	
Due to a protocol change the Instant Messaging 7 2005Q4 server is not able to communicate with a server of an older version in federated deployments.	Instant Messaging federated deployment sites will need to upgrade all the servers. The existing deployments who do not wish to upgrade the server will have to explicitly set the property of collaboration session factory object to use the legacy protocol implementation.	You should coordinate the upgrade to limit the length of time during which servers will be unable to communicate with each other.

**Table 7** Instant Messaging 7 2005Q4 Compatibility Issues

Incompatibility	Impact	Comments
Client - Server Communication	Due to the protocol change the older versions of the client will not be able to communicate with the newer versions of the server and vice versa.	The sites will need to upgrade both the client and server at the same time.
The Instant Messaging SDK implementation of the Legacy InstantMessaging/Presenceprotocol is now bundled.	By default, the Instant Messaging SDK APIs use the implementation based on the XMPP protocol. Applications will have to explicitly set the property of collaboration session factory object to use the Legacy protocol implementation.	
The SDK component includes additional jar files:  The Instant Messaging SDK uses the JSO (JABBER Stream Objects) libraries.	In order to take advantage of XMPP, you will need to modify the classpath for older applications using the Instant Messaging SDK.	

## Documentation Updates for Instant Messaging 7 2005Q4

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*

## Accessibility Features for People With Disabilities

To obtain accessibility features that have been released since the publishing of this media, consult Section 508 product assessments available from Sun upon request to determine which versions are best suited for deploying accessible solutions. Updated versions of applications can be found at <http://sun.com/software/javaenterprisesystem/get.html>.

For information on Sun's commitment to accessibility, visit <http://sun.com/access>.

### 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 8** 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~

**Table 8** Instant Messaging Emoticons (*Continued*)

Name	Shortcut Characters
Sun Shining	=O=
Phone	(~)
Violin	~\~

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

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## Known Issues and Limitations

This section describes the known issues and limitations of Instant Messaging 7 2005Q4 for HP-UX.

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:

### Configure Utility or IM

#### **Running the Instant Messaging Configure is not working in CLI Mode (6233608)**

Trying to launch the Instant Messaging Configure from the CLI mode fails

*Workaround*

Run the configure in the GUI mode.

#### **When Instant Messaging L10N depots are installed many soft links are not created (6369077)**

*Workaround*

After Instant Messaging installation, create the softlinks manually as described below:

1. In `/opt/sun/im/html`: that is in *<your installed location>/im/html*

`de_DE -> /opt/sun/im/html/de`

`en_US -> /opt/sun/im/html/en`

`es_ES -> /opt/sun/im/html/es`

`fr_FR -> /opt/sun/im/html/fr`

`ja_JP -> /opt/sun/im/html/ja`

`ko_KR -> /opt/sun/im/html/ko`

`zh_CN -> /opt/sun/im/html/zh`

2. In `/opt/sun/im/lib`: that is in *<your installed location>/im/lib*

`CfgResources_de_DE.properties -> /opt/sun/im/lib/CfgResources_de.properties`

`CfgResources_es_ES.properties -> /opt/sun/im/lib/CfgResources_es.properties`

`CfgResources_fr_FR.properties -> /opt/sun/im/lib/CfgResources_fr.properties`

`CfgResources_ja_JP.properties -> /opt/sun/im/lib/CfgResources_ja.properties`

`CfgResources_ko_KR.properties -> /opt/sun/im/lib/CfgResources_ko.properties`

`CfgResources_zh_CN.properties -> /opt/sun/im/lib/CfgResources_zh.properties`

`imService_de_DE.properties -> /opt/sun/im/lib/imService_de.properties`

`imService_es_ES.properties -> /opt/sun/im/lib/imService_es.properties`

`imService_fr_FR.properties -> /opt/sun/im/lib/imService_fr.properties`

`imService_ja_JP.properties -> /opt/sun/im/lib/imService_ja.properties`

`imService_ko_KR.properties -> /opt/sun/im/lib/imService_ko.properties`

`imService_zh_CN.properties -> /opt/sun/im/lib/imService_zh.properties`

### **Instant Messaging configurator crashes on any.utf8 EMEA locales (6370601)**

#### *Workaround*

Instant Messaging configurator sometimes fails to start on non-English locales with a message like 'Invalid character'. This happens due to presence of mutability characters in the script header.

To resolve follow the below mentioned steps:

1. Open the configure script with `vi`.

```
# vi /opt/sun/im/configure
```

2. Save without editing and restart.

```
:w!  
  
# /opt/sun/I/configure
```

### **Configuring Instant Messaging for the first time throws an IO exception (6376725)**

#### *Workaround*

Run the following script:

```
<IM install Directory>/im/lib/imServiceConfigure
```

or

Run Instant Messaging configurator script again:

```
<IM install Directory>/im/configure
```

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## Redistributable Files

Sun Java System Instant Messaging 7 2005Q4 does not contain any files which you can redistribute.

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## 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

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# Additional Sun Resources

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

- Documentation for Instant Messaging  
<http://docs.sun.com/app/docs/coll/1309.1>
- Sun Java System Documentation  
<http://docs.sun.com/app/docs/prod/entsys.05q4>
- 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://developers.sun.com/prodtech/support/>
- Sun Software Data Sheets  
<http://www.sun.com/software>

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