

Sun Java™ System Messaging Server Release Notes for Microsoft Windows

Version 6.2 2005Q4

Part Number 819-4269-10

These Release Notes contain important information available at the time of release of Sun Java System Messaging Server 6.2 2005Q4 and Sun Java System Communications Services Delegated Administrator 6 2005Q4 for Windows. Known issues and limitations, and other information are addressed here. Read this document before you begin using Messaging Server 6.2 2005Q4 and Delegated Administrator 6 2005Q4.

These release notes contain the following sections:

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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.

About Messaging Server 6.2 2005Q4

Messaging Server is a high-performance, highly secure messaging platform that can scale from thousands to millions of users. It provides extensive security features that help ensure the integrity of communications through user authentication, session encryption, and the appropriate content filtering to prevent spam and viruses. With Messaging Server, enterprises and service providers can provide secure, reliable messaging services for entire communities of employees, partners, and customers.

Messaging Server provides a powerful and flexible solution to the email needs of enterprises and messaging hosts of all sizes by using open Internet standards.

This section includes:

- [What's New in Messaging Server 6.2 2005Q4](#)
- [Deprecated Features](#)
- [Requirements](#)

What's New in Messaging Server 6.2 2005Q4

The following new features and enhancements were added to the Messaging Server 6.2 2005Q4 release:

- **Communications Server Delegated Administrator** is the recommended mechanism for provisioning Messaging Server and Sun Java System Calendar Server (Calendar Server) users. For more information, see ["Sun Java System Communications Services Delegated Administrator 6 20054."](#)

- **The Access Manager** (formerly called Identity Server) Services provide Messaging and Calendar Server LDAP user entry provisioning. The Access Manager Services interface now allows input validation. See <http://docs.sun.com/app/docs/coll/1292.1> for more information.
- **New MTA Features**

The type of transport protocol in use (SMTP/ESMTP/LMTP) is now logged and made available to the various access mappings. Two new modifier characters have been added to the set that can appear after an action indicator in the `mail.log*` files:

E - An EHLO command was issued/accepted and therefore ESMTP was used

L - LMTP was used

Previously, the only modifier characters that would appear were A (SASL authentication used) and S (TLS/SSL used). Additionally, the \$E and \$L flags respectively will be set as appropriate for the various *_ACCESS mappings.

Wildcards are now allowed in the strings used to match verdicts returned by spam filters.

`imsimta encode` now supports three new switches:

`-disposition=VALUE` Sets the content-disposition to the specified VALUE

`-parameters=NAME=VALUE` Specifies one or more additional content-type parameters and their values
`-dparameters=NAME=VALUE` Specifies one or more additional content-disposition parameters and their values

Bit 4 (value 16) of the `DOMAIN_UPLEVEL` MTA option is now used to control whether address reversal rewriting is:

(1) Skipped if the address is a `mailEquivalentAddress` (bit clear)

(2) Performed only if the address is a `mailAlternateAddress` (bit set)

A value (/) given as an `[envelope_from]` nonpositional alias parameter, as an errors to positional alias parameter, or as a value of the `mgrpErrorsTo` LDAP attribute is now interpreted as a request to revert to using the original envelope from address for the incoming message while retaining mailing list semantics. This can be useful for setting up mailing lists that report all forms of list errors to the original sender.

The Job Controller directory sweep has been updated. Instead of reading all the files in the queue directory in the order in which they are found, it reads several channel queue directories at once. This makes for much more reasonable behavior on startup, restart, and after `max_messages` has been exceeded. The number of directories to be read at once is controlled by the Job Controller option `Rebuild_Parallel_Channel`. This can take any value between 1 and 100. The default is 12.

The sieve interpreter now keeps track of whether a response message was generated by a notify or vacation action and logs this information as needed.

The option `Rebuild_In_Order` parameter has been added to the `job_controller`. If this is set to a non-zero value, then on startup, the Job Controller adds previously untried (ZZ*) messages to the delivery queue in creation order. Previous (and default) behavior is to add the messages in the order in which they are found on disk. There is a cost associated with recreating the queues in order.

Some additional reasons why a requested vacation response isn't sent are now logged.

Messaging Server has introduced additional features and updates that will be described in forthcoming Beta refresh release notes.

Deprecated Features

Support for the following features may be eliminated in a future release:

Administration Console

The Sun Java System Administration Console has been deprecated and will be removed from the Messaging Server product in a future release.

Requirements

This section describes the platform, client product, and additional software requirements for this release of Messaging Server:

- [Supported Platforms](#)
- [Client Software Requirements](#)
- [Product Version Compatibility Requirements](#)
- [Messaging Server Use of Administration Server](#)
- [Additional Software Requirements](#)

Supported Platforms

This release supports:

- Microsoft Windows 2003 Enterprise Server
- Microsoft Windows 2000 Advanced Server, SP4

- Microsoft Windows XP SP1 and SP2

For detailed information about Windows platform requirements, see the *Sun Java Enterprise System 2005Q4 Release Notes for Microsoft Windows* (<http://docs.sun.com/doc/819-4261>)

NOTE The performance of your messaging server depends on many factors, including CPU power, available memory, disk space, file system performance, usage patterns, network bandwidth, and so on. For example, throughput is directly related to file system performance. If you have questions about sizing and performance, contact your Sun Java System representative.

Client Software Requirements

For Messenger Express access, Messaging Server requires a JavaScript-enabled browser. For optimal performance, Sun recommends the browsers listed in the following table:

Table 2 Messaging Server 6 2005Q4 Client Software Recommendations

Browsers	Windows
Netscape™ Communicator	7.0
Internet Explorer	5.5 or 6.0
Mozilla™	1.2 or 1.4

Product Version Compatibility Requirements

Messaging Server is compatible with the product versions listed in the table below:

Table 3 Product Version Compatibility Requirements

Product	Version
Sun Java System Directory Server	5.1, 5.2, 5.2.4
Sun Java System Access Manager	6.1 (Command-line Interface Only) 7
Sun Java System Web Server	6.1 (but 6.0 Service Pack 5 if you are using iPlanet™ Delegated Administrator)

NSS Version Requirements

Messaging Server 6.2 2005Q4 requires the use of the shared security component NSS version 3.9.4.

For more details about product version dependencies, see,

- *Sun Java Enterprise System Installation Guide for Unix* (<http://docs.sun.com/app/docs/doc/819-2328>)
- *Sun Java Enterprise System 2005Q4 Installation Guide for Microsoft Windows* (<http://docs.sun.com/app/docs/doc/819-4280>)
- *Sun Java Enterprise System Release Notes* (<http://docs.sun.com/app/docs/doc/819-4161>).

Messaging Server Use of Administration Server

Messaging Server uses Administration Server for the following purposes:

- If you use the console to administer Messaging Server, you must have Administration Server running on the same machine.
- When Messaging Server is configured, Messaging Server reads the Administration Server configuration files. However, Administration Server does not have to be running to accomplish this task.

Additional Software Requirements

A high quality caching DNS server on the local network is a requirement for a production deployment of Messaging Server. Messaging Server depends heavily on the responsiveness and scalability of the DNS server.

Additionally, ensure in your setup that DNS is properly configured and that it is clearly specified how to route to hosts that are not on the local subnet:

Make sure that the FQDN is the first host name in the `WINNT\system32\drivers\etc\hosts` file.

If your Internet host table in your `WINNT\system32\drivers\etc\hosts` file has multiple line, like:

```
123.456.78.910 budgie.west.sesta.com
123.456.78.910 budgie loghost mailhost
```

change it to one line for the IP address of the host. The first host name should be a fully qualified domain name. For example:

```
123.456.78.910 budgie.west.sun.com budgie loghost mailhost
```

Bugs Fixed in This Release

This section describes the bugs fixed in the Messaging Server 6 2005Q4 release.

For a complete list of bugs fixed in this release, see the README file delivered with the Messaging Server core software patch.

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

Bug ID	Bug Description
4962377	A log records now include authorization information
4974428	Packages have a default BASEDIR of /opt
4985907	Corrupt Japanese Delivery Reports
4987384	SunONE_MsgSvr script echoes unnecessary -n
5048159	STATUS command is slow on large fragmented mailbox
5060638	French localization: &_grave; instead accented a in "Mettre a jour" label
5064300	Need configuration option to limit number of folders /sub-folders
5091535	XFILE: 5090205, tcp_smtp_server dumps core with LDAP over SSL
5098299	Notification failure error in amSession log during logging out from Communications Express
5100202	Add addresses: does not add all entries into the Personal Address Book
5104279	Return job doesn't recognize messages with urgent priority
5106562	Illegal commands can cause imsimta qm to dump core
6183650	tcp_smtp_server performance problem (100% CPU utilization)
6184095	Upgrade script should deprecate autoreply channel
6186334	S/MIME: retry on WMAP commands when HTTP connection lost in Applet
6191074	Request limitation on physical number of messages per folder and log message
6196349	Console hangs when setting expire rule with header constraints

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6196879	Include user original over the wire login ID in MMP log output
6198129	Quota bar is not right when user is over quota
6199242	Accented messages are not being displayed correctly
6200132	SMIME message not sent with priority requested
6200692	RENAME operation from a personal folder to a shared folder succeeds but
6202176	<code>imsbackup</code> does not backup user defined flags
6203551	System flags are not restored when restoring from SPARC to x86
6204204	Add <code>-i</code> option to <code>imsimport</code> to ignore Content-Length
6204294	Click on shared folder, then click on INBOX get JavaScript error
6204409	Setting mail forwarding is possible without entering a mail forwarding address
6204911	<code>msprobe</code> logs messages to the <code>imta</code> log file
6205866	<code>imsimport</code> is not checking the two leading new lines in <code>From_</code> line
6205957	<code>service.readtimeout</code> should be set to 30 by default
6206104	need <code>reconstruct</code> (or some tool) to correct bad <code>store.sub</code>
6206193	Multiple packages deliver the same binary for <code>SUNWmsgwm</code> and <code>SUNWmsges</code>
6207499	Cannot break the <code>mboxutil -o</code> command
6207512	<code>imsrestore</code> restores the INBOX on second attempt when threshold is exceeded
6207518	<code>mboxutil -d</code> returns Unknown code <code>__9F 242</code>
6207865	stored time out waiting for processes to exit must be finite
6209210	<code>immonitor-access</code> appears to calculate IMAP time incorrectly, when combined with SMTP
6209318	SNMP sub agent fails to come up.
6211683	Going out from mail tab to other tab causes folder tree to disappear
6211969	Possible memory corruption when sleepycat transaction fails
6212021	<code>reconstruct -m</code> reports fixing quotas, but doesn't
6212408	Memory leaks when opening a corrupted mailbox
6212524	Memory leaks in <code>reconstruct</code> when mailbox is corrupted
6213176	Utilities should tell the user as well as log that the watcher is not running
6214039	<code>spamfilterXoptin</code> broken
6214056	Encode unparseable address header fields
6214098	Fix <code>mboxutil</code> usage: duplicate entry for <code>-d</code> option, <code>-P</code> not listed as valid parameters to <code>-d</code>

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6214559	Unread message count disappears when user clicks on View Message Header Detail
6214941	<code>imsconnutil -c</code> logs store emergency error when there is no connected user
6215105	Can't start/stop services (IMAP/POP/MTA/HTTP) from Messaging Server console.
6215535	Expired encrypting certificate causes valid signature displayed as invalid when viewed by recipient
6215928	Encode 8 bits header (sender)
6217848	<code>ims_master</code> dumped core when <code>mailmessagestore</code> LDAP attribute is invalid
6218016	RFE: Generate a log message automatically when <code>MAX_MESSAGES</code> is exceeded
6218085	Mailbox corruption reported when none exists
6219856	5.2P2 to 6.2 upgrade: primary partition path is not modified
6219866	Upgrade from 5.2P2 to 6.2: <code>make_mta_config_changes.sh</code> fails on certain copy commands
6220293	Perform job controller rebuild in such a way that the startup is more fair
6221332	Change ICAP request string to avoid 201 response
6221409	Spam filter support enhancements for new version of Brightmail
6221971	Unable to make a fresh restart of messaging services via administration console after changes
6222031	Setting <code>URL_RESULT_CACHE_SIZE</code> to 0 breaks URL result processing
6222639	Bookkeeping error counting delayed messages
6222841	HTTP daemon crashes on deleting folder after creating a subfolder
6223834	<code>immonitor-access -I</code> core dumps when user in hosted domain
6223848	<code>reconstruct</code> does not notice all nulls in cache record
6225212	Administration Console invoked in German sets expire rule with German for or
6225252	<code>imsimport</code> creates mailbox with uppercase domain name
6225506	Customer wants to use <code>\$subject</code> in his autoreply message
6225708	Reconstruct core on Ctrl/C with <code>iBiff</code>
6225730	Case sensitive causes problems with <code>reconstruct</code>
6226020	<code>imsimta encode -header -filename</code> with multiple files botches boundary marker
6226161	Version of <code>comm_dssetup.pl</code> in <code>/opt/SUNWmsgsr/install</code> corrupts Access Manager
6226915	<code>\$N</code> with no argument in <code>AUTH_REWRITE</code> doesn't get default error text

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6227966	Cannot break (Ctrl-C) the <code>msuserpurge</code> command
6228002	<code>imsched</code> dumped core during refresh
6229781	Audit access control changes on IMAP folders
6230704	SNMP shows 0 values for all message access information
6231048	<code>job_controller</code> looping in <code>addtopriorityqueue</code> (ETRN)
6231202	Garbage in Y records in log files
6231361	problems setting large quotas on a user basis
6231733	Use heuristic parse to extract address from headers for <code>AUTH_REWRITE</code>
6231993	messages will not be dequeued from defragment channel
6232090	probe test fails to restart dispatcher daemon after dispatcher daemon is killed
6232268	MTA passes " " as the quota value to the store when quota information is not available
6232311	<code>transactionlimit</code> keyword not working
6232802	<code>disconnecttransactionlimit</code> not getting checked at MAIL FROM stage
6233449	Regression: <code>tcp_smtp_server</code> and <code>imap</code> both dumped core XFILE 6235303
6233479	MMP needs ability to change user search filter within domain when <code>inetDomainSearchFilter</code> is not set
6234542	Copying a large message to a folder on another server fails
6234674	String concatenate doesn't guard against append argument being too long
6234695	Spamfilter error handling calls wrong routine
6235058	<code>iminitquota</code> should check and repair <code>overquota</code> <code>mailuserstatus</code> when <code>overquotastatus</code> is enabled
6235382	Setting <code>local.store.overquotastatus</code> to 'on' does not enable <code>quotaoverdraft</code> mode automatically
6236243	Clean up sieve <code>setdate</code> support
6236245	Add support to sieve notify to include original message in new message
6237533	<code>mboxutil -o</code> does not list orphan mailboxes that have LDAP entries with different case in the UIDs
6238652	Invalid 'Mailbox corrupted, appears truncated' error from <code>ims_master</code>
6239259	Incorrect message size logged by MTA if message submission is rejected
6239614	Missing leading new line in a From line of an exported mailbox
6239755	More log info when SMTP connection aborted
6240741	Folders to be managed only by privileged accounts with proper ACL semantic

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6240796	<code>ims_master</code> should defer additional recipients when it detects shutdown time out
6242994	<code>imexpire</code> command doesn't terminate fast enough
6243696	Too many <code>msprobe</code> processes hanging around when there is database hang/lock
6243967	<code>dbhang/deadlock</code> after running stress for 45 minutes
6244028	<code>msprobe</code> not recognizing SSL-only MMP configuration
6244207	<code>msprobe</code> need to be able to test SSL ports
6244671	Regression: spaces in <code>certmap.conf</code> issuerDN cause parsing error
6244723	<code>imsbackup</code> hangs on some Windows folders.
6244775	Administration Server: Incorrectly built binary which accesses <code>errno</code> or <code>h_errno</code> directly
6244856	Should sanity check <code>service.http.idletimeout</code>
6245470	<code>mboxutil</code> operations should log input from <code>-f</code> file
6246028	<code>job_controller</code> core null message <code>removefrompriorityqueue</code> after reload
6246247	SMS channel may core in header processing (<code>he_</code>) routines
6247383	<code>imsexport</code> produces invalid date format in From line
6247677	Log Message in <code>imsbackup</code> should indicate which file is problematic
6249578	Logging RFE: Failed index file open/read message needs more information.
6250671	Messenger Express Multiplexor: user is redirected to the login page if the session ID contains a '+' or a '/'
6251752	<code>mshttpd</code> core dump in <code>sasglue_conn_new ()</code>
6251852	Messages still send to the store after message store disk availability check enabled
6252960	Off by one error in check of <code>ALLOW_TRANSACTIONS_PER_SESSION</code> option
6253743	<code>sslconnect</code> dumps core
6255339	Return job not passing envelope from address to notification generator
6255489	Cannot create a sub folder in a shared folder from another user in a non default domain
6259539	MTA SDK may core (SEGV) when dequeuing a message with multiple recipients
6259896	MTA SDK envelope recipient address lookup failures
6260796	<code>imsimta cbuild</code> fails during postpatch
6261048	Out of box installation should not enable SSL

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6261136	Messages are still appended onto Sent folder via Communications Express even if one is over quota
6261566	Multiple notifications are being sent for delayed messages
6262295	MTA SDK may report inapt and confusing error codes
6262675	Unexpected outstanding SSL handshake message log level needs to be adjusted
6263895	Result of <code>PERSONAL_NAMES</code> mapping and <code>LDAP_PERSONAL_NAMES</code> should be automatically quoted if necessary
6264192	Need ability to start SMPP PDU sequence numbers at a value other than 0x00000000
6264200	Wrong message sent when delivering via LMTP and <code>NOTIFY=SUCCESS</code> set
6264543	Messaging Server patch needs to be patch automation friendly
6264566	Request for more detailed logging of MMP operations
6265235	Trusted circle SSO fails when <code>inetDomainSearchFilter</code> is configured in Messaging Server
6265361	Incorrect <code>pthread_cond_timedwait()</code> call may lead to undefined behavior in SMS channel, MTA SDK
6265442	Different behavior of <code>imsimta process</code> command on Linux platform
6266169	<code>configmsg_init_default()</code> only loads configuration once
6267592	<code>iminitquota</code> should issue right error message instead of "Unknown code __9F 242"
6268197	Running stored from a directory not readable by mailsrv user can cause database log accumulation error
6268200	<code>imsrestore -n</code> does not work
6268438	Messages appearing in MTA debug logs without <code>master_debug</code> keyword specified
6268969	Vacation messages are sent with a spurious line break every 1024 characters
6269089	History line written when LMPT encounters all address ugly condition is incomplete
6271555	Typography mistake in ULA database: 'signing cert' instead of 'signing certificate'
6272281	<code>readership</code> command fails with a folder in Japanese characters
6273362	Inner forcing text mode processing of text mime types
6274098	<code>mshttpd cores - free</code> calls abort in <code>dm_dispose_result</code> after fix for bug 6269460
6274165	Job Controller client API does not correctly handle read errors
6274166	Job Controller can hang in <code>readline()</code> when transmitted data contains a NUL

Table 4 Fixed Bugs in Messaging Server 6.2 2005Q4

6274342	MMP logfiles become unreadable due to missing CR
6275540	msprobe reporting Unable to open AService.cfg

Important Information

This section covers the following topics:

- [Installation Notes](#)
- [Compatibility Issues](#)
- [Documentation Updates for Messaging Server 6.2 2005Q4](#)
- [Accessibility Features for People With Disabilities](#)

Installation Notes

These installation notes pertain to the Messaging Server 6.2 2005Q4 release:

Installation Overview for Messaging Server

Use the Sun Java Enterprise System 2005Q4 Installer to install Messaging Server.

For installation instructions, see the *Sun Java Enterprise System 2005Q4 Installation Guide for Microsoft Windows*.

Next, you must configure Messaging Server by,

- Running the Directory Server Preparation Tool, `comm_dssetup.pl`.
- Running the Messaging Server configuration program.

Checking the `\etc\hosts` file entry

If you are installing Messaging Server for the first time, ensure that you have the following entry in `WINNT\system32\drivers\etc\hosts` file on your Windows system:

```
<ip-of system> <FQHN> <hostname>
```

For example, `129.158.230.64 budgie.siroe.varrius.com budgie`

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 5 Messaging Server 6.2 2005Q4 Alignment Patches Required For Windows

Patch Number	Patch Description
121527-01	Windows (MSI): Directory Preparation Tool
121523-01	Windows (MSI): Shared Components
121525-01	Windows (MSI): Sun Java™ System Messaging Server 6.2 2005Q4

For detailed information about Upgrade procedure of the Messaging Server from JES3 to JES4 refer *Sun Java Enterprise System 2005Q4 Upgrade Guide for Microsoft Windows* located at <http://docs.sun.com/app/docs/doc/819-4461>.

Installation Overview for Delegated Administrator

To install Delegated Administrator, use the Sun Java Enterprise System 2005Q4 Installer to install the following components:

- Directory Server
- Messaging Server
- Web Server or Application Server
- Access Manager

The Delegated Administrator software is installed together with Access Manager.

For installation instructions, see the *Sun Java Enterprise System 2005Q4 Installation Guide* (<http://docs.sun.com/app/docs/doc/819-2328>).

Next, you must configure Delegated Administrator by

- Running the Directory Server Preparation Tool, `comm_dssetup.pl`. (If this script was run after Messaging Server was installed, you do not need to run it again.)

- Running the Delegated Administrator configuration program, `config-commda`.

For post-installation configuration instructions, see the *Sun Java System Communications Services Delegated Administrator Guide*.

Compatibility Issues

- If you are running both the latest Communications Express (Universal Web Client) and the deprecated Messenger Express Web mail interface, the address books used by these two clients do not share information. If end users switch between the two client interfaces, the two address books will contain different entries.
- Sun Java System Delegated Administrator (DA) is supported by Web Server version 6.0. If your LDAP directory is still in Schema 1, and you want to continue to provision mail users with DA, use DA with Web Server 6.0. (DA does not support Web Server 6.1.)
- While the preferred single-sign on (SSO) method is the one provided by Sun Java System Access Manager, Messaging Server continues to support the old version of single-sign on.
- The Communications Services user management utility (`commadmin`) is the preferred mechanism for provisioning Messaging Server users in an LDAP directory that is compatible with Access Manager.

The Access Manager Services provide only minimal Messaging and Calendar Server LDAP user entry provisioning.

The Access Manager Services interface do not provide input validation, so user entries that are not functional are created without reporting any errors. Use the Access Manager Services interface for demonstration purposes only.

- Messaging Server provides the following two mail filters that work with different user interfaces:
 - The old mail filter provided through the Sun Java System Delegated Administrator interface
 - A new mail filter provided with Communications Express and Messenger Express

You cannot use both mail filters. If you use the mail filter functionality in Delegated Administrator, disable the mail filter in Communications Express or Messenger Express. Conversely, if you use the Communications Express or Messenger Express mail filter, you cannot use the mail filter functionality in Delegated Administrator.

Documentation Updates for Messaging Server 6.2 2005Q4

These Release Notes are the only document published with the Communications Services 6.2 2005Q4 release.

Messaging Server Documents

Use the following URL to see all the Messaging Server 6.2 2005Q4 documentation:

<http://docs.sun.com/app/docs/coll/1312.1>

Messaging Server 6.2 2005Q4 provides the following documents:

- *Sun Java System Messaging Server Release Notes.*
- *Sun Java System Messaging Server Administration Guide*
- *Sun Java System Messaging Server Administration Reference*
- *Sun Java System Messaging Server Developer's Reference*
- *Sun Java System Messaging Server Messenger Express Customization Guide*

Communications Services Documents

Use either one of the following URLs to see the documentation that applies to all Communications Services 6.2 2005Q4 products:

<http://docs.sun.com/app/docs/coll/1312.1>

or

<http://docs.sun.com/app/docs/coll/1313.1>

The following documents are available:

- *Sun Java System Communications Services Delegated Administrator Guide*
- *Sun Java System Communications Services Schema Reference*
- *Sun Java System Communications Services Event Notification Service Guide*
- *Sun Java System Communications Express Administration Guide*
- *Sun Java System Communications Express Customization 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>.

Known Issues and Limitations

This section describes the known issues and limitations of Messaging Server 6.2 2005Q4 for Windows.

This section comprises the following topics:

- [Login](#)
- [Installation](#)
- [Stress Testing](#)
- [Configuration](#)

Login

- Messaging Server service logon should be changed to the current logged on user. This is necessary since the user should have enough privileges to start/stop the server using the Service Control Manager.
- The Administration Server's http service logon should be changed to logged on user. This is necessary to privilege the admin console to start/stop the servers.

Installation

Active Perl 5.8.3 is required to be pre-installed on the system if Instant Messaging, Messaging Server and Calendar Server are selected for installation. (6293991)

Stress Testing

Connection Timeout errors during load conditions on Windows (6295747)

Connection Timeout errors occur during load conditions on Windows.

Workaround

1. Set the number of threads for each of the services to 25 using


```
Configutil -o service.http.maxthreads -v 25
```

```
Configutil -o service.pop.maxthreads -v 25
```

```
Configutil -o service.imap.maxthreads -v 25
```
2. Create a file named `ims-ms_option` and write `DELIVER_THREADS=5`. Place the file under `<server-root>\config` directory.
3. Follow the steps below on OS tuning for Messaging Server under heavy load:

Certain kernel parameters should be modified to optimize performance for the Sun Java System Messaging Server on Windows 2000 Advanced Server.

- a. Edit the registry entries as given below:

- I. Run Registry Editor (`RegEdit.exe`).
- II. Go to the following key in the registry:
`HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\tcpip\Parameters`
- III. Choose `Add Value` from the `Edit` menu and create the following entries:

Table 6 Add Value entries

Value Name	Data type	Value	Default Value
TcpTimedWaitDelay	REG_DWORD	30 (decimal)	0xF0 (240 decimal) not in registry by default
MaxUserPort	REG_DWORD	50000(decimal)	0xF0 (240 decimal) not in registry by default

- b. Set the Performance option to Application in System Properties
 - I. MyComputer > Properties
 - II. Select the advanced tab, go to Performance options and set the parameter as specified above.

Configuration

Dispatcher hangs during Configure Automatically During Installation in Microsoft Windows XP (6278215), Microsoft Windows 2003 (6336350)

Workaround

1. Stop the start-up during installation using Ctrl+C and let the installation go through.
2. After the installation is complete, start messaging server using `start-msg` on command line.

During Configure Automatically During Installation, the default ports for imap and pop are configured to 1143 and 1110 respectively. The mmp ports for imap and pop are 143 and 110 respectively.

Workaround

To change the ports:

1. Edit the `Aservice.cfg` file (`<instance-dir>\server-root\config`)
2. Change default mmp ports
3. Run `Configutil` commands to change default imap and pop ports.
4. Restart the Messaging Server.

Redistributable Files

The following redistributable files are provided with Messaging Server 6.2:

- You can redistribute the following files in SOURCE (html and javascript) or binary form (GIF files) within a licensed Messaging Server distribution only:
 - `msg_srv_base\config\html` (and subdirectories)
 - `msg_srv_base\install\config\html` (and subdirectories)

You are not permitted to distribute these files by themselves.

- You can copy and use (but not modify) the following header files solely to create and distribute programs to interface with Messaging Server APIs, to compile customer written code using the documented API to interoperate or integrate with Messaging Server, and only as expressly provided in the Messaging Server documentation:
 - `msg_svr_base\examples\meauthsdk\expapi.h`
 - `msg_svr_base\examples\tpauthsdk\authserv.h`
 - All files in the `msg_svr_base\include` directory (*default location*)
- The following files are provided solely as reference for writing programs that use the documented API to integrate with Messaging Server:
 - `msg_svr_base\examples\meauthsdk\`
 - `msg_svr_base\examples\tpauthsdk\`
 - `msg_svr_base\examples\mtasdk\`

Sun Java System Communications Services Delegated Administrator 6 20054

These Release Notes contain important information available at the time of release of Messaging Server Communications Services Delegated Administrator 6.3 2005Q4 for Windows. Known issues and limitations, and other information are addressed here.

These release notes contains the following sections:

- [About Delegated Administrator 6.3 2005Q4](#)
- [What's New in Delegated Administrator 6.3 2005Q4](#)
- [Delegated Administrator Supported Browsers](#)
- [Java Enterprise System Components](#)
- [Deployment Guidelines](#)
- [Hardware Requirements](#)
- [Browsers](#)
- [Known Issues and Limitations](#)

About Delegated Administrator 6.3 2005Q4

Sun Java System Communications Services Delegated Administrator enables you to provision organizations (domains), users, groups, and resources in an LDAP directory used by Communications Services applications such as Messaging Server and Calendar Server.

The Delegated Administrator tool has two interfaces:

- A utility (a set of command-line tools) invoked with the `commadmin` command.
- A console (a graphical user interface) accessible through a Web browser.

Online help in the Delegated Administrator console describes how administrators can use the GUI to provision users in an LDAP directory.

For information about configuring and managing Delegated Administrator, and for a description of the `commadmin` command-line tools, see the *Sun Java System Communications Services 6 2005Q4 Delegated Administrator Guide*.

What's New in Delegated Administrator 6.3 2005Q4

With Communications Services Delegated Administrator, you can provision users in an LDAP Schema 2 directory only. To provision Messaging Server users in an LDAP Schema 1 directory, you must use iPlanet Delegated Administrator, a deprecated tool.

The Delegated Administrator 6 2005Q4 release implements the following new features:

- The Delegated Administrator console's interface has been improved. For example, the following enhancements have been made:
 - In the organization view, a second row of tabs has been added. By selecting these tabs, you can display lists of users, groups, Calendar resources, service packages, or properties.
 - The Users list in an organization now displays each user's email address, mailbox status, and the service package(s) assigned to each user.

The Delegated Administrator console supports Calendar Server.

In earlier releases, only the Delegated Administrator utility (`commadmin`) supported Calendar Server.

The following bullet items list the console features that implement support for Calendar Server:

- The Calendar service can be added to organizations, users, and groups.
- You can create and manage groups in the console. Groups can have mail service (mailing lists), required to support Calendar Server.

- You can create and manage Calendar resources in the console.
- Service packages can now include Calendar service.

Delegated Administrator Supported Browsers

Delegated Administrator can be viewed using:

- Netscape™ Communicator 6.2.x, 7
- Internet Explorer™ 5.5 or higher
- Mozilla™ 1.0 or higher

Java Enterprise System Components

The following Java Enterprise System components are required for this release of Delegated Administrator:

- Directory Server 5.2
- Access Manager 7.0
- Either Messaging Server 6 or Calendar Server 6, or both.

For information about requirements for Messaging Server, see “Bugs Fixed in This Release” on page 56 in Chapter 2

For information about requirements for Calendar Server, see “Known Issues and Limitations” on page 32 in Chapter 1

- Java Enterprise System Web container. You must deploy Delegated Administrator to one of the following Web containers:
 - Sun Java System Web Server 6.1 sp5
 - Sun Java System Application Server 8.x

LDAP Schema 2. This release of Communications Services Delegated Administrator is designed for provisioning users in an LDAP Schema 2 directory.

For information about requirements for Directory Server, Access Manager, Web Server, and Application Server, see the current release notes for these products.

For installation instructions for the Java Enterprise System components listed in this section, see the *Sun Java Enterprise System Installation Guide*.

Deployment Guidelines

In addition to the utility and console, the Delegated Administrator software includes a server component.

The Delegated Administrator server must be deployed to the Web container used by Access Manager.

The Delegated Administrator console can be deployed to another supported Web container.

Hardware Requirements

The memory and disk space requirements for Delegated Administrator are the same as those of the Web container to which Delegated Administrator is deployed.

For information about the Web container's hardware requirements, see the current release notes for this Java Enterprise System component.

Browsers

The Delegated Administrator console requires a JavaScript-enabled browser.

Table 7 Delegated Administrator Console Browser Recommendations

Browsers	Solaris 8 for Sparc, Solaris 9 for Sparc, and X86, Solaris 10 for Sparc and X86	Microsoft Windows 98	Microsoft Windows 2000	Microsoft Windows XP	Red Hat Linux 7.2	Macintosh OS X
Netscape™ Communicator	7.1	7.1	7.1	7.1	7.1	7.1
Internet Explorer	N/A	6.0 SP1 or later	6.0 SP1 later	6.0 SP2	N/A	N/A
Mozilla™	1.4	1.5+	1.5+	1.5+	1.5+	1.5+

Known Issues and Limitations

This section contains a list of the known issues and limitations with Delegated Administrator 2005Q4.

Server error; administrator is logged out when trying to create a new user or edit an existing user. (6234660)

This problem occurs when you open a User page in an organization that contains many users, and you try to create or edit a user while the page is still loading the existing users. While the page is loading, a message asks you to wait. Do not click any buttons or links until the page is ready.

A similar problem occurs when you open an Organization page that contains many organizations.

Workaround

If the User page takes too long to load, you can set the `jdapi-wildusersearchresults` property to a sufficiently low value to allow the page to load quickly. For example:

```
jdapi-wildusersearchresults=50
```

If an Organization page takes too long to load, you can set the `jdapi-wildorgsearchresults` property to a low value. For example:

```
jdapi-wildorgsearchresults=10
```

`jdapi-wildusersearchresults` and `jdapi-wildorgsearchresults` are properties in the `resource.properties` file.

The `resource.properties` file is located in the following default path:

```
da_base/data/WEB-INF/classes/sun/comm/cli/server/servlet/resource.properties
```

Performance of the Delegated Administrator configuration program (config-commda) is slow if a very large number of organizations are deployed in the directory (6219610)

If the directory contains a very large number of organizations (50,000 or more), the Delegated Administrator configuration program (`config-commda`) can take a long time to complete. Performance of administrative tasks related to Access Manager is slow.

Workaround

Create a `pres, eq` index on the `ou` attribute.

Values in the resource.properties files are overwritten when Delegated Administrator is reconfigured with the config-commda program (6218713)

If you configure an existing, configured installation of Delegated Administrator by running the `config-commda` program again, the properties in the `resource.properties` file are reset to their default values.

For example, if you previously set the following properties to these values:

```
jdapi-wildusersearchresults=50
```

```
jdapi-wildorgsearchresults=10
```


and then run `config-commda`, these properties would be reset to their default values, as follows:

```
jdapi-wildusersearchresults=-1
```

```
jdapi-wildorgsearchresults=-1
```

This issue is of concern only if you have changed the Delegated Administrator configuration (if you have enabled plug-ins or modified the values of any properties in the `resource.properties` file).

Workaround

If you need to upgrade Delegated Administrator, or if you need to rerun the `config-commda` program for any other reason, you can preserve your existing configuration by taking the following steps:

1. Back up the `resource.properties` file.

The `resource.properties` file is located in the following default path:

```
da_base/data/WEB-INF/classes/sun/comm/cli/server/servlet/resource.properties
```

2. Run the `config-commda` program.
3. Edit the new `resource.properties` file created by the `config-commda` program, as follows:

(The new file is located in the default path shown in Step 1. Back up the `resource.properties` file, above.)

- a. Open the new `resource.properties` file.
- b. Open your back-up copy of the `resource.properties` file.
- c. Locate the properties that were customized in the back-up copy. Apply the customized values to the corresponding properties in the new `resource.properties` file.

Do not simply overwrite the new `resource.properties` file with the entire back-up copy. The new file may contain new properties created to support this release of Delegated Administrator.

A newly created user does not inherit the domain's timezone (TZ) (6206160)

If you create a domain with a non-default timezone, and then create a new user without explicitly using the `-T <timezone \>` option, the user is given the default timezone (`America/Denver`).

For example, assume you create a domain named `sesta` with a timezone of `Europe/Paris`. Next, create a new user in `sesta`. The user is given the default timezone, `America/Denver`.

Workaround

When you create or modify a user, pass `-T <timezone \>` explicitly to the `commadmin user create` or `commadmin user modify` command.

You need to save the Organization Properties page to successfully add an administrator (6201912)

If you open the Organization Properties page and assign an administrator role to a specified user, you must then save the Organization Properties page to add the administrator successfully. If you log out after assigning the new administrator, the administrator is not added.

If you remove all Service packages from a user in an organization and then assign a new Service package from the Service Packages page, the new Service package assignment fails (6198361)

This problem occurs if all Service packages are removed from a user and then you add a Service package to that user from the Service Packages page.

You can add a new Service package to a user in either of the following cases:

- At least one Service package is assigned to the user (that is, not all Service packages have been removed) before you add the new one.
- You use the “Users in this Organization” page to add the new Service package.

Workaround

Take the following steps:

1. Open the “Show users in this organization” page.
2. Select the user.
3. Check the Allocate Service Package button and select the desired service package.

New non-ascii organizations cause an error because the default administrator’s email address cannot be specified (6195040)

The default administrator’s uid defaults to “admin_new_organization_name.” If the new organization name contains non-ascii characters, the email address that uses this uid is invalid.

Removing a Service package from an organization causes the following message to be displayed: “No changes in service packages allocation.” (6190486)

If you remove a Service package from an organization and click Save, the service package is removed, but the “No changes in service packages allocation” message is erroneously displayed.

The Shared Organization window does not display available domain names to the Service Provider Administrator (6182985)

When a Service Provider Administrator (SPA) logs in to the Delegated Administrator console and views a shared organization, the Domain Name field in the console does not display the currently assigned domain names.

These domain names should be the values currently assigned to this organization in the sunAvailableDomainNames attribute.

Further, the console should allow the SPA to assign additional domain names to the organization (add domain name values to the sunAvailableDomainNames attribute) from the list of domain names available in the SPA's provider organization node. The domain names available from the provider organization are contained in the sunAssignableDomainNames attributes.

You cannot edit a user's login ID in this release of Delegated Administrator (6178850)

If the root suffix name is the same as an organization domain name, the Delegated Administrator utility does not work (5107441)

If you create the root suffix name that is the same as your domain name (for example, if the root suffix is o=example.com and the domain is example.com), the commadmin utilities do not work.

Workaround

Avoid using the same name for the root suffix and another domain in the directory. (The o=name values must be different.)

The advanced search feature does not return correct results for organizations. (5094680)

This issue occurs if you perform the following steps:

1. Select the Advanced Search feature.
2. Select "Organizations" from the drop-down list.
3. Click the Match All or Match Any radio button.
4. Select an organization name from the drop-down list.
5. Enter valid values in the text field.
6. Click Search.

Instead of returning only the organizations that match the search criteria, Delegated Administrator displays all organizations.

The Summary page in the New Organization wizard does not display all the organization details (5087980)

When you create a new organization with the New Organization wizard, certain details, such as Disk Domain Quota and Mail Service Status, are not displayed in the wizard's Summary page.

Cannot modify non-ASCII groups (4934768)

If a group is created with a group name that contains non-ASCII characters, it cannot be modified with the commadmin group modify command.

For example, if a group with the non-ASCII characters XYZ is specified with the -G option in the `comadmin group create` command, an email address of XYZ is automatically added to the group's LDAP entry. Since non-ASCII characters are not allowed in email addresses, modifying the group with `comadmin group modify` fails.

Workaround

Use the -E email option when creating a group. This option will specify the group's email address. For example: `comadmin group create -D admin -w password -d siroe.com -G XYZ -S mail \ \ -E testgroup@siroe.com`.

Creating a group with multiple -f options adds only one attribute (4931958)

If you specify multiple -f options for creating dynamic groups in the `comadmin group create` command, only the value specified with the last -f option is added to the LDAP entry. The other values are not added.

Workaround

Do not specify the -f option multiple times when using the `comadmin group create` command.

Localization

This section describes Delegated Administrator localization bugs.

Delegated Administrator: An error message, "The organization already exists," is not localized (6201623)

If you attempt to create an organization with the same name as an existing organization, Delegated Administrator displays the following error message: "The organization already exists." This message appears in English and is not translated.

How to Report Problems and Provide Feedback

If you have problems with Sun Java System Messaging 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 ProductTracker, 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

You might also find it useful to subscribe to the Sun Java System Communications products customer newsletter for periodic updates from the product team about products and upcoming events. Subscribe at <http://subscriptions.sun.com/comms/maillinglist.html>.

Sun Welcomes Your Comments

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Additional Sun Resources

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

- Documentation for Sun Java System Messaging Server
<http://docs.sun.com/app/docs/coll/1312.1>
- Sun Java System Documentation
<http://docs.sun.com/app/docs/prod/entsys.05q4>
- 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 training and support
<http://training.sun.com/>
- Sun Java System Consulting and Professional Services
<http://www.sun.com/service/sunps/sunone>
- Sun Developer Information
<http://developers.sun.com>
- Sun Developer Support Services
<http://www.sun.com/developers/support>
- Sun Software Data Sheets
<http://www.sun.com/software>

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