

# Sun Java™ System Messaging Server Release Notes for Microsoft Windows

Version 6.2 2005Q1

Part Number 819-1585-10

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These Release Notes contain important information available at the time of release of Sun Java™ System Messaging Server 6.2 2005Q1 for Windows. Known issues and limitations, and other information are addressed here. Read this document before you begin using Messaging Server 6.2 2005Q1.

The Messaging Server 6.2 2005Q1 release includes the following products and tools:

- [Messaging Server](#)
- [Communications Express](#)
- [Delegated Administrator](#)

These release notes contain the following sections:

- [Release Notes Revision History](#)
- [About Messaging Server 6.2 2005Q1](#)
- [Bugs Fixed in This Release](#)
- [Known Issues and Limitations](#)
- [Redistributable Files](#)
- [Communications Express](#)
- [Delegated Administrator Utility](#)
- [How to Report Problems and Provide Feedback](#)
- [Additional Sun Resources](#)

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, 2005	Initial release of Sun Java™ System Messaging Server release notes for Microsoft Windows.
July, 2005	Release of RR version of Sun Java™ System Messaging Server release notes for Microsoft Windows.

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## About Messaging Server 6.2 2005Q1

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 2005Q1](#)
- [Deprecated Features](#)

- [Requirements](#)

## What's New in Messaging Server 6.2 2005Q1

The following new features and enhancements were added to the Messaging Server 6.2 2005Q1 release:

- Sun Java System Communications Services 6.2 2005Q1 Delegated Administrator

The Communications Services 6 2005Q1 Delegated Administrator is a new graphical user interface (GUI) for provisioning Messaging Server users and mail services in an LDAP Schema 2 directory.

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.

Delegated Administrator has two user components:

- Delegated Administrator console (graphical user interface)
- Delegated Administrator utility (command-line utility)

In earlier releases, this utility was called the Communications Services User Management Utility (`commadmin`). In this release, it has been renamed Communications Services Delegated Administrator utility.

The command-line name that invokes the Delegated Administrator Utility remains the same: `commadmin`.

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, see the *Sun Java System Communications Services 6 2005Q1 Delegated Administrator Guide*.

- Communications Express Mail supports Secure/Multipurpose Internet Mail Extension (S/MIME).

Sun Java System Communications Express Mail now includes the security advantages of the Secure/Multipurpose Internet Mail Extension (S/MIME). Communications Express Mail users who are set up to use S/MIME can exchange signed or encrypted messages with other Communications Express Mail users, and with users of the Microsoft Outlook mail system.

Information about using S/MIME is part of the online help for Communications Express Mail. Information to administer S/MIME is explained in the *Sun Java System Messaging Server 6 2005Q1 Administration Guide*.

- Support of Network Appliance filers which are NFS devices when they are attached to supported Solaris platforms.
- Support for Symantec Anti-Virus Scan Engine using the Internet Content Adaptation Protocol (ICAP).
- Enhanced logging, including the following:
  - Improved Control of MTA Debug Logging
  - Enhanced Connection Logging
  - Message Tracing for Message Store Logging (message lifecycle logging)
- imexpire Enhancements
  - Added `-u user` option to expire one user
  - Added `-m max_rule` option to specify maximum number of rules
  - Added `-r max_thread_partition` option to specify maximum number of threads per partition

- MTA Disk Availability Check

Administrators can configure the variable `local.queuedir` config to specify the MTA queue directory to be monitored by `msprobe`.

- Variable Substitution for IMAP Quota Warning Message

The following variables are supported.

[ID] - userID  
[DISKUSAGE] - disk usage  
[NUMMSG] - number of messages  
[PERCENT] - `store.quotawarn` percentage  
[QUOTA] - mailquota attribute  
[MSGQUOTA] - mailmsgquota attribute

- Exclude Bulk Mailboxes from Backup

The configuration variable `local.store.backup.exclude` has been added to specify mailboxes to be excluded during backup.

- Enhancements in the `imquotacheck` and `mboxutil` utilities

Added `-t num` option to `mboxutil` to list mailboxes which have not been accessed in *num* days.

- Single User Reconstruct of Mailboxes Database

The `-u user` option was added to the `reconstruct` command.

- LDAP Operations over SSL Based Connections

New `configutil` variables are provided to configure the server to perform LDAP operations over SSL.

```
local.ugldapusessl=yes
local.ugldapport=636
local.service.pab.ldapusessl=yes
local.service.pab.ldapport=636
```

- Login ID specified via Search Filters

A `%` in `inetdomainsearchfilter` or `sasl.default.ldap.searchfilter` expands to the user's original login ID before UID and domain parts are separated.

- POP Exclusive Access

You can configure `configutil -o local.pop.lockmailbox -v 1` to only allow only one POP session at a time to access a mailbox.

- Message Store Disk Availability Check

You can stop messages from being delivered to a message store partition when the partition fills more than a specified percentage of available disk space. You set two `configutil` parameters, `local.store.checkdiskusage` and `local.store.diskusagethreshold`, to enable this feature and specify the disk-usage threshold.

With this feature, the message store daemon monitors the partition's disk usage. As disk usage increases, the store daemon dynamically checks the partition more frequently (ranging from once every 100 minutes to once a minute).

- Enhancements in the `imquotacheck` and `mboxutil` utilities:

In Messaging Server 6.x, the old `quotacheck` utility has been renamed the `imquotacheck` utility.

In addition, duplicate features in the `imquotacheck` and `mboxutil` utilities have been consolidated so that each utility performs a unique and distinct function.

The `imquotacheck` utility delivers over-quota warning messages to end users; it can also list user quota information. The utility obtains information primarily from the LDAP directory.

The `mboxutil` utility performs a variety of message-store management and reporting functions; the utility obtains information primarily from the local `mboxlist` database.

The following options have been removed from `mboxutil` and added to `imquotacheck`:

- `-a` Lists all quota information. This option is the default behavior in `imquotacheck`.
- `-q` Lists domain quota information. Now you can use `imquotacheck -d domain`.
- `-u` Lists user information. Now you can use `imquotacheck -u`.

These options obtain a list of users from the LDAP directory, not the local `mboxlist` database.

In addition, the Messaging Server 5.x `quotacheck` user search, which used the `mboxlist` database, is deprecated.

- In Messaging Server 5.x, when you used the `quotacheck` utility to retrieve a list of users, `quotacheck` searched the local `mboxlist` database. This function duplicated the list function in the `mboxutil` utility.
- To retrieve a list of users from the local `mboxlist` database, use the `mboxutil` utility with the `-l` option.

The `mboxutil` utility generates a user list faster than `imquotacheck`, which uses the LDAP directory. If you do use the report function in `imquotacheck`, you might notice a performance difference compared to the old `quotacheck` utility.

- Enhancement in the `reconstruct -m -p` command.

In previous releases, if you ran `reconstruct -m -p partition`, the utility would do the following:

- Scan the specified partition.
- Fix the `folder.db` for users in the specified partition.
- Fix the `quota.db` and `lright.db` for users in all partitions.

This behavior led to potential duplication if you ran multiple instances of `reconstruct` in parallel against different partitions. (Each instance would fix the entire `quota.db` and `lright.db`.)

In this release, if you run `reconstruct -m -p partition`, the utility does the following:

- Scans the specified partition.
- Fixes the `folder.db` for users in the specified partition.
- Fixes the `quota.db` for users in the specified partition.

The command does not fix the `lright.db` because it would require scanning the acls for every user in the message store. Performing this operation for every partition is not efficient.

To fix the `lright.db`:

- Run `reconstruct -m -p partition1, reconstruct -m -p partition2, and so on.`
- Run `reconstruct -l.`
- Restoring messages that have been incrementally backed-up.

If you want to restore messages from a mailbox that has been incrementally backed-up, and if that mailbox no longer exists, you must follow different restore procedures from previous releases. Refer to the *Sun Java System Messaging Server Administration Guide*.

- Enhancement in the message store restore utility.

When a mailbox has been deleted or is being migrated, the `imsrestore` utility recreates the mailbox with the mailbox UID validity and message uids stored in the backup archive.

In the past, when `imsrestore` would recreate a deleted or migrated mailbox, it would assign a new UID validity to the mailbox and new UIDs to the messages. In that situation, a client with cached data would have to resynchronize the UID validity and UIDs. The client would have to download the new data again, increasing the workload on the server.

With the new `imsrestore` behavior, the client cache remains synchronized, and the restore process operates transparently, with no negative impact on performance.

(If a mailbox exists, `imsrestore` assigns new UIDs to the restored messages so that the new UIDs remain consistent with the UIDs already assigned to existing messages.)

To ensure UID consistency, `imsrestore` locks the mailbox during the restore operation.

However, because `imsrestore` now uses the UID validity and UIDs from the backup archive instead of assigning new UID values, UIDs could become inconsistent if you perform incremental backups and restores.

(If you perform incremental backups with the `-d date` option of the `imsbackup` utility, you might have to invoke `imsrestore` multiple times to complete the restore operation. If incremental backups were performed, you must restore the latest full backup and all subsequent incremental backups.)

New messages can be delivered to the mailbox between the restore operations. In this case, the message UIDs can become inconsistent.

To prevent inconsistency in the UIDs, take one of the following actions:

- During the restore operation, disable delivery of messages to the mailbox.

- Before you start the restore operation, create the mailbox with the `mboxutil -c` command.
- Additional Message Store/Access minor features
- Identify for routing purposes DSNs and MDNs
- Enhanced Mappings with (optional) connection information
- Further options on from: address rewriting
- UTF-8 enabled in mapping tables
- Message Views in Communications Express
- Message Flags in Communications Express
- Message Search Enhancements in Communications Express
- Single Copy/Relinker for the Message Store
- `mgrpErrorsTo` LDAP attribute

The `mgrpErrorsTo` attribute specifies either an email address or a URL, which is resolved to produce an address. The address is placed in the MAIL FROM (envelope from) field of all messages the list produces. Additionally, the presence of the `mgrpErrorsTo` attribute causes the MTA to treat the group as a full-fledged mailing list and not as a simple autoforwarder. (5109558)

The basic purpose of the MAIL FROM address is to create a place to send reports of message delivery problems. As such, the main effect of `mgrpErrorsTo` is to cause errors delivering list mail to be directed to the `mgrpErrorsTo` address. (There are, however, other semantics associated with and uses of the MAIL FROM address that are described in the various messaging RFCs, most notably the SMTP specification RFC 2821 and the NOTARY RFCs 3461-3464. The latter RFCs also describe many of the additional semantics associated with mailing lists.)

- `msuserpurge` replaces iPlanet Delegated Administrator command

The Messaging Server `msuserpurge` command replaces the deprecated `imadmin user purge` command (an iPlanet Delegated Administrator command-line utility for use with LDAP Schema 1 directories).

- Mail filter `.war` files are automatically included in Communications Express. (6189195)

After you install Messaging Server and run the configure program, you no longer need to enable a `.war` file to set up mail filters. Specifically, you do not need to deploy the `MailFilter.war` file via the Web container (`./wdeploy deploy` for Web Server or `./asadmin deploy` for Application Server).



Messaging Server has introduced additional features and updates described in the sections that follow.

## MTA Enhancements

New MTA features include the following:

- The MTA now has the ability to process multiple LDAP attributes with the same semantics. The handling attributes receive depends on the semantics. The possible options are:
  - a. Multiple different attributes don't make sense and render the user entry invalid. This handling is the default unless otherwise specified for this release.
  - b. If multiple different attribute are specified one is chosen at random and used. LDAP\_SPARE\_3 is the only attribute that receives this handling in this release; it is how all attributes are handled prior to this release.
  - c. Multiple different attributes do make sense and should be treated as equivalent. This handling is currently in effect for LDAP\_CAPTURE, LDAP\_MAIL\_ALIASES, and LDAP\_MAIL\_EQUIVALENTS.
- The MTA now has the ability to chose between multiple LDAP attribute values with different language tags and determine the correct value to use. The language tags in effect are compared against the preferred language information associated with the envelope from address. Currently, the only attributes receiving this treatment are LDAP\_AUTOREPLY\_SUBJECT (normally mailAutoReplySubject), LDAP\_AUTOREPLY\_TEXT (normally mailAutoReplyText), LDAP\_AUTOREPLY\_TEXT\_INT (normally mailAutoReplyTextInternal), LDAP\_SPARE\_4 and LDAP\_SPARE\_5.
- MAIL FROM and RCPT TO commands that fail due to various syntax or wrong state errors now generate B records in the log just like bad commands do. (RFE 5052781)
- Sieve errors are now logged as such in mail.log when LOG\_FILTER is enabled.
- The defaultdomain channel keyword has now been completely removed. This was necessary to resolve a conflict with an identically named option in the MMP.
- The MTA contains code that performs various fix-ups on messages. One of these fix-ups is to insert a From: field into the header when this mandatory field is missing. The value that is inserted comes from the envelope from (MAIL FROM) field. However, the code used to use the actual value that is going to end up in the envelope from field of the message, which in the case of a mailing list expansion is the error-reporting address. The code has been changed to insert the original envelope from field, so this information is not lost. (RFE 5015006)
- The mgrpAllowedDomain and mgrpDisallowedDomain attributes now support wildcards. (Bug 5057556)

- Domains are now canonicalized prior to performing the comparisons used to determine whether to use internal or external autoreply text. (RFE 4976648)
- Support for the Windows-125x character set (charset) has been added to Messaging Server.
- A nonstandard refuse sieve action has been added.

This action can only be used in system-level sieve scripts. A single string argument is required. If used, this action causes the current message to be immediately rejected at the SMTP level. The string argument is returned as the error string in SMTP. Refuse is incompatible with all other sieve actions except for discard.

- If an error occurs in a sieve filter, the sieve owner is notified that the sieve is broken. If it is not a user sieve, the appropriate postmaster is notified of the failure. The incoming mail is filed in the user's INBOX. In previous versions of Messaging Server (5.x and earlier), messages were rejected when an error occurred in a sieve filter. (4742425)
- Support has been added to the PMDF and SIMS APIs to allow tracking of intermediate addresses. This makes it possible for the `ims-ms` to use sensible addresses in DSNs rather than the internal final addressing forms the `ims-master` channel program requires.
- Support has been added to the low-level logging and message dequeue code to track intermediate addresses. This provides the means for success DSNs to use sensible addresses in DSNs rather than channel-specific private final addressing forms.
- Additional diagnostic detail has been added to SMTP responses that result from failed ETRN commands.
- `imsimta cnbuild` can handle very large system sieves (RFE 4970618).
- The MTA's address rewriting logic has been changed to handle alias expansion errors better. More specifically, address failures in a group or alias that does not override the envelope from would be silently ignored as long as at least one address in the group or alias was valid. The MTA has been changed so that such failures are now reported to the group or alias. A side effect of this change is that groups or aliases that do not contain any valid addresses will not be reported as such and not simply as an invalid address.
- If the SMTP server cannot read the options file or finds an options-file syntax error, the channel program aborts and an error message is written to the log. (4958384)
- The alias processing machinery now keeps track of any personal name information specified in the attribute named by the `LDAP_PERSONAL_NAME` MTA option, and uses this information to construct `From:` fields for any MDNs or vacation replies generated. (4618559)

- The `REJECT_RECIPIENTS_PER_TRANSACTION` SMTP channel option now can be set usefully to values bigger than the `ALLOW_RECIPIENTS_PER_TRANSACTION` SMTP channel option. Also, the code now tracks attempts to add recipients in addition to tracking successful recipient additions, and uses this value in the `REJECT_RECIPIENTS_PER_TRANSACTION` comparison. (4870897)
- MTA now uses specialized machinery to keep track of whether or not a given address expansion result should be employed in DSNs and MDNs as a final recipient address. In addition, if the result should not be so employed, this machinery tracks the address that should be used.

The semantics of the various sorts of address expansions implemented through LDAP are well-defined and set this information automatically. Entries in alias files and databases, however, do not have such clear semantics and, in practice, are used for multiple purposes. A mechanism to explicitly call for a given expansion address to be hidden has therefore been added. Prefixing an expansion address with a colon causes it not to be used in DSNs and MDNs. The address input to the alias expansion operation will be used instead. An example of an alias file entry that uses this facility is:

```
a: :b@example.com
```

- Some useful flags are now set prior to calling the `FROM_ACCESS`, `SEND_ACCESS`, `MAIL_ACCESS`, `ORIG_SEND_ACCESS`, and `ORIG_MAIL_ACCESS` mappings. These flags are:
  - **\$A**: Set if SASL has been used.
  - **\$T**: Set if TLS has been used.
  - **\$S**: Set if success delivery receipts requested (not available in `FROM_ACCESS`).
  - **\$F**: Set if failure delivery receipts requested (not available in `FROM_ACCESS`).
  - **\$D**: Set if delay delivery receipts requests (not available in `FROM_ACCESS`).
- The application information string supplied to the `FROM_ACCESS`, `MAIL_ACCESS`, and `ORIG_MAIL_ACCESS` mappings now includes the system name claimed in the `HELO/EHLO` SMTP command. This name appears at the end of the string and is separated from the rest of the string (normally "SMTP") by a slash (/). (The claimed system name can be useful in blocking some worms and viruses.)
- New `USE_PERSONAL_NAMES` and `USE_COMMENT_STRINGS` MTA options were added to optionally include source and destination channel information in `PERSONAL_NAMES` and `COMMENT_STRINGS` mapping probes.

Setting either option to bit 0 (value 1) will add the usual `source-channel|destination-channel|` prefix to the corresponding mapping probe.

Note that these new options do not control whether the `PERSONAL_NAMES` or `COMMENT_STRINGS` options are used; the `PERSONAL_NAMES` or `COMMENT_STRINGS` options are controlled by various channel keywords.

- Per-user conversion tags are now applied before mail host information is considered, which enables front-end systems to perform user-specific conversion operations (RFE 4906355).

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**NOTE** The Communications Server Delegated Administrator is the recommended mechanism for provisioning Messaging Server and Sun Java System Calendar Server (Calendar Server) users.

The Access Manager (formerly called Identity Server) Services (as described in the *Sun Java Enterprise System Installation Guide* at <http://docs.sun.com/app/docs/doc/819-0056> provide only minimal Messaging and Calendar Server LDAP user entry provisioning. Because the Access Manager Services interface does not provide input validation, user entries that cannot receive email or otherwise do not function will be created without reporting any errors. Consequently, we recommend using the Access Manager Services interface for demonstration purposes only.

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## Deprecated Features

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

### **Messenger Express and Calendar Express**

Going forward, no new features will be added to the Messenger Express and Calendar Express user interfaces. They have been deprecated in favor of the new Communications Express user interface. Sun Microsystems, Inc. will announce an end-of-life time line for Messenger Express and Calendar Express at a future date.

### **Administration Console**

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

### **Netscape Browser Support**

Firefox browser support will replace Netscape browser support at some point.

# 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 Windows 2000 Server, Service Pack 4.

For detailed information about Windows platform requirements, see the *Sun Java Enterprise System Release Notes for Microsoft Windows*( <http://docs.sun.com/doc/819-1573>).

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**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.

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## 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 2004Q2 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
Sun Java System Access Manager	6.1 (Command-line Interface Only)
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 2005Q1 requires the use of the shared security component NSS version 3.9.4.

For more details about product version dependencies, see the *Sun Java Enterprise System Installation Guide* (<http://docs.sun.com/app/docs/doc/819-0056>) and *Sun Java Enterprise System Release Notes* (<http://docs.sun.com/app/docs/doc/819-0104>).

## 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
```

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## Bugs Fixed in This Release

None

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## Important Information

This section covers the following topics:

- [Installation Notes](#)
- [Compatibility Issues](#)
- [Documentation Updates for Messaging Server 6.2 2005Q1](#)

## Installation Notes

These installation notes pertain to the Messaging Server 6.2 2005Q1 release:

### *Installation Overview for Messaging Server*

Use the Sun Java Enterprise System 2005Q1 Installer to install Messaging Server.

For installation instructions, see the *Sun Java Enterprise System 2005Q1 Installation Guide 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`

### *Installation Overview for Delegated Administrator*

To install Delegated Administrator, use the Sun Java Enterprise System 2005Q1 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 2005Q1 Installation Guide* (<http://docs.sun.com/app/docs/doc/819-0056>).

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 mechanisms 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 2005Q1

These Release Notes are the only document published with the Communications Services 6.2 2005Q1 release.

### Messaging Server Documents

Use the following URL to see all the Messaging Server 6.2 2005Q1 documentation:

[http://docs.sun.com/app/docs/coll/MessagingServer\\_05q1](http://docs.sun.com/app/docs/coll/MessagingServer_05q1)

Messaging Server 6.2 2005Q1 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 2005Q1 products:

[http://docs.sun.com/app/docs/coll/MessagingServer\\_05q1](http://docs.sun.com/app/docs/coll/MessagingServer_05q1)

or

[http://docs.sun.com/app/docs/coll/CalendarServer\\_05q1](http://docs.sun.com/app/docs/coll/CalendarServer_05q1)

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*

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## Known Issues and Limitations

This section describes the known issues and limitations of Messaging Server 6.2 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/819-0104>

This section comprises the following topics:

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

## 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 4** 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.

---

## 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\_svr\_base\config\html* (and subdirectories)
  - *msg\_svr\_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\`

---

## Communications Express

These Release Notes contain important information available at the time of release of Sun Java™ System Communications Express 6.2 2005Q1 for Windows. Known issues and limitations, and other information are addressed here.

This release notes contains the following sections:

- [About Communications Express 6.2 2005Q1](#)
- [Communications Express Supported Browsers](#)
- [Communications Express Installation Notes](#)
- [Communications Express Known Issues and Limitations](#)

## About Communications Express 6.2 2005Q1

Sun Java™ System Communications Express Version 6 2005Q1 provides an integrated web-based communication and collaboration client that consists of three client modules - Calendar, Address Book and Mail. The Calendar and Address Book client modules are deployed as a single application on any web container and are collectively referred as the Unified Web Client (UWC). Messenger Express is the standalone web interface mail application that uses the HTTP service of the Messaging Server.

## Communications Express Supported Browsers

Communications Express can be viewed using:

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

# Communications Express Installation Notes

The following are the dependent services for Communications Express:

1. **Directory Server.** Install Sun Java System Directory Server version 5.2.
2. **Calendar Server.** Install Sun Java System Calendar Server Version 6.1.
3. **Web Server.** Install Sun Java System Web Server version 6.1 SP4 with JDK version 1.5.
4. **Messaging Server.** Install Sun Java System Messaging Server 6.2.
5. **Access Manager.** Install Sun Java System Access Manager 6.2.
6. **Application Server.** Install Sun Java System Application Server 8.1.

---

**NOTE** Communications Express has been tested and is supported only with the server versions mentioned above. The Communications Express for Sun Java Enterprise System 3 Release can be deployed only on Sun Java System Application Server 8.1. The Communications Express Configurator supports only the Domain Administration Server (DAS) deployment for Application Server 8.1.

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Refer to chapter 2, “Installing and Configuring Communications Express” of *Sun Java Systems Communications Express Administration Guide* for instructions on how to install and configure Sun Java System Communications Express.

Refer to chapter 4, “Implementing Single Sign-On” of *Sun Java Systems Communications Express Administration Guide* for instructions on how to configure Sun Java System Communications Express when Access Manager is deployed.

## Communications Express Known Issues and Limitations

This section contains a list of the known issues and limitations with Sun Java System Communications Express Version 6.2 2005Q1. The following topics are the known issues:

### **Deployment on Application Server is not supported**

Deployment of Communications Express on Application Server is not supported.

#### *Workaround*

None.

---

# Delegated Administrator Utility

These Release Notes contain important information available at the time of release of Sun Java System Delegated Administrator 6.2 2005Q1 for Windows. Known issues and limitations, and other information are addressed here.

This release notes contains the following sections:

- [About Delegated Administrator 6.2 2005Q1](#)
- [Delegated Administrator Supported Browsers](#)
- [Delegated Administrator Installation Notes](#)
- [Delegated Administrator Known Issues and Limitations](#)

## About Delegated Administrator 6.2 2005Q1

Sun Java System Delegated Administrator Version 6.2 2005Q1 is a set of command-line tool and GUI based support for provisioning users, groups, domains, and resources for Sun Java System Messaging Server and Sun Java System Calendar Server using Sun Java System Access Manager SDK.

## 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

## Delegated Administrator Installation Notes

The following are the dependent services for Delegated Administrator:

1. **Directory Server.** Install Sun Java System Directory Server version 5.2.
2. **Web Server.** Install Sun Java System Web Server version 6.1 SP4 with JDK version 1.5.

**3. Access Manager.** Install Sun Java System Access Manager 6.2.

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**NOTE** Delegated Administrator has been tested and is supported only with the server versions mentioned above. The Delegated Administrator for Sun Java Enterprise System 3 Release can be deployed only on Sun Java System Application Server 8.1. Also, the Communication Express Configurator supports only the Domain Administration Server(DAS) deployment for Application Server 8.1.

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## Delegated Administrator Known Issues and Limitations

This section contains a list of the known issues and limitations with Delegated Administrator 2005Q1. The following topics are the known issues:

**Delegated Administrator cannot be configured in Quick Configure mode**

Delegated Administrator cannot be configured in Quick Configure mode.

*Workaround*

None.

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## 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

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 book or at the top of the document. For example, the title of this book is Sun Java System Messaging Server 6.2 2005Q1 Release Notes for Microsoft Windows, and the part number is 819-1585-10.

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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/coll/MessagingServer\\_05q1](http://docs.sun.com/coll/MessagingServer_05q1)
- Sun Java System Documentation  
<http://docs.sun.com/prod/java.sys>
- 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>

## Additional Sun Resources

- 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://developers.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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