Release Notes for iPlanet Messaging Server

Version 5.2

May 2002

These release notes contain important information about iPlanet™ Messaging Server 5.2. Features and enhancements, installation notes, known problems, and other late-breaking issues are addressed here. Read this document before you install iPlanet Messaging Server.

An electronic version of these release notes can be found at the iPlanet documentation web site: `http://docs.iplanet.com/docs/manuals/messaging.html`. Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and manuals.

These release notes contain the following sections:

- What's New in iPlanet Messaging Server
- Deprecated Features
- Hardware and Software Requirements
- Supported Platforms
- Tuning Requirements
- Product Hierarchy and Dependencies
- Fixed Bugs
- Known Problems, Limitations, and Considerations
- Documentation Changes
- How to Report Problems
- For More Information

What's New in iPlanet Messaging Server

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

iPlanet Messaging Server is an integration of the Netscape Messaging Server and Sun Internet Messaging Server. The most robust and highest performing components of each product have been combined to produce the iPlanet Messaging Server. For example, the message store, LDAP directory, and Administration Console come from Netscape Messaging Server, while the message transfer agent (MTA) and delegated administrator command line interface come from Sun Internet Mail Server.

Because this is an integrated product, Netscape Messaging Server and Sun Internet Messaging Server customers might find that many processes and procedures for those products are different for iPlanet Messaging Server. For complete information refer to the iPlanet Messaging Server 5.2 documentation at `http://docs.iplanet.com/docs/manuals/messaging.html`.

Messaging Server Version 5.2

The following list describes new features specific to Messaging Server 5.2:

*   Integration with iPlanet Web Server 6.0 SP2 (Service Pack 2).

*   Enhanced HTTP service with the introduction of Messenger Express Multiplexor.

*   Enhanced Messenger Express (Webmail), including a spell checker, rich-text formatting for Internet Explorer, shared folders, and user interface improvements that facilitate navigation. In addition, Thai character sets are supported in Messenger Express.

*   MTA direct LDAP lookup.

*   POP before SMTP service to support legacy POP clients that lack support for standard SMTP authentication. This service is implemented by using a new SMTP proxy component of the Messaging Multiplexor.

*   Functionality for importing and exporting between iPlanet Messaging Server and UNIX `/var/mail` format folders.

*   Additional support for DNS-based databases in the `dns_verify` program.

*   The configuration variable `store.quotanotification` is no longer used. To enable or disable quota notification, set or unset the `store.quotaexceededmsg` configuration variable. Note that you cannot disable IMAP ALERT messages.

- Support for Short Messaging Service using the SMS channel. Messaging server supports one-way email to an SMS gateway. Handling of SMS notifications (that is, replies and delivery receipts) and origination of email from SMS users (mobile to email) is presently not supported. Support for this feature is provided by a special SMS channel. For complete information on the SMS channel, refer to the iPlanet Messaging Server Technical Notes at the bottom of the iPlanet Messaging Server Documentation website.

- Reorganized and expanded MTA documentation in the *iPlanet Messaging Server Administrator's Guide* and the *iPlanet Messaging Server Reference Manual.*

Messaging Server

The following list describes features carried forward into Messaging Server 5.2:

- Support for Class of Service.

- Merged provisioning model with Calendar Server and Enterprise Server, including support for virtual hosting.

- End-user customizable Delegated Administrator for Messaging and Collaboration.

- Support for Unified Messaging.

- Command-line utilities for user, group, and domain provisioning.

- Access control for IMAP, POP, SMTP, and Messenger Express (Webmail) services.

- Server side rules for inbound message filtering.

- Per domain postmaster support.

- Enhanced unsolicited bulk email (UBE) control features.

- Support for SMTP authentication and STARTTLS.

- Support for dynamic groups for mailing lists.

- Provisioning interfaces published so customers can integrate into their order entry system.

- HA integration with Veritas Cluster Server and Sun Cluster.

- Enhanced online backup and restore.

- Improved Message Store reliability and Message Store recovery tools.

- Single sign-on for Calendar Server, Messenger Express (Webmail), and user administration services.

- Extended high-availability with support for Sun Cluster 3.0.

- Platform support for HP-UX and Microsoft Windows NT.

- Enhanced internationalization and localization capabilities for European and Asian markets.

- SNMP monitoring capabilities for Solaris 8 platforms.

- Migration tools for migration to Messaging Server 5.1 from Netscape Messaging Server 4.15 and Sun Internet Mail Server (SIMS) 4.0.

- Revised and expanded documentation in the *Messaging Server Administrator's Guide*, *Provisioning Guide*, and *Schema Reference*.

Deprecated Features

The following features will be deprecated in this release and will be removed in future releases:

- Netscape Directory Server 4.x support

  Although Netscape Directory Server 4.x is still supported, you can configure iPlanet Directory Server 5.x support as of this release. Support for Netscape Directory Server 4.x will be dropped in the next release of Messaging Server. Note that the currently planned end of service life for Netscape Directory Server 4.16 is scheduled for January 24, 2003.

  See the *iPlanet Messaging Server Installation Guide* for more information on installing Messaging Server and Directory Server.

- The `imsimta dirsync` command

  The new MTA direct LDAP lookup feature will replace the `imsimta dirsync` command in the next major release. For more information on using the direct LDAP lookup feature, see the *iPlanet Messaging Server Administrator's Guide*.

- Sun Cluster 2.2 support

  If you currently use Sun Cluster 2.2, it is recommended that you use Sun Cluster 3.x. Support for Sun Cluster 2.2 will be removed in the next release of Messaging Server. For more information on Sun Cluster 3.x, see the *iPlanet Messaging Server Installation Guide*.

- Veritas Cluster Server 1.x support

  Veritas Cluster Server 1.x support is deprecated and will not be supported in the next release of Messaging Server.

- Multiple instances of Messaging Server that share the same *server-root* directory

  The ability to install multiple instances of Messaging Server in the same *server-root* directory is now deprecated. While you can still perform this function, it is not recommended that you continue doing so. Instead, multiple Messaging Server instances can be installed on the same disk and host, but they should be installed in separate *server-root* directories. In the next Messaging Server release, the ability to install multiple instances in the same *server-root* directory will be removed.

- Platform Support

  ❍ Solaris 2.6 support is deprecated as of this release and will be removed in the next major release.

  ❍ Windows NT support is deprecated as of this release. Support for Windows 2000 will be implemented in a future release.

Hardware and Software Requirements

Hardware Requirements

The minimum hardware requirements for iPlanet Messaging Server are:

- Approximately 1GB of disk space to support the product binaries and a minimum message store.

- 128MB of RAM.

- Adequate file system space for your user mailboxes (message store), database, log files, and message queue directory. These can grow in size dramatically depending on the size of your site, so be sure to allocate space accordingly.

NOTE	The actual 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 iPlanet representative.

Client Software Recommendations

For Messenger Express access, Messaging Server requires a JavaScript-enabled browser. For optimal performance, iPlanet recommends the following browsers listed in Table 1:

Table 1   Messaging Server 5.2 Client Software Recommendations

Browsers	Solaris 2.6 and Solaris 8	HP-UX 11.00	Windows NT, Windows 98, Windows 2000
Netscape™ Communicator	4.76	4.78	4.78
Internet Explorer	N/A	N/A	5.5 SP2 (Service Pack 2)

It is strongly recommended that you do not use Netscape Communicator 6.0 with iPlanet Delegated Administrator for Messaging and Collaboration 1.2.

Supported Platforms

iPlanet Messaging Server is supported on the following platforms:

*   Solaris 2.6 for SPARC with recommended patches (see Solaris)

*   Solaris 8 for SPARC with recommended patches (see Solaris)

*   HP-UX 11.0 with recommended patches (see HP-UX)

*   Microsoft Windows NT 4.0 SP6a (see Microsoft Windows NT 4.0)

NOTE	Solaris 7 is not a supported platform for iPlanet Messaging Server. However, it has been reported that the Solaris patch 106980-10 for Solaris 7 allows the MTA to properly function.

Solaris

The supported Solaris platforms require the following patches.

*   Solaris 2.6 for SPARC with patch 105591-09 or later versions (Shared library patch for C++) and 106613-01 or later versions (character set conversion) in addition to the recommended patches listed in the link below.

❍ If you install Messaging Server in the ja_JP.PCK locale, the `imadmin` command line utility will not work properly without the 106361-10 patch.

- Solaris 8 for SPARC with the recommended patches listed in the link below:

A list of recommended patches for Solaris 2.6 and Solaris 8 can be found at `http://access1.sun.com`.

Additionally, ensure that your Solaris setup specifies how to route to hosts that are not on the local subnet. To do this, ensure that:

- The `/etc/defaultrouter` file contains the IP address of the gateway system. This address must be on a local subnet.

- The `/etc/resolv.conf` file exists and contains the proper entries for reachable DNS servers and domain suffixes.

- The `/etc/nsswitch.conf` file includes the `dns` keyword in the `hosts:` line.

HP-UX

The HP-UX 11.0 platform requires the following operating system bundles and patches:

- XSWGR1100 (HP-UX 11.0 General Release Patches, September 2000)

- XSWHWCR1100 (HP-UX 11.0 Hardware Enablement and Critical Patches, September 2001)

- PHCO_21902 (`df(1M)` cumulative patch)

- PHCO_22314 (`libc` cumulative patch)

- PHCO_23499 (LVM commands cumulative patch)

- QPK1100 (HP-UX 11.00 Quality Pack, September 2001)

Note that switching the globalmutex back to native implementation can improve performance. To do so, use one of the following HP patches:

- 11.0 PHKL_23995

- 11i PHKL_24005

If you are running iPlanet Web Server on an HP-UX platform, you need to ensure that the following patches are installed on that machine. (See Product Hierarchy and Dependencies for more information on iPlanet Web Server.) Table 2 lists the required patches for the HP-UX 11.0 (800 series), and Table 3 lists the required patches for the HP-UX 11.0 (700 series):

Table 2   Required Patches on HP-UX 11.0 (800 series) for iPlanet Web Server

HP-UX 11.0 (800 series) Patches for iPlanet Web Server
QPK1100 Quality Pack for HP-UX 11.00, September 2001
XSWHWCR1100 HP-UX Hardware Enablement and Critical Patches, September 2001

Table 3   Required Patches on HP-UX 11.0 (700 Series) for iPlanet Web Server

HP-UX 11.0 (700 Series) Patches for iPlanet Web Server
B8110AA (Java 2 SDK for HP-UX (700/800), PA1.1 + PA2.0 Add On)
B8111AA (Java 2 RTE for HP-UX (700/800), PA1.1 + PA2.0 Add On)
B9098AA (Java 2 Plug-in for HP-UX (700/800))
HPUXEng32RT (English HP-UX 32-bit Runtime Environment)
UXCoreMedia (HP-UX Media Kit)
XSWGR1100 (HP-UX Extension Pack, May 1999)
XSWHWCR1100 (HP-UX Hardware Enablement and Critical Patches, September 2001)
QPK1100 (Quality Pack for HP-UX 11.00, September 2001)

To identify any existing patches on your system, use the `swlist` command. To install HP-UX patches, use the `swinstall` command. Refer to the HP documentation for more information.

A list of recommended patches for HP-UX 11.00 can be found at the following URL:
`http://us-support.external.hp.com/index.html`

Microsoft Windows NT 4.0

Windows NT 4.0 SP6a (Service Pack 6a) is supported.

Tuning Requirements

This section describes platform-specific tuning requirements that are necessary to run iPlanet Messaging Server 5.2, iPlanet Web Server, or iPlanet Delegated Administrator for Messaging and Collaboration.

HP-UX

Certain kernel parameters should be modified to optimize performance for the iPlanet Web Server. The following HP-UX series are described:

*   HP-UX 11.0 (800 series)

*   HP-UX 11.0 (700 series)

Use the HP sam (System Administration Manager) tool to modify and tune specific system parameters. For information on using sam tool, refer to the following link:
```
http://docs.hp.com/cgi-bin/fsearch/framedisplay?top=/hpux/onlinedocs/B2355-90701/
B2355-90701_top.html&con=/hpux/onlinedocs/B2355-90701/00/00/25-con.html&toc=/hpux
/onlinedocs/B2355-90701/00/00/25-toc.html&searchterms=sam&queryid=20020130-134720
```

HP-UX 11.0 (800 series)

*   The following values should serve as a baseline for kernel tuning; these values might need to be modified depending on your configuration:

Table 4   HP-UX 11.0 (800 series) Tuning Guidelines

Parameter	Value
maxfiles	2048
maxfiles_lim	2048
max_thread_proc	3000
maxusers	32
nkthread	6000
nproc	276

HP-UX 11.0 (700 series)

• In order for iPlanet Web Server 6.0 to properly work on your HP-UX machine, you will need to determine the PA-RISC chip version of your HP-UX machine. If your PA-RISC chip is 2.0, you do not need to make any modifications to the configuration. However, if the PA-RISC chip is not version 2.0, you need to modify the *webserver-root*/https-admserv/start-jvm file. In the NSES_JRE_RUNTIME_LIBPATH, change each occurrence of PA_RISC2.0 to PA_RISC.

• The following values should serve as a baseline for kernel tuning; these values might need to be modified depending on your configuration:

Table 5   HP-UX 11.0 (700 series) Tuning Guidelines

Parameter	Value
maxfiles	2048
maxfiles_lim	2048
max_thread_proc	3000
maxusers	32
nkthread	6000
nproc	276

Product Hierarchy and Dependencies

iPlanet Messaging Server 5.2 requires the following:

• Netscape Administration Server 4.2.

- Netscape Directory Server 4.16 or iPlanet Directory Server 5.1. (For more information, see the *iPlanet Messaging Server Installation Guide.*)

NOTE	If you are starting a new deployment of Messaging Server, it is recommended that you install it with iPlanet Directory Server 5.1. Support for Netscape Directory Server 4.16 is deprecated as of this release. Support for Netscape Directory Server 4.x will be dropped in the next release of Messaging Server. Note that the currently planned end of service life for Netscape Directory Server 4.16 is scheduled for January 24, 2003.
	For existing Messaging Server deployments, you can install Messaging Server with Netscape Directory Server 4.16. Since you already have an existing 4.1x Directory Server installation, you must first run the `ims_dssetup` utility to prepare the directory before you install Messaging Server.
	If you install both iPlanet Messaging Server and Directory Server on the same machine and at the same time (for example, in the case of an evaluation installation), you can install Netscape Directory Server 4.16 during the Messaging Server installation process.
	If you use counter plug-ins, you should install Messaging Server with Netscape Directory Server 4.16. If you use the Class of Service (CoS) feature and iPlanet Directory Server 5.1, there are some compatibility limitations (see bug 4635892 in the iPlanet Delegated Administrator for Messaging and Collaboration section).
	Note that an HA agent does not exist for iPlanet Directory Server; therefore, you cannot use high availability with iPlanet Directory Server 5.1. Instead, you can use other solutions, such as directory replication. For more information on alternate availability solutions, see the *iPlanet Directory Server Deployment Guide.*

- iPlanet Delegated Administrator for Messaging and Collaboration 1.2, which requires iPlanet Web Server Enterprise Edition 6.0 SP 2 (Service Pack 2).

  For iPlanet Web Server, it is strongly recommended that you review the iPlanet Web Server 6.0 SP2 release notes to determine any required operating system patches:
  `http://docs.iplanet.com/docs/manuals/enterprise.html`

You cannot upgrade the iPlanet Delegated Administrator from older versions of the product. Instead, you need to uninstall the previous version of iPlanet Delegated Administrator and install the version that are bundled with the new Messaging Server version that you are installing.

These products are all included on the Messaging Server CD at the download site at `http://www.iplanet.com/downloads/download/`.

| **CAUTION** | **iPlanet does not recommend using the Administration Console for user and group provisioning. The recommended user, group, and domain provisioning tool for Messaging Server is iPlanet Delegated Administrator for Messaging and Collaboration and the imadmin CLI tool**. |

Fixed Bugs

This section describes the major bugs that were fixed in the Messaging Server 5.2 release:

Table 6   iPlanet Messaging Server 5.2 Fixed Bugs

Bug Number	Description	Status
4519866	Modifications were made to Messenger Express for integration with the iPlanet Portal Server.	Fixed
4523668	In certain scenarios, the `imsimta dirsync` process was unresponsive.	Fixed
4527385	On Pentium PC and Pentium Xeon machines, the SMTP service would not start on a Windows NT platform. You would receive the following error message: System error 1067.	Fixed
4528649	In Messenger Express, images for emoticons do not show up when the message is read in another client browser.	Fixed For details on enabling emoticons, see the section on updates to: Messenger Express Customization Guide.

Table 6 iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4535457	HTML attachments received in a different character set than that being used by the browser displayed incorrectly.	Fixed
4535895	In the Personal Address Book, you could not clear the contents of a field.	Fixed
4535991	Messenger Express did not acknowledge the `configutil store.quotawarn` parameter.	Fixed
4537570	Using Messenger Express, the vacation message after the ":" got truncated.	Fixed
4540398	Changes to the preferred language setting did not take effect immediately.	Fixed
4542296	Messenger Express did not allow you to edit a recipient name once it was entered; you had to delete and retype the entire entry.	Fixed
4546261	In Messenger Express, you were unable to login if your userID contained single quotes.	Fixed
4546908	In iPlanet Delegated Administrator for Messaging and Collaboration, domain customization using the `domain.map` file did not work.	Fixed
4547050	`ReplayFormat` and `ProxyAuth` configuration options were ignored if the `mailAllowedServiceAccess` attribute was set on a user entry.	Fixed
4547171	Setting a mailing list to 'hidden' did not prevent it from being viewed in the Personal Address Book.	Fixed
4547268	MMP's implementation of PLAIN SASL (RFC 2595) did not correctly support proxy authentication. This implementation is useful for unified messaging systems.	Fixed
4547338	The `imadmin user modify` command could not change the `userpassword` attribute.	Fixed
4547342	When a partial line was read, a CPU-consuming loop occurred in POP, IMAP, and MMP servers.	Fixed
4547375	Needed support for `mailDeferProcessing` attribute.	Fixed
4547390	If the same IP address makes frequent connections over a short period of time, MMP would not function properly.	Fixed

Table 6 iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4547494	On a Windows NT platform, messages destined for a nonexistent host were not immediately rejected, but instead remained in the send queue for several days before being rejected.	Fixed
4547649	Could not create an aging policy by using the `configutil` command.	Fixed
4547684	The command-line interface configuration was not read when a custom configuration suffix was used to install iPlanet Delegated Administrator for Messaging and Collaboration.	Fixed
4547715	If the suffix did not already exist in the Directory Server, iPlanet Delegated Administrator for Messaging and Collaboration did not create a configuration suffix.	Fixed
4547972	In Messenger Express, if an attachment's file name contained `%20`, the `%20` was converted to a blank space. On Internet Explorer browsers only.	Fixed
4548014	On Windows NT platforms, some `qmadmin` commands did not properly function.	Fixed
4548228	The SMTP client and server were enhanced to work around a problem that could cause SMTP connections to be aborted when receiving large messages.	Fixed
4548271	The upgrade option in the Messaging Server installer changed the Messenger Express port.	Fixed
4548279	When the long `LdapURL` was used, gibberish characters would appear in the log file.	Fixed
4548330	The Messaging Server installer failed to create a unique "Messaging End UserAdministrator" if there was more than one installation against a single Directory server.	Fixed See Installation and Uninstallation for additional information on this bug.
4548338	Using the `-f` option on the `sendmail` line did not cause any response.	Fixed
4548456	The `mailDeliveryFileURL` parameter to archive a mailing list message did not function.	Fixed

Table 6 iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4548498	If you install a second messaging server instance using the same directory server, users who are trying to authenticate to the first messaging installation server were denied access.	Fixed
4549531	If you added an external moderator to a mailing list, the moderator file would be empty.	Fixed
4549660	Delivery Notification messages were not delivered to domain Postmaster.	Fixed
4549711	If the sender's return address was too long, the `imsimta run autoreply` command would crash.	Fixed
4549788	After migrating to iPlanet Messaging Server from Netscape Messaging Server 4.15, the Personal Address Book users and group names were changed to numbers.	Fixed
4549871	The "clean" script did not stop the Administration server.	Fixed
4551873	MMP stopped responding when SSL/TLS was used under high load.	Fixed
4550021	in iPlanet Delegated Administrator for Messaging and Collaboration, the domain's allowed service access was not being properly displayed.	Fixed
4550150	Any `imadmin` command that used the `-i` option (for bulk loading) did not work.	Fixed
4550192	The Sun Cluster 2.2 High Availability agent did not require `tcpclnt`.	Fixed
4550394	Using the `inetDomainSearchFilter: uid=%U@%V` caused problems with Messaging Server services.	Fixed
4550574	Messenger Express was unable to check for uniqueness when creating new folders in Japanese and Chinese versions.	Fixed
4551230	Messenger Express stopped authenticating connections when pointed to iPlanet Directory Access Router server.	Fixed
4551606	Messages from an unauthorized address to certain mailing lists caused a loop in a TCP_SMTP server.	Fixed
4551874	In iPlanet Delegated Administrator for Messaging and Collaboration, the mail filter names were not localizable.	Fixed
4551951	If the DC tree is nested, the Messaging Server processes consumed 100% of the CPU during user login.	Fixed

Table 6 iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4552174	The Delegated Administrator searched the incorrect DC suffix.	Fixed
4552376	If you inadvertently configure the `imta.cnf` file to use a job pool not described in the `job_controller.cnf` file, a message is now logged in the Job Controller log file indicating a problem.	Fixed
4552454	A truncated `store.idx` file caused problems with the `popd` service.	Fixed
4552588	In Planet Delegated Administrator for Messaging and Collaboration, dashes and parentheses could not be entered into any phone field.	Fixed
4552975	MMP used the wrong schema attribute for access control filters. If you were using the old `mailAccessDomain` attribute in your deployment, you can keep the older behavior by explicitly setting `default:TCPAccessAttr` to `mailAccessDomain`. See also bug 4552976.	Fixed
4552976	MMP used the wrong daemon name in access control filters. The MMP used the service names: `popmmp`, `spopmmp`, `imapmmp` and `simapmmp` for POP, SSL+POP, IMAP and SSL+IMAP respectively. The correct names as documented in the *iPlanet Schema Reference Guide* are `pop`, `pops`, `imap`, and `imaps`.	Fixed
4554539	The `MoveUser` utility failed with replica hosts. Needed the ability to specify a destination server in a replication environment so that after the `moveuser` command updated the LDAP entry, the destination server was aware of the update. Otherwise, the `moveuser` command would fail with "Mailbox does not exist" errors.	Fixed
4554830	In order to run the `imsdirmig` and `imsdaaci` commands on Windows NT, you had to copy the DLL files `libyasr.dll` and `nsldap32v40.dll` from *server-root*\bin\msg\lib to the directory where these commands are located: *server-root*\bin\msg\migrate\bin.	Fixed
4554958	When running the `imsdirmig` migration tool, the -l option did not work.	Fixed
4554984	The `imsdirmig` migration tool failed to process the Netscape Messaging Server Postmaster entry.	Fixed
4555096	The Delegated Administrator command-line interface gave a error when enabled with SSL.	Fixed

Table 6 iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4555129	On HP-UX 11.0, additional configuration steps were needed in order to turn on SSL from `imadmin` to iPlanet Web Server.	Fixed
4555165	On Windows NT, the Job Controller and Dispatcher never created log files even when configured to do so. They have been changed so that they now honor the debug parameters in `job_controller.cnf` and `dispatcher.cnf` files.	Fixed
4555280	The `imadmin purge` command did not remove the user's Personal Address Book entries.	Fixed
4555620	When an external user sent a message to a subaddress by using the following address format: `user+subfolder@domain.com`, the `+subfolder` was stripped. Consequently, mail destined for a shared folder (based on `fileinto` or shared folder rules) was incorrectly delivered to the `INBOX` instead. For example, the subaddress of `benny+forum@sesta.com` was filed in Benny's `INBOX` instead of the `forum` subfolder.	Fixed
4555895	The autoreply Option file's RESEND_TIMEOUT option did not work.	Fixed
4556184	Users in domain organization within a hosted domain were unable to login.	Fixed
4556364, 4556455	MMP could not appropriately handle LDAP server failures.	Fixed
4556840	If SSL was used by a client when connecting to the MMP and the `SSLBacksidePort` option was not set, the MMP would still use SSL when connecting to a back-end server.	Fixed
4557739	iPlanet Delegated Administrator for Messaging and Collaboration install broke the merged schema support.	Fixed. See 4547375.
4558397	Users without a localized user interface could not create or edit vacation messages in their language when using the default language user interface.	Fixed
4558613	If an authorized sender was an external member of a mailing list, he could not send messages to that list.	Fixed
4561852	On Solaris platforms, the Job Controller sometimes unexpectedly exited if a big backlog existed.	Fixed

Table 6   iPlanet Messaging Server 5.2 Fixed Bugs *(Continued)*

Bug Number	Description	Status
4559903	(For UNIX only) The MMP had a hardcoded limit of 32768 file descriptors which would prevent more than 16384 open authenticated proxy connections. The MMP will now use the OS provided hard limit on file descriptors if it is greater than 32768.	Fixed
4559935	The Administration Console `.jar` files did not get updated during an Messaging Server upgrades.	Fixed
4559946	The Messaging Server upgrade process overwrote the `job_controller.cnf` and `dispatcher.cnf` files. For more information on the upgrade process, see the *iPlanet Messaging Server Installation Guide*.	Fixed
4560035	SMTP did not support SSL client certificate authentication.	Fixed
4562609	In some HA environments, the upgrade process would fail.	Fixed.
4562655	If you installed two separate installations of Messaging Server that use a common Users and Groups Directory Server, Installer failed to add the `msg-admin-xxx` account to Messaging End User Administrator group.	Fixed
4565800	On Windows NT, the JSS library was not correctly installed.	Fixed
4568384	If a Service Administrators group already existed, adding a second Messaging Server failed to add its own service administrator into the group.	Fixed
4574052	The default provided by `ims_dssetup` script, `o=internet`, had to be accepted by the user. For more information on the `ims_dssetup.pl` script, see the *iPlanet Messaging Server Installation Guide*.	Fixed
4577147	If you used a replicated user and group directory server, Messaging Server installation failed.	Fixed
4578747	If you used the `store.expirerule.name.foldername.` `folderpattern` attribute, you could unintentionally delete messages.	Fixed
4616156	If a file was manually deleted from a message delivery queue there was a possibility that the delivery process would repeatedly attempt to deliver the (now deleted) message. These attempts would be 10 seconds apart.	Fixed

Known Problems, Limitations, and Considerations

The following sections describe known problems, limitations, and considerations of iPlanet Messaging Server and its components. This section contains the following sub-sections:

- Installation and Uninstallation
- Migration
- Upgrade
- iPlanet Messaging Server
- iPlanet Delegated Administrator for Messaging and Collaboration
- iPlanet Messenger Express

Installation and Uninstallation

The following are known problems, issues, and considerations with the Messaging Server installation and uninstallation.

NOTE	Except for the Directory Server, the servers are not started by the installer as of iPlanet Messaging Server 5.1.

- **On Windows NT, if you want Messaging Server and the Messaging Multiplexor (MMP) component on the same machine, you must install them at the same time.** (4538016)
- **The ims_dssetup.pl script requires the version of Perl found in the server-root install directory.** (4538055)
- **On Windows NT, installation of only the Messaging Multiplexor (MMP) component fails if the iPlanet Messaging Server component is not unchecked first**. (4538240)

  If you want to install only MMP, follow the steps listed below to select MMP; otherwise the installation will fail:

  a. First uncheck the iPlanet Messaging Server component in the Components to Install screen.

  b. Click the Change... button.

  c. Select iPlanet Messaging Multiplexor in the Subcomponents to Install screen.

- **If you are using an existing configuration directory, the user/group directory is determined from it.** (4538276)

- **On UNIX and on Windows NT, during a custom installation, if you specify a custom mail store, you must create the directory manually after installation.** (4538305)

  On UNIX platforms, the directory should be owned by the iPlanet Messaging Server user and group, and have permissions 750.

- **In Sun Cluster 2.2 and Veritas Cluster Server 1.1 environments, uninstalling iPlanet Messaging Server fails.** (4538376)

  If you are using Sun Cluster 2.2 or Veritas Cluster Server 1.1, you must uninstall Messaging Server manually.

CAUTION   Be aware that the following procedure will uninstall all components including the message store.

---

  a. Stop all services.

  b. Delete the *server-root* directory.

  c. Rename the `/etc/msgregistry.inf` file. (It is recommended that you move (rename) this file; do not delete it.).

- **When installing Messaging Server on a Windows platform, you must also install the Administration Server components.** (4537320)

  While the Installer program does not require you install the Administration Server component on the Windows NT version, it is mandatory for successful Messaging Server installation.

- **You must install Messaging Server into an empty or non-existent directory.** (4540131, 4543405)

  You must install Messaging Server in an empty directory or a directory that does not already exist. This directory cannot contain any subdirectories that serve as mount points. After you complete the Messaging Server installation, you can create mount points as desired.

  Moreover, after uninstalling iPlanet Messaging Server, if you use the same *server-root* directory that was previously uninstalled, you might get an error during re-installation. You will need to use a new *server-root* directory when performing the re-installation.

- **On Windows NT, when the Server Firewall screen appears during an installation, the Enter key does not function.** (4540156)

  Click the Next button instead of using the Enter key.

- **During uninstallation, /usr/lib/sendmail link is not restored.** (4540185)

  During the uninstallation process, the `sendmail` program is not restored because it is renamed as `sendmail.bk` during the original installation process. To restore `sendmail`, after running the installation program, rename `sendmail.bk` to `sendmail`.

- **During an express installation, the installer chooses a random administration port**. (4540494)

  When installing Messaging Server, you should write down the administration port number you specify to the installer. You will need to know this port number to use the Administration Console. During an express installation, you are not prompted for an administration port number; instead, the installer chooses a random port number. When you start Console, you will be asked for the administration port number chosen during installation. If you do not know the port number, it is recorded in the following file: *server-root*`/admin-serv/config/adm.conf.`

- **On HP-UX platforms, the Messaging Server installation will intermittently fail if you select option 1 (to indicate you are using a Smart Host) on the Smart Host option installation screen.** (4541640)

  Work-around: Explicitly specify the Smart Host name and press Return.

- **Installing the Message Transfer Agent (MTA) as a relay requires installation of the message store.** (4542767, 4575870)

  You can disable the store after installation.

- **On a Windows platform, installation paths that contain spaces are not supported.** (4547759)

  For example, the following installation path would not work:
  `C:\Program Files\iPlanet\Server5`

  In this example, there is a space between `Program Files`, therefore there will be installation problems if this *server-root* directory path is used.

- **After installing the second messaging server instance, the ACI is missing.** (4548498)

  The Messaging End User Administrators Group has been moved to the organization tree root. During an upgrade from any previous version of Messaging Server to Messaging Server 5.2, the old group will remain with the default domain. However, all related ACIs will properly reference the new group in the organization tree root during the upgrade. While it will not affect any operation, it is highly recommended you manually remove the old group to avoid confusion.

- **Installation fails when BaseDN contains spaces.** (4557494)

  If you install Messaging Server and Directory Server together, and if you specify a suffix that has spaces in it, you must make the following modifications under the DN after installation:

  ❍ Modify the `nsdirectoryurl` attribute to show the correct suffix. For example, if your suffix is `my varrius.com`, then `nsdirectoryurl` would initially read:
  `ldap://sesta.siroe.com:389/o=my`
  You should then change the `nsdirectoryurl` attribute to:
  `ldap://sesta.siroe.com:389/o=my varrius.com`

  ❍ Modify the attribute `nsdirectoryfailoverlist` by setting it to a blank value.

- **Sun Cluster 2.2 does not properly determine the mount point of the file system where Messaging Server resides.** (4558563)

  Due to limitations in the iPlanet Messaging Server Sun Cluster 2.2 agent, Messaging Server must be installed at a predetermined mount point, as determined by the `$LOGICAL_HOSTNAME` environment variable.

- **If Messaging Server is installed with iPlanet Directory Server 5.x, you must use two consoles to manage both servers.** (4560710)

  If you use the Console interface to manage your servers, you will have a console to manage iPlanet Directory Server 5.x and a console to manage iPlanet Messaging Server 5.2. To manage iPlanet Directory Server 5.x, run `startconsole` from the directory server *server-root* to invoke iPlanet 5.0 Console. To manage iPlanet Messaging Server 5.2, run the `startconsole` command

from the messaging server *server-root*. Running this command will invoke Netscape 4.2 Console. Note which console corresponds to which server. You should only manage iPlanet Messaging Server 5.2 through Netscape Console 4.2, and you should only manage iPlanet Directory Server 5.x through iPlanet Console 5.0.

• **Upon a successful installation, error messages are still found in the installation log.** (4576422)

   Occasionally, upon successful installation, error messages might be found in the installation log.

   On UNIX, a successful installation ends with the following message: "Go to *server-root* and enter start console to begin managing your servers." In this message, *server-root* is the absolute directory path where you chose to install the messaging server, for example: `/usr/iplanet/server5`.

   On Windows NT, a successful installation ends with a prompt asking if the user wants to view the README file or reboot the system.

• **In a Veritas Cluster environment, a Directory Server installed with Messaging Server is not a supported HA service.** (4616151)

   Currently, the Veritas Cluster framework does not have an HA agent for the Directory server; therefore, the Directory Server will not run as an HA service.

• **During installation, the default domain should not be the same name as the MTA host name.** (4627536)

   When installing Messaging Server on a computer, do not specify a default domain that is the same as the computer's fully qualified domain name.

• **The default location for the store.dbtmpdir should point to a /tmp directory on Solaris platforms**. (4633090)

   The mailbox list database temporary directory (defined by the `store.dbtmpdir configutil` parameter) is heavily accessed. At installation time, the value of this parameter is not defined and defaults to a subdirectory in the *server-root*. If the disks that house the `mboxlist` database temporary directory are not fast enough at very large sites, performance problems might occur.

   As part of your performance and tuning steps, you should define a value for this parameter.

Migration

This section describes known problems, limitations, and considerations when migrating from earlier versions of Messaging Server.

- **Migration from Sun Internet Mail Server does not reset the default host used for provisioning.** (no bugid)

  After adding iPlanet Delegated Administrator for Messaging and Collaboration support, the old Sun Internet Mail Server still appears in certain situations through the iPlanet Delegated Administrator user interface. For example, on the Domain Mail Properties page, creating a user and enabling the mail service for that user will list the old Sun Internet Mail Server mail host. This behavior occurs because migrating from the Sun Internet Mail Server domain preserves the `preferredMailHost` domain attribute. To fix the problem, change this attribute value to point to the correct mail server.

- **After a migration from SIMS, complications arise when UID attributes in LDAP include uppercase characters.** (no bugid)

  If a user's `uid` attribute in LDAP contains any upper case characters (for example, the uppercase K in Kolander) after a migration has occurred from SIMS to iPlanet Messaging Server, the user will not be able to access the migrated mailbox.

  SIMS stores all mailbox names in lowercase characters, but iPlanet Messaging Server does not. Moreover, SIMS converts LDAP `uid` attributes to lowercase characters before it searches its message store for a mailbox name that matches that `uid`; again, iPlanet Messaging Server does not. During a migration, SIMS mailboxes are restored to iPlanet Messaging Server. In this situation, because the mailboxes were migrated from SIMS, they are all in lowercase characters. Since iPlanet Messaging Server does not convert LDAP `uid` attributes to lowercase, `uid` attributes that contain uppercase characters will not match the names of the migrated mailboxes. Mail users with `uid` attributes containing uppercase characters will not be able to access their mailboxes.

  To fix this problem, administrators have two options.

  a. In most situations, this is the preferred option. During migration, instead of using the default `imsrestore` command line utility, use `imsrestore` with the rename option, `-u`. Identify which characters in a user's mailbox name (the characters will all be in lowercase) need to be changed to uppercase in order to match the user's `uid` in LDAP and change them to uppercase. The following is an example of the command:

  ```
  imsrestore -u filename
  ```

  where `filename` is the name of a file that contains an entry such as the following:

  ```
  kolander = Kolander
  ```

  Notice, when using the rename option, DO NOT change the case of the domain portion of the user ID, for example `sesta.com`. It must remain in lowercase or the mailbox name will not be recognized when a user logs in.

  Refer to the *iPlanet Messaging Server Reference Manual* for more information on renaming users with `imsrestore`.

b. Change LDAP `uid` attributes to all lowercase characters. However, for many sites LDAP is required for several different applications and changing the `uid` attribute could negatively affect those other applications.

- **When migrating directory entries from Netscape Messaging Server 4.x, an LDAP filter must be specified.** (4554984)

  When migrating directory entries from Netscape Messaging Server 4.x, specify an LDAP filter— using the `-F` argument to `imsdirmig`— that excludes the existing Netscape Messaging Server's postmaster entry. An example of such a filter is `-F "(!(cn=postmaster))"`. This filter will exclude the postmaster entry from the migration processing. If such a filter is not specified, `imsdirmig` fails to process the entry and exits on the resulting error, unless `-c` is specified to force `imsdirmig` to continue processing after it encounters an error.

- **Migrating Personal Address Book (PAB) entries from Netscape Messaging Server 4.15 to iPlanet Messaging Server 5.2 requires the following steps:** (4557878)

  a. When enabling multi-schema support, comment out `ns-pab-schema.conf` in the `ns-schema.conf` file.

  b. After you run the `ims_dssetup` utility, you must regenerate the index for the following attributes on the directory server that holds the PAB entries:

     I. `memberOfPAB` [index type pres,eq]

     II. `memberOfPABGroup` [index type pres,eq]

     For information about running the `ims_dssetup` utility, see the *iPlanet Messaging Server Migration Guide*, Chapter 3, section titled "Migrating from a Single-Server Netscape Messaging Server System," sub-section titled "Migration Procedures," step 3.

     For information about regenerating the index for the above attributes, refer to the iPlanet Directory Server documentation at:
     `http://docs.iplanet.com/docs/manuals/directory/41/admin/`
     `index1.htm#1008974`

  c. After you install iPlanet Messaging Server, you will need to turn on the PAB migration as follows: `configutil -o local.service.pab.migrate415 -v on`

     For information about installing the server, see the *iPlanet Messaging Server Migration Guide*, Chapter 3, section titled "Migrating from a Single-Server Netscape Messaging Server System," sub-section titled "Migration Procedures," step 7.

- **The imsrestore command fails when restoring backed up SIMS 3.5 data that contains both uppercase and lowercase user names.** (4631123)

There is an inconsistency in the way the SIMS 3.5 server handles uppercase user names. Consequently, the backup file contains a mix of uppercase and lowercase user names. The `imsrestore` command will not restore the user when the user name in the catalog does not match the folder.

Upgrade

This section describes known problems, limitations, and considerations when upgrading iPlanet Messaging Server.

*   **During the upgrade process, any customizations made to the Messenger Express user interface are lost.** (no bugid)

    The upgrade process now backs up the files in the *server-root*/msg-*instance*/html directory and saves them in the *server-root*/msg-*instance*/backup.*timestamp* where *timestamp* indicates the time at which the installation took place.

*   **During the upgrade process, you are unnecessarily prompted for information about iPlanet Delegated Administrator for Messaging and Collaboration.** (4538472)

    The user is prompted by three separate screens, one prompt per screen. The three items that the user is prompted for are: the host name of the iPlanet Delegated Administrator for Messaging and Collaboration (a fully qualified host name), the Web Server port, and the default domain. Though the prompted information is not needed by the server, the simplest work-around is to provide the requested information as demonstrated by the following example:

    Host Name of the server: `ims.india.sesta.com`
    Port number of the server: `80`
    Default Domain: `india.sesta.com`

*   **Upgrading to Messaging Server 5.2 with Sun Cluster 3.x requires additional steps.** (4547718)

    If you want to upgrade to iPlanet Messaging Server 5.2 and you have installed Sun Cluster 3.0, Sun Cluster 3.0 Update 1, or Sun Cluster 3.0 Update 2 with a previous version of iPlanet Messaging Server, you should first upgrade the Messaging Server installation. See the Upgrade appendix in the *iPlanet Messaging Server Installation Guide*.

    After completing the Messaging Server installation, you need to install the SUNWscims package (from the Messaging Server 5.2 CDROM) on each cluster node. For more information, see the HA installation chapter (specifically the section on Sun Cluster 3.0 U1 and U2 Agent Installation) in the *iPlanet Messaging Server Installation Guide*. This process will upgrade your Messaging Server HA Agent.

*   **mboxutil and reconstruct should keep the mboxlist partition and mailMessageStore attribute current.** (4547986)

If you are upgrading from a previous version of iPlanet Messaging Server, you will have to make changes to two existing ACIs in the user and group LDAP directory server.

The Organization Tree base suffix and the Domain Component Tree base suffix have an ACI that grants the end user administrator account write-access to certain user attributes. Attribute `mailMessageStore` must be added to the existing ACI.

The ACIs are on the root nodes of the Organization and Domain Component trees. The ACIs to be modified have the name `Messaging Server End User Adminstrator Write Access Rights - product=ims5.0,class=installer,num=101,version=1`.

The best way to modify the ACIs in question is by using the Directory Server Console.

- **Because the imsimta cleanup utility does not work on an Windows NT platform, upgrading from Messaging Server 5.1 to 5.2 on a Windows NT platform results in hung MTA processes.** (4634975)

  Prior to upgrading to Messaging Server 5.2, stop the Messaging Server processes (by using `stop-msg.bat`) and manually delete the `*.share` files in the *server-root*`\msg-`*instance*`\imta\tmp` directory. You can also delete the `*.share` files after the upgrade, however, to avoid hung processes at that point, you might need to reboot your system prior to deleting the files.

- **Some MTA configuration file settings are not present after upgrade.** (4638109)

  Since the configuration files from the previous version of Messaging Server are backed up and used during the upgrade process, the "factory default" settings of the Messaging Server 5.2 MTA configuration files are not incorporated in the upgrade. Consequently, the configuration files will not pick up any new changes after the upgrade process.

  The following procedures outline two methods for incorporating any customizations from your previous version of the MTA configuration files and the new settings in the Messaging Server 5.2 configuration files:

  Method 1: To Add New Settings to the Previous Version of the MTA Configuration Files.

  a. Upgrade to Messaging Server 5.2. See the *iPlanet Messaging Server Installation Guide* for upgrade instructions.

  b. Add the following settings to the following configuration files:

  I. In the `imta.cnf` file, add `notices 1 7 14 21 28` after `subdirs 20` but before `backoff` in the `ims-ms` channel.

  For example:

```
ims-ms defragment subdirs 20 notices 1 7 14 21 28 backoff "pt5m"
"pt10m" "pt30m" "pt1h" "pt2h" "pt4h" maxjobs 1 pool IMS_POOL
fileinto $U+$S@$D filter ssrd:$A
```

II. In the `mappings` file, append the following line to the end of the file:

```
<IMTA_TABLE:mappings.locale
```

III. In the `aliases` file, the default aliases have changed to the following entries

For UNIX platforms:

```
root@default_domain: postmaster
root@localhost: postmaster
postmaster@localhost: postmaster
```

For Windows NT platforms:

```
postmaster@localhost: postmaster
```

Replace *default_domain* with your default mail domain and *localhost* with the host name where Messaging Server is installed.

IV. In the `option.dat` file, remove the following line:

```
QUEUE_CACHE_MODE=2
```

Method 2: To Add Your Customized Settings from the Previous Version of the MTA Configuration Files to the Messaging Server 5.2 Version of the Configuration Files.

CAUTION The following procedure will overwrite the following MTA configuration files:
`imta.cnf, mappings, aliases, option.dat, native_option,` `and channel.cat`

Be sure to backup these files prior to running this procedure.
Note that the upgrade creates a backup of the
server-root/msg-*instance*/imta/config directory.

---

a. For UNIX operating systems, follow these steps:

I. Upgrade to Messaging Server 5.2. See the *iPlanet Messaging Server Installation Guide* for upgrade instructions.

II. Go to the following directory *server-root*/msg-*instance*/imta/config

III. Create a directory named `orig`.

IV. Move the `imta.cnf`, `mappings`, `aliases`, `option.dat`, `native_option`, and `channel.cat` files to the `orig` directory.

V. Remove the `imta.cnf`, `mappings`, `aliases`, `option.dat`, `native_option`, and `channel.cat` files from the *server-root*/msg-*instance*/imta/config directory.

VI. Run the `jre -cp` command from the end of the *server-root*/setup/msg/iplanet-msg-install.log file. This JRE command will run the `imtaconfig.jar` file.

This command also indicates the `cmdpath` (the path to the JRE command and should be prepended to the `jre -cp` command) and the `runpath` (directory in which to run the command).

If the *server-root*/msg-*instance*/iplanet-msg-install.log file has the following entry:

```
MESSAGE: running command
  jre -cp
"/usr/iplanet/server5/bin/msg/imta/classes/imtaconfig.jar"
com.iplanet.msg.imta.config.InitConfig -v -d west.siroe.com -r
west.siroe.com -h ketu.west.siroe.com -c
/usr/iplanet/server5/msg-ketu/imta/config
  cmdpath: /usr/iplanet/server5/bin/base/jre/bin
  runpath: /usr/iplanet/server5/msg-ketu/imta/config
```

Then, the following example describes how to execute the `jre -cp` command:

```
# mkdir orig
# mv imta.cnf mappings aliases option.dat native_option
channel.cat orig
# cd /usr/iplanet/server5/msg-ketu/imta/config
# /usr/iplanet/server5/bin/base/jre/bin/jre -cp \
"/usr/iplanet/server5/bin/msg/imta/classes/imtaconfig.jar" \
com.iplanet.msg.imta.config.InitConfig -v -d west.siroe.com \
-r west.siroe.com -h ketu.west.siroe.com -c \
/usr/iplanet/server5/msg-ketu/imta/config
```

The JRE command will append its output to the `imtaconfig.log` file.

VII. Run the following commands for the new configuration to take effect:

```
# cd server-root/msg-instance
# ./imsimta cnbuild
# ./imsimta refresh
```

b. For Windows NT operating systems, follow these steps:

I. Upgrade to Messaging Server 5.2. See the *iPlanet Messaging Server Installation Guide* for upgrade instructions.

II. Go to the following directory *server-root*\msg-*instance*\imta\config

III. Create a directory named `orig`.

IV. Move the `imta.cnf`, `mappings`, `aliases`, `option.dat`, and `channel.cat` files to the `orig` directory.

V. Remove the `imta.cnf`, `mappings`, `aliases`, `option.dat`, and `channel.cat` files from the *server-root*\msg-*instance*\imta\config directory.

VI. Run the `jre -cp` command from the tail of `c:\temp\iplanet-msg-install.log`. This JRE command will run the `imtaconfig.jar` file.

This command also indicates the `cmdpath` (the path to the JRE command and should be prepended to the `jre -cp` command) and the `runpath` (directory in which to run the command).

If the `c:\temp\iplanet-msg-install.log` file has the following entry:

```
MESSAGE: running command
  jre -nojit -cp
"C:\iPlanet\Server5\bin\msg\imta\classes\imtaconfig.jar"
com.iplanet.msg.imta.config.InitConfig -d west.siroe.com -r
west.siroe.com -h ketu.west.siroe.com -c
C:\iPlanet\Server5\msg-ketu\imta\config -N
  cmdpath: C:\iPlanet\Server5\bin\base\jre\bin
  runpath: C:\iPlanet\Server5\msg-ketu\imta\config
```

Then, the following example describes how to execute the `jre -cp` command:

```
C:\iPlanet\Server5\bin\base\jre\bin\jre -nojit -cp
"C:\iPlanet\Server5\bin\msg\imta\classes\imtaconfig.jar"
com.iplanet.msg.imta.config.InitConfig -d west.siroe.com -r
west.siroe.com -h ketu.west.siroe.com -c
C:\iPlanet\Server5\msg-ketu\imta\config -N
```

The JRE command will append its output to the `imtaconfig.log` file.

VII. Run the following commands for the new configuration to take effect:

```
cd server-root\msg-instance
imsimta cnbuild
imsimta refresh
```

- **The ENS service on Windows NT platforms is not set for automatic startup after an upgrade.** (4638111)

  By default, the ENS service is set for manual startup in Messaging Server 5.1. However, in Messaging Server 5.2, the ENS service performs an automatic startup on reboot. After upgrading to Messaging Server 5.2, the setting does not change from manual to automatic.

  Work-around: The following steps will change the default setting of the ENS Service from manual to automatic startup.

  a. After the upgrade, select Services from the Control Panel.

  b. Select the iPlanet ENS service.

  c. Click Startup.

  d. Change Start Type from Manual to Automatic.

  e. Click OK.

  If you start the ENS service prior to upgrade, you must manually shut it down, or else the upgrade will fail with a message stating the `msglinks.nt.inf` could not be run. The `iplanet-msg-install.log` will indicate that the file `libchartable.dll` cannot be removed.

iPlanet Messaging Server

This section describes known problems, limitations, and considerations with iPlanet Messaging Server.

- **The following characters cannot be used in the User ID:**
  $ ~ = # * + % ! @ , { } ( ) / < > ; : " ' [ ] & ? (no bugid)

  This constraint is enforced by iPlanet Delegated Administrator for Messaging and Collaboration as well as the MTA when operating in direct LDAP mode. Allowing these characters in the User ID can cause problems in the message store. If you want to change the list of characters forbidden by the MTA, set the following option by listing a comma-separated string of the characters' ASCII values:

  ```
  LDAP_UID_INVALID_CHARS="32,33,34,35,36,37,38,40,41,42,43,44,47,58,59,60,61,
  62,63,64,91,92,93,96,123,125,126"
  ```

  in the *server-root*/`msg-`*instance*/`imta/config/options.dat` file. Note that you are strongly advised against relaxing this constraint.

- **The SMTP server's default behavior will change in the next major release after the Messaging Server 5.2 release.** (no bugid)

  The SMTP server's default behavior permissively accepts various line terminators. Currently, the `smtp` keyword is synonymous to the `smtp_crorlf` channel keyword on the `tcp` channels. While this behavior complies with the original SMTP specification (RFC 821), it does not comply with the latest revision of the SMTP specification (RFC 2821).

  In the next major release of Messaging Server (after the Messaging Server 5.2 release), the meaning of the `smtp` keyword and the default behavior of the `tcp` channels will comply with the revised standard. Specifically, the `smtp` keyword will become synonymous to the `smtp_crlf` channel keyword. For more information, see the section on "Channel Protocol Selection and Line Terminators" in the chapter on Configuring Channel Definitions in the *iPlanet Messaging Server Administrator's Guide.*

- **NFS is not supported for mailstores.** (no bugid)

  NFS is not supported for several reasons, including: `open` with `O_EXCL` is non-atomic. This technique is used for synchronizing deferred handling between various threads.

- **Notifications can be customized and localized.** (no bugid)

To customize or localize notifications, you would create a complete set of `return_*.txt` files for each locale and/or customization and store it in a separate directory. For example, you could have French notification files stored in one directory, Spanish for another, and notifications for a special unsolicited bulk email channel stored in a third. Sample files for French, German, and Spanish are included in this release. These files can be modified to suit your specific needs. Refer to Chapter 6 of the *iPlanet Messaging Server Administrator's Guide* for complete information on Customizing and Localizing Notification Messages.

- **When using the MTA direct LDAP operation, you should run the imsimta restart command to immediately implement newly modified alias cache sizes or timeout values, or to immediately clear the alias cache.** (no bugid)

- **You can configure the port number of the back-end Messenger Express (HTTP) server with the Messaging Multiplexor.** (no bugid)

   To do so, use the following `configutil` command:

   `local.service.http.proxy.port.`*hostname*

   For example, if the host name is `webmail.sesta.com` and the port number is `8888`, the command would be in the following format:
   `configutil -o local.service.http.proxy.port.webmail.sesta.com -v 8888`

- **If the name service cache daemon (nscd) is not running in a Solaris operating environment, the services can fail.** (4353836)

   This is a known Solaris bug. To avoid this problem, be sure to run the `nscd` service. For more information on `nscd`, refer to the Solaris man page.

- **The mailforwarding address field is limited to 1024 characters with imsimta dirsync.** (4532764)

   If you use the `imsimta dirsync` option, the total length of all forwarding addresses is limited to 1024 characters. If the total length of all forwarding addresses exceeds 1024 characters, it is recommended that you use the mailing lists feature. Note that if you use the MTA direct LDAP feature, you will not encounter this limitation.

- **The ldapsearch command fails in the ko locale on Solaris platforms.** (4533913)

   The Messaging Server installation fails if it is installed in the ko locale as a result of this problem.

   Work-around: Install the Directory Server in a separate *server-root* directory from Messaging Server. Then, manually run `ims_dssetup.pl` on the Directory Server, using the default C locale instead of the ko locale.

   Alternatively, you can install Messaging Server using another Korean locale, such as ko_KR.EUC, ko.UTF-8, or ko_KR.UTF-8.

- **LDAP search performance is significantly impacted by ACIs in Directory Server version 4.x.** (4534356)

    This affects many searches performed by iPlanet Messaging Server, and is especially apparent when using the `dirsync` utility. To speed up searches use directory manager credentials to access the directory by using the following commands:

    ```
    msg-instance/configutil -o local.ugldapbinddn -v "rootdn" -l
    msg-instance/configutil -o local.ugldapbindcred -v "rootdn_passwd" -l
    ```

    where *rootdn* and *rootdn_passwd* are the credentials of the Directory Server's administrator.

    Note that you can now utilize the Direct LDAP Lookup feature which obviates the need to use the `imsimta dirsync` command. For more information, refer to the *iPlanet Messaging Server Administrator's Guide.*

- **As of iPlanet Messaging Server 5.1, SMTP logging to mail.log_current is turned off by default.** (4535717, 4564207)

    Refer to the chapter on logging and log analysis in the *iPlanet Messaging Server Administrator's Guide* on how to enable SMTP logging.

- **New Messaging Server sites that want to use Sun Cluster 3.0 High Availability will need to use Sun Cluster 3.0 Update 1 or 2.** (4536098)

    For information on installation and configuring Sun Cluster 3.0 Update 1 or later, refer to the *iPlanet Messaging Server Installation Guide.*

- **Testing dynamic criteria for email-only membership does not work correctly.** (4537597)

    While trying to add dynamic criteria to groups for email-only membership through the Messaging Console, the test button to test the dynamic criterion (also known as the LDAP URL) does not work. The functionality of email membership of the group will not be broken by this limitation.

- **The stored command does not recognize specific interface addresses to which servers might be bound (like in High Availability configurations).** (4538253)

    The `stored` only recognizes INADDR_ANY, a constant value known internally to the server that specifies that this listen socket is listening to all IP addresses for this machine.

- **The MMP BadGuy configuration parameter, BGExcluded, does not work.** (4538273)

    To work around this problem, you can deploy separate MMP servers to handle the clients that are excluded from bad guy rules. These servers must have `BadGuy` turned off.

- **To take effect, changes made using configutil often require a restart of the affected server or servers.** (4538366)

- **libimtamap.so does not parse the imta_tailor file.** (4538645)

When working with mapping entries that use `libimtamap.so`, for example:

`* $C$[IMTA_LIBMAP,immap_is_in_list_of_ip,$2|IMTA_TABLE:/ip.txt|$$Y]$E`, do not use strings that require variable substitution from the `imta_tailor` file. Instead, you should write out the full directory path as shown in the following example:

`* $C$[IMTA_LIBMAP,immap_is_in_list_of_ip,$2|/iplanet/server5/msg-siroe/imta/`
`    config/ip.txt|$$Y]$E`

- **The Personal Address Book within Messenger Express only supports a limited number of objectclasses when creating nodes in the directory server.** (4539553)

  When the user tree hierarchy contains nodes other than "ou", "o", "dc", or "c", the parallel PAB hierarchy must be created manually. For example, if you have users under `dept=1234,o=acme.com` you need to create `dept=1234,o=acme.com,o=pab`.

- **Place users at the correct DIT level when they are created in the Administration Console.** (4539837)

  When you create a user or group through the Administration Console, ensure that you are selecting the correct organizational unit (ou) under which you want to create a user or group. To do so, use the drop-down list to choose New Organizational Unit; then click Create.

  In the Select Organizational Unit window, select the directory subtree (ou) to which the organizational unit will belong. Placing your cursor on any of the directory subtrees will reveal the complete DN of the organizational unit.

- **On a Solaris client with a Netscape browser, Administration Console can only launch Help if a browser is already open.** (4539844, 4541748)

  If Help does not launch from the Administration Console, create a script called "netscape", such as the one given below, and place this script in your path:

```
#!/bin/sh
NETSCAPE=/usr/dt/bin/netscape # or whatever the path to the real netscape
is
EXITCODE=0
if [ "$1" = "-remote" ]
then
     $NETSCAPE $@ 2>/tmp/_netscape_remote_$$
     if [ $? -ne 0 -o -s /tmp/_netscape_remote_$$ ]; then EXITCODE=1 ; fi
     rm /tmp/_netscape_remote_$$
     exit $EXITCODE
else
     $NETSCAPE $@
fi
```

- **On Windows NT, Administration Console does not launch Help if a browser is already open.** (4539844)

On Windows NT, the Administration Console Help does not come up if a browser is already open. If it is not open it brings up a browser and the pages can be viewed. To work around this behavior move *server-root*\bin\base\viewurl.exe somewhere else, or rename the file, for example rename the file to viewulr.exe.hide.

- **Cannot enter 8-bit characters in certain fields**. (4539912)

When creating a new user in the Administration Console 4.2 in a localized environment, you may not be able to enter 8-bit characters (for example, Ë) in the First Name, Last Name, and Common Name fields.

Work-around: Enter the 8-bit character into a non-Console application, copy the character, and then paste it into the Administration Console, using <Control> + V, or use iPlanet Delegated Administrator for Messaging and Collaboration.

- **If you use the mboxutil -r option while a user is connected to the messaging system, the move might not successfully complete and the mailbox might only be partially moved.** (4540006)

When moving mailboxes to different partitions, a user should be disconnected from the messaging server before the using the mboxutil -r option; once the mailbox is moved, the user should be reconnected to the server.

- **CRAM-MD5/DIGEST-MD5 do not work with external SMTP connections.** (4540532)

The instructions to turn on CRAM-MD5/DIGEST-MD5 do not work for "external" SMTP connections (by default all connections not from the local host). However, it works as documented for IMAP/POP and internal SMTP connections. To fix this problem, run:
configutil -o sasl.external.ldap.has_plain_passwords -v 1

- **mailautoreplysubject does not have multi-language support from the Messaging Console.** (4540780)

The auto-reply subject line in Messaging Server Console does not provide multi-language support. If the attribute mailautoreplysubject;lang-*XX* (where *XX* is the language) is already set in Messenger Express or in iPlanet Delegated Administrator for Messaging and Collaboration, the mailautoreplysubject attribute cannot be viewed or changed through the Messaging Console, since the Console looks for the attribute mailautoreplysubject, not mailautoreplysubject;lang-*XX*.

- **Administration Server access control host names are case-sensitive**. (4541448)

When configuring "Host Names to allow" for the Administration Server, the access control list is case-sensitive. If the DNS server uses mixed-case host names in the IN-ADDR records (used when translating from an IP address to a domain name), the access control list must use the same case. For example, if your host is test.Sesta.Com, then the access control list must include *.Sesta.Com. Due to this bug, *.sesta.com will not suffice.

For example, if the user/group base suffix is `o=isp`, then the DN of the service administrator group is `cn=Service Administrators,ou=groups,o=isp`. To designate the account `uid=ofanning, o=sesta.com, o=isp` as a service administrator, you should add the account's DN to the group. In the following modify record, the designated user is added as a group member in the LDIF:

```
dn: cn=Service Administrators,ou=groups,o=isp
changetype: modify
add: uniquemember
uniquemember: uid=ofanning, o=sesta.com, o=isp
```

Furthermore, for users to have service administrator privileges, the attribute `memberof` must be added to the user entry and set to the Service Administrator Group, for example:

```
dn: uid=ofanning, o=sesta.com, o=isp
changetype: modify
add: memberof
memberof: cn=Service Administrators, ou=groups, o=isp
```

- **Cannot create expiration rules through the command line**. (4542514)

  For example, the following command returns an error if the expiration rule name does not already exist: `configutil -o store.expirerule.name.folderpattern -v pattern`

  Use Console instead of the command line. After an expiration rule is created, you can modify the parameters by using the `configutil` utility.

- **Domain cache does not refresh**. (4542726)

  Due to the caching scheme, changing domain properties such as authorized services or status in LDAP does not take effect in IMAP, POP, SMTP, and HTTP until these services are restarted.

- **The % character does not work correctly in expiration rules**. (4542729)

- **Console does not create sslpassword.conf for MMP.** (4542738)

  The `sslpassword.conf` file is not created when an SSL certificate is created from the console. This occurs when only the console, administration server, and MMP are installed (no Messaging Server or Directory Server).

- **The mgrpErrorsTo attribute is a single-valued attribute.** (4543159)

  `mgrpErrorsTo` attribute does not support multiple values. If you want to specify multiple recipients for error messages, create a mailing list and specify the mailing list address as the value for the `mgrpErrorsTo` attribute.

- **Group attribute mgrpMsgRejectAction does not work**. (4543187)

  The `mgrpMsgRejectAction` attribute is not supported in iPlanet Messaging Server.

- **Anonymous login for IMAP is not supported.** (4543259)

- **If you use Microsoft Outlook Express as your IMAP mail client, the read and unread flags might not properly work. This is a known problem with the Microsoft Outlook Express client.** (4543930)

  To enable the workaround, set the following configuration variable:
  ```
  configutil -o local.imap.immediateflagupdate -v yes
  ```

  If, while using the work-around, you experience performance issues, it is recommended that you discontinue using the work-around.

- **Some options in the quotacheck utility are not working properly.** (4555153)

  In the `quotacheck` utility, the `-d` option for specifying the domain does not work for the default domain. Furthermore, the `quotacheck` utility returns incorrect error messages when the `-u` and `-n` options are specified.

- **On a Solaris client with a Netscape browser, certain fonts for Japanese Kanji characters might not display properly.** (4558408)

  The Netscape browser might not display some Japanese Kanji characters properly in certain unicode font sizes (10, for example). To fix this, change the browser's unicode font size to 14.

- **The program delivery function requires the Messaging Server user to have a home directory.** (4560660)

  If you wish to use the program delivery feature, the user under which iPlanet Messaging Server runs must have a home directory, and must have permission to create and write files in the home directory.

- **On Solaris, upon startup, Console might display spurious error messages related to the Sun Cluster environment**. (4562861)

  For example, you might see an error message such as:
  ```
  Cluster.PMF.pmfd: Error opening procfs control file
  /proc/384/ctl for tag rg.rs.0.svc: No such file or directory
  ```

  You can ignore these messages.

- **Incremental dirsync and HA**. (4566005)

  If an incremental dirsync is in progress at the time of an HA failover, the alias database will be marked as unsafe. The administrator will be notified of this condition when the messaging server is brought back online. The following message will appear in the `log/imta/dirsync.trx-XXXX` file:
  ```
      WARNING: sync_init: .dirsync_unsafe exists; database may be corrupted
  ```

  When this occurs, run the following: `imsimta recover-crash`

Any updates that occurred since the `imsimta dirsync -F` command was last run will be lost. After running `imsimta recover-crash`, run: `imsimta dirsync -F`

Note that you do not encounter this problem if you use the MTA Direct LDAP function.

• **For a short period of time (default is 15 minutes), it might be possible to log in to the account of a user marked for deletion.** (4576530, 4588068)

The IMAP, POP, and HTTP servers cache the LDAP entries of users who have recently logged in for the amount of time specified in the `service.authcachettl` configuration parameter. To make the deletion of a user immediately effective, you can run the servers with no authentication cache or turn off the authentication cache by setting `service.authcachettl` to `0` using the `configutil` utility and restarting all the services. Note, a setting of `0` will have an impact on performance.

This problem also applies to the Messaging Multiplexor (MMP); however, the MMP does not use `configutil`. It has a separate `AuthCachTTL` option in its configuration file.

• **If the MoveUser utility fails, it prints an error message but exits with return code 0 (success).** (4620764)

A hotfix is available upon request.

• **The mail.log_current file has a file size limitation.** (4621317)

The `mail.log_current` log file stops incrementing once it reaches 2GB.

• **Access control filters do not work if the short form domain in used in the /etc/hosts file.** (4629001)

If there is a short form version of a domain name in the `/etc/hosts` file, there will be problems if you use a host name in an access control filter. When the IP address lookup returns a short form version of the domain name, the match will fail. Therefore, you should make sure you use a fully qualified domain name in the `/etc/hosts` file.

• **In an HA environment, you cannot send outgoing messages through Messenger Express if the service.http.smtphost configutil parameter is not properly configured.** (4631446)

Work-around: After running the `ha_ip_config` script, run the following `configutil` command:

server-root/msg-*instance*/configutil -o service.http.smtphost -v logical_IP

For more information on running the `ha_ip_config` script, see the High Availability chapter in the *iPlanet Messaging Server Installation Guide for UNIX.*

• **The imsimta cleandb command does not properly function on a Windows NT platform.** (4634687, 4634692)

On Windows NT, the `imsimta cleandb` command does not remove the `*.share` files in the *server-root*\msg–*instance*\imta\tmp directory.

Work-around: Manually remove all the `*.share` files in the *server-root*\msg–*instance*\imta\tmp directory, specifically the `__db_lock.share` and `__db_mpool.share` files. Note these files can only be removed when the MTA processes are not using them. Therefore, you should first stop the MTA processes by using the `imsimta shutdown` command before removing the `*.share` files.

- **The MTA Direct LDAP comment in the imta.cnf file is incorrect.** (4637048)

The rewrite rule in the following comment in the `imta.cnf` file is incorrect:

```
! Uncomment the next line for Direct LDAP mode
! $* $E$F$U%$H@budgie.siroe.com$V$H
```

Instead, the rewrite rule should state the following:

```
! Uncomment the next line for Direct LDAP mode
! $* $E$F$U%$H$V$H@budgie.siroe.com
```

- **In Sun Cluster 3.0 U2 (Update 2), the nsldap resource goes into STOP_FAILED state and the resource group does not failover, even after reaching the Retry_count limit.** (4638310)

This is a known Sun Cluster 3.0 U2 (Update 2) problem that is due to a condition between the monitoring thread and an incoming stop. See Sun Cluster bugs: 4498808 and 4368936.

Work-around: Add **-y Retry_count = 1** to the following command (Step 11 in "Configuring Messaging Server HA Support for Sun Cluster" in the *iPlanet Messaging Server Installation Guide for UNIX*):

```
# scrgadm -a -j ha-ldap -t SUNW.nsldap -g IMS-RG \
   -x Confdir_list=/global/ims/server5/slapd-mail \
   -y Retry_count=1
   -y Resource_dependencies=ha-storage
```

- **Netscape Console 4.2 is unresponsive if you attempt to click the Server Group that corresponds to iPlanet Directory Server 5.1.** (4643634)

If you install iPlanet Directory Server 5.1 and Messaging Server on the same machine, you will see two Server Groups in the Administration Console — one for Directory Server (Server Group) and one for Messaging Server (Server Group (2)). If you click Server Group (the server group for Directory Server), the Console becomes unresponsive, and you will see error messages in a terminal window. Similarly, in iPlanet Console 5.0, if you click the server group for Messaging Server (Server Group (2)), you will see an error message in a terminal window and any running operation will fail; however, the console does not become unresponsive.

Work-around: For Netscape Console, in the *msgserver-root*/java/jars directory, replace the following files:

ds51.jar, ds51_en.jar, admserv51.jar, and admserv51_en.jar with zero-length versions of the files with the same names. If you click Server Group in the Netscape Console, you will see the following error messages and will not be allowed to inadvertantly access the wrong server:

```
Failed to install local copy of ds51.jar or one of its supporting
files: not a ZIP file (END header not found)
Failed to install a local copy of admserv51.jar or one of its
supporting files: not a ZIP file (END header not found)
```

Similarly, for iPlanet Console, in the *dirserver-root*/java/jars directory, replace the following files:

msgadmin52.jar, msgadmin52.icon, msgadmin52_en.jar, mcc42.jar, mcc42_en.jar, admserv42.jar, admserv42_en.jar, admserv42.icon, nmclf42.jar, and nmclf42_en.jar

with zero-length versions of the files. If you click Server Group (2) in the iPlanet Console, you will see error messages and will not be allowed to inadvertantly access the wrong server.

See also bug: 4560710 in Installation and Uninstallation. For more information on iPlanet Directory Server 5.1 and Messaging Server, see Appendix A of the *iPlanet Messaging Server Installation Guide.*

- **When the local.store.expire.workday parameter is changed from the default ("") to -1, the stored process does not recognize this change.** (4646601)

Work-around: To specify the default value, use −2 instead of "".

iPlanet Delegated Administrator for Messaging and Collaboration

The following are known problems with iPlanet Delegated Administrator for Messaging and Collaboration.

Note that the use of the provisioning utility `imadmin` requires that iPlanet Delegated Administrator for Messaging and Collaboration be installed.

* **iPlanet Delegated Administrator for Messaging and Collaboration currently does not support portal interoperability.** (no bugid)

  In addition, Single Sign-on for iPlanet Delegated Administrator for Messaging and Collaboration does not function through the standard portal gateway. Contact technical support for upcoming hotfixes.

* **iPlanet Web Server might not start with default minimum and maximum JVM heap sizes.** (4524374)

  In the `jvm12.conf` file in directory *webserver-root*/https-*instance*, increase the `minHeapSize` to 3.5M and `maxHeapSize` to 64M.

* **Internet Explorer browsers sometimes use cached information** (4535742)

  While using Internet Explorer, make sure you set your cache settings to check for a newer version of stored Web pages on every visit to the page. If you set it to 'Automatically,' some pages will display cached values that might not be current.

* **When an attribute is specified through Class of Service (for example, MailQuota), it does not appear in iPlanet Delegated Administrator for Messaging and Collaboration, even though the server honors this attribute.** (4537434)

  Work-around: Perform an `ldapsearch`, and be sure to specify the attribute in the attribute list to be returned.

* **On Windows NT, native mail delivery is not supported.** (4537964)

  When using iPlanet Delegated Administrator for Messaging and Collaboration, to set the delivery options for a user whose mailhost is a Windows NT server, do not select Native as a delivery option. Selecting Native as the only option for mail delivery for such users will result in the mail message being bounced to the sender. The bounce message will be sent only after several days have elapsed. If you want bounce messages to be sent immediately for mail that is undeliverable because the user erroneously selected this inappropriate delivery method, add the following rewrite rule to *msginstance*/imta/config/imta.cnf:

  ```
  native-daemon $?unix/native delivery not supported on server
  ```

- **When using the Delegated Administrator for Messaging and Collaboration GUI, only the Top-Level Administrator can remove a user from a Family Group.** (4538101)

  To remove a user from a family group, Service/Domain/Family group Administrators can use the `imadmin family-member remove` command, which is available from the command line interface.

- **Attempts to create a domain fail if a subdomain of it already exists**. (4538206)

  Messaging Server provisioning tools (iPlanet Delegated Administrator GUI and `imadmin` command) fail to create a hosted domain when a subdomain of that domain was previously created as a hosted domain. For example, if `sales.sesta.com` was created first, later attempts to create `sesta.com` as a hosted domain would fail.

  To define `sesta.com` as a hosted domain, follow the procedure in the *iPlanet Messaging Server Provisioning Guide* in order to determine how to overlay the existing entry for `sesta.com` with the additional object classes. You also need to create an organization container for the domain `sesta.com` with all the required ACIs (Appendix A, *iPlanet Messaging Server Provisioning Guide*) and create the domain admin group for the domain.

- **In the Delegated Administrator for Messaging and Collaboration GUI, the Mail Filter tab option "To" should be "To or CC".** (4538445)

- **Cannot store Delegated Administrator configuration in a separate directory from the User/Group directory.** (4538853)

  If your Messaging Server deployment has separate Configuration and User/Group directories, the iPlanet Delegated Administrator configuration cannot be stored in a separate directory from the User/Group directory. Instead, the iPlanet Delegated Administrator configuration must be stored in the User/Group directory.

- **On Solaris platforms, if the domain name is not configured in the /etc/resolv.conf file, the iPlanet Delegated Administrator for Messaging and Collaboration installation unexpectedly terminates.** (4539065)

- **Cannot Create/Manage Mail Lists from My Account page of Top-Level Administrator.** (4540027)

  When logged-in as a Top-Level Administrator, you cannot create or manage a mail list. As a work-around, traverse to any of the hosted domains before clicking on the My Account icon.

- **You cannot create a domain with multi-byte characters in the domain organization name.** (4540113)

- **You cannot create a new domain with an existing user/group subtree (Domain Container DN).** (4540234)

iPlanet Delegated Administrator for Messaging and Collaboration allows you to create a new domain and have it point at an existing user/group subtree. This subtree must contain the domain administrator and postmaster groups. However, the creation of a domain when pointed at an existing user/group subtree fails as an invalid check is made for the domain administrator group under the root suffix of the user/group tree.

A workaround is to create these groups under the root suffix. The LDIF for creating these groups is shown below. The following variables are used in the LDIF examples and should be replaced with the appropriate values for the installation.

BASE SUFFIX = root suffix of the user/group tree for the hosted domain (for example: `o=sesta.com, o=isp`)

DOMAIN NAME = domain name of the domain being added

```
LDIF EXAMPLE: Creating a Domain Administrator Group

dn: cn=Domain Administrators,ou=groups,BASE SUFFIX
objectclass: top
objectclass: groupOfUniqueNames
objectclass: nsManagedDept
objectclass: inetMailAdministrator
nsmaxusers: Unlimited
mailadminrole: storeadmin
cn: Domain Administrators
nsnumusers: 0
```

```
LDIF EXAMPLE: Creating a Postmaster Group

dn: cn=Postmaster,ou=groups,BASE SUFFIX
objectclass: top
objectclass: groupOfUniqueNames
objectclass: inetMailGroup
objectclass: inetLocalMailRecipient
objectclass: inetMailGroupManagement
objectclass: nsManagedMailList
mail: postmaster@DOMAIN NAME
mailalternateaddress: postmast@DOMAIN NAME
inetmailgroupstatus: active
cn: Postmaster
nsnumusers: 0
```

- **Common Name (cn) and cn:lang-xx attributes cannot be modified with iPlanet Delegated Administrator for Messaging and Collaboration web interface**. (4540372)

With iPlanet Delegated Administrator for Messaging and Collaboration, you can create `cn` and `cn:lang-xx` attributes; however, the product does not have an interface to modify these attributes. To modify these attributes, use `imadmin user modify` with the `-A` option. Note that administrators are allowed to modify the `cn` but not the `cn:lang-xx` attribute.

- **Class of Service templates cannot be assigned in the New User Create Window.** (4540504)

  Though Class of Service templates can be assigned when you edit a user, you cannot assign them during user creation in iPlanet Delegated Administrator for Messaging and Collaboration.

- **Upgrade for iPlanet Delegated Administrator for Messaging and Collaboration does not work.** (4541709)

  To upgrade, use the following procedure:

  a. Back up the following configuration file:

      IDA_root/nda/classes/netscape/nda/servlet/resource.properties

  b. Uninstall the previous iPlanet Delegated Administrator for Messaging and Collaboration.

  c. Delete the configuration subtree from the directory. The configuration subtree is specified in the `NDADefaultConfiguration-basedn` property in *iDA_ROOT*/nda/classes/netscape/nda/servlet/resource.properties.

  d. Use the information in the backed up `resource.properties` file to answer the iPlanet Delegated Administrator installation questions when installing the new version of iPlanet Delegated Administrator for Messaging and Collaboration.

- **If you are using iPlanet Directory Server 5.1, counter plug-ins cannot be enabled with iPlanet Delegated Administrator for Messaging and Collaboration.** (4547885)

  If you want to activate the counters for users, mail lists, and domains, you can enable these plug-ins with Netscape Directory Server 4.16. However, if you are using iPlanet Directory Server 5.1, these counter plug-ins are not available. Therefore, you will not be able to restrict the number of users or groups in a domain if you use iPlanet Directory Server 5.1.

- **The iPlanet Web Server publishing feature is incompatible with iPlanet Delegated Administrator for Messaging and Collaboration.** (4554965)

  By default, the web server publishing feature is turned off. Do not turn on this feature.

- **Domain Organization users cannot be deleted using the imadmin user purge utility.** (4621763)

- **Subject field is not stored in auto responder rule.** (4627074)

If you set up auto-reply messages for users, and you enter multiple auto-reply subject and message texts for multiple languages at the same time, you need to save the changes for each individual language one at a time. If you enter the changes for all languages and attempt to save them at the same time, some of the information in the auto-reply message will be missing or not properly saved.

- **If you run the imadmin CLI with SSL, the connection to the web server does not work on a Windows NT 4.0 SP6 dual processor.** (4627754)

- **On Windows NT, iPlanet Delegated Administrator for Messaging and Collaboration does not properly interpret the backslash (\) in directory path names in program delivery.** (4632631)

  Work-around: Use forward slashes (/) when specifying directory path names.

- **The Class of Service feature in iPlanet Directory Server 5.x is not compatible with iPlanet Delegated Administrator 1.2 for Messaging and Collaboration.** (4635892)

  If you are setting up Class of Service (CoS) for users in an organization, and you edit a user through iPlanet Delegated Administrator for Messaging and Collaboration, you should be able to choose or modify a CoS template for that user. However, this feature does not properly function if you use iPlanet Directory Server 5.x and iPlanet Delegated Administrator for Messaging and Collaboration.

- **If you use Internet Explorer 5.5 SP2 (Service Pack 2), some modifications made through iPlanet Delegated Administrator for Messaging and Collaboration (for example, in the Edit User interface) might not be saved.** (4637890)

  If your changes in iPlanet Delegated Administrator for Messaging and Collaboration are not being saved, and the Save/Apply button does not appear work, make sure that you shift the focus of the cursor from the last changed field by pressing the Tab key. Then, press the Save/Apply button to save the changes.

- **When adding members, moderators, authorized / unauthorized senders in the Create/Edit Mail List window, deselection does not work if you deselect the users after selecting them in the Search and Add window once.** (4637892)

  Work-around: Close and reopen the Search and Add window.

- **Single sign-on from iPlanet Delegated Administrator for Messaging and Collaboration to Messenger Express is not implemented.** (4648535)

  If you login to iPlanet Delegated Administrator for Messaging and Collaboration and type the Messenger Express URL in the same Web browser window, you are asked to authenticate again into Messenger Express.

  Note that you can use single sign-on from Messenger Express to iPlanet Delegated Administrator for Messaging and Collaboration.

iPlanet Messenger Express

The following are known problems with iPlanet Messenger Express:

- **Single Sign-on for Messenger Express does not work through the standard portal gateway.** (no bugid)

  Contact technical support for an upcoming hotfix.

- **Personal Address Book (PAB) does not work with replica LDAP servers due to latency issues.** (4541432)

  The work-around is to point the PAB to an LDAP master.

- **The spellchecker does not properly recognize or display the German umlaut (Ü).** (4546195)

  The spellchecker expects a character with an umlaut (for example, Ü) to be a character followed by double quote. (for example, u"). When displaying words with umlauts, the spellchecker instead displays a character followed by a double quote.

- **If you are using Netscape Communicator, messages might shut down your browser on rare occasions.** (4549239)

  Work-around: Use Internet Explorer version 5.5 SP2 (Service Pack 2) on the rare instance that you experience this behavior.

- **On Internet Explorer 5.0, very large messages are truncated when placed into the Sent folder**. (4558055)

  Due to timing issues in Internet Explorer builds before 5.5 SP1, very large messages are truncated on slower machines with small amounts of memory. Use the recommended build of Internet Explorer 5.5 SP2.

- **Messenger Express with Greek on Netscape Communicator creates various issues**. (4560999)

  Several minor glitches occur related to either javascript dialog or IMAP folder issues; users who run into these issues might want to use another browser.

- **Japanese EUC locale issues when using Netscape Communicator browser on Solaris.** (4561469, 4561550).

  When using Netscape Communicator 4.x on Solaris in a Japanese EUC locale, the vcard of a message is displayed as gibberish.

  A user will not be able to attach files with Japanese file names using Netscape Communicator 4.x browser on Solaris.

- **When using Netscape Communicator 4.x with Messenger Express, any window resize causes the session to return to the Inbox message list.** (4579429)

- **When using Netscape Communicator 4.76 on a Solaris operating environment, Messenger Express might display a blank screen in certain scenarios.** (4581879)

  Work-around: On the blank screen, click the right mouse button and select "Reload Frame." You do not need to restart the web browser.

- **When the number of messages in a folder exceeds one page, getting mail from the last page of the folder generates an error.** (4618291)

  This scenario exists when your Messaging Server is on a Solaris 2.6 operating environment or a Windows NT platform and the Messenger Express client is running on an Internet Explorer 5.5 SP2 (Service Pack 2) Web browser on either a Windows 98 or Windows 2000 platform.

- **With Directory Server 5.1, you will not be able to enter multiple email IDs for a single contact in the Personal Address Book.** (4633171)

  Note that the Directory Server is exhibiting correct behavior. Due to a bug in Netscape Directory Server 4.x, you are able to enter multiple email IDs.

- **Clicking Send or Save Draft generates an error if your client web browser is Internet Explorer 6.0.** (4633206)

  When you open the Compose window from the Folders tab, compose a message, and click Send or Save Draft, you will see a Javascript error if you are using Internet Explorer 6.0 as your client web browser. Despite the error, the message is sent (if you click Send) or saved (if you click Save Draft) as expected.

Documentation Changes

This section describes any errors or changes to the iPlanet Messaging Server 5.2 documentation set.

NOTE	The online version of the *iPlanet Messaging Server Administrator's Guide* contains up-to-date changes not found in the CD version: For the online version, see: `http://docs.iplanet.com/docs/manuals/messaging.html`

Delegated Administrator for Messaging and Collaboration Installation and Administration Guide

This section describes any errors or changes to the *iPlanet Delegated Administrator for Messaging and Collaboration Installation and Administration Guide*.

• **Supporting documentation for the Calendar Support installation question contains inaccurate information.** (4627818)

The documentation supporting the Calendar Support question (Install Screen 5-Calendar Server) should state the following:

Install Screen 5—Calendar Server

```
--------------------------------------------------------------------------

                           Sun-Netscape Alliance
iPlanet Delegated Administrator for Messaging Installation/Uninstallation
--------------------------------------------------------------------------

If you want iPlanet Delegated Administrator for Messaging to manage an iPlanet
Calendar Server, enter 'Yes'.

Manage Calendar Server [No]: _____

--------------------------------------------------------------------------
```

Select the default value No, since this feature is currently not available.

When this feature is supported in a future release, selecting Yes will enable iPlanet calendar service support through iPlanet Delegated Administrator for Messaging and Collaboration.

Messenger Express Customization Guide

This section describes any errors or changes to the *iPlanet Messenger Express Customization Guide*.

• **Document how to enable emoticons in messages.** (4528649)

In order to enable emoticons, the variable `iconHREF` in the `main.js` file (located in directory: *msgserver-root*/`html`) must be assigned the full path of the location where the emoticon `.gif` files are located.

For example, if the emoticon files are in the *msgserver-name*/`imx/` directory, then the `iconHREF` must be set the `main.js` file to:

`var iconHREF = 'http://`*msgserver-name*`/imx/'`

By default, the emoticon `.gif` files are located in *msgserver-root*/`html/imx` and can be copied to another directory. The emoticon files in the `/imx/` directory are the following:

```
angel.gif,angry.gif,grin.gif,devil.gif,smile.gif,laugh.gif,love.gif,sad.gif,
winkwink.gif,sleep.gif.
```

The configured URL needs to be accessible from the public internet because messages composed using Messenger Express will include references to these URLs in order to represent emoticons.

• **Document how to customize Messenger Express on a per domain basis.** (4535761)

The Messenger Express client interface can be customized partially or entirely per domain. To do this, create a directory with the domain name under the `html` directory. Populate this directory with the customized versions of the files from the original directory hierarchy. For example, if you only want to change the icon for the `siroe` domain, you need to add a new icon in `siroe.com`'s `imx` directory and change the reference to it in `main.js`:

```
html/...                       // default interface
html/imx/...                   // default interface
html/en/...                    // default interface
html/siroe.com/main.js          // refers to imx/cat.gif
html/siroe.com/imx/cat.gif
```

After login, the server refers the user agent to pick up the file: *domain*/*lang*/main.html. This is the file that contains references to the rest of the interface. The client requests all the files which make the interface in the directory. If these files exist, they are displayed. Otherwise, there is a fallback to the default setup files. If you have multiple domains but only a few distinct brands, you can use links to make the server use the correct version:

```
html/...                       // default interface
html/sesta.com/...          // customized interface for brand 1
html/varrius.com -> sesta.com // varrius uses brand 1's interface
```

❍ Domain From URL

The server listens on all IP addresses and can still present a customized interface before login occurs. It does so by looking at the URL and determines if it contains a known domain presenting a per-domain login screen.

For example with the following per-domain login screen, `http://webmail.sesta.com/`, the server sends the page `html/sesta.com/en/default.html`

In this case, a user doesn't need to append `@domain` to his user name in order to log in.

• **Restart mshttpd after editing HTML/JS files.** (4536952)

The server needs to be restarted for changes in the contents of the directory *server-root*/msg-*instance*/html to take effect.

• **Document how to customize header fields in the folder list.** (4538915)

By default, the folder list displays the following header fields: Date Received, email ID of sender, Subject, and X-priority. To customize these header fields, you can modify the `listFrameHTML()` and `header()` functions in the *server-root*/msg-*instance*/html/msg_fs.html file.

- **Code Example 3-12, Altering Address Window Text, does not work.** (4538955)

This code example does not work because the code is not able to take the entry from the `i18n_ldap_controls()` function in `in18n.js`. To work around this problem, change the directory server name in the file *instanceroot*/html/*lang_code*/lookup_fs.html to the desired directory server name. The name is defined in the function `s_SearchCtrl`.

- **Customizing users' default LDAP attributes.** (4571687)

The following information should be included in the guide.

The Messenger Express server loads a default set of LDAP attributes for a user at the start of a session. These attributes are as follows:

```
cn, givenName, mail, mailAlternateAddress, mailAutoReplyMode,
mailAutoReplySubject, mailAutoReplyText, mailAutoReplyTextInternal,
mailAutoReplyTimeout, mailDeliveryOption, mailForwardingAddress,
mailQuota,mailMsgQuota, preferredLanguage, sn, uid, vacationEndDate,
vacationStartDate
```

You might want to obtain other customized LDAP attributes from the server. For example, an ISP might have a custom LDAP attribute assigned to all users called `myuserclass`. This attribute could denote different types of users that access services, including Messenger Express. Possible values for this attribute are `regular` and `vip`. Depending on the type of user (that is, the value of the `myuserclass` LDAP attribute), different advertisement types will be presented to the user when they log into Messenger Express (Messenger Express is customized to display banner advertisement). If the customized client has access to the `myuserclass` LDAP attribute, the type of user can be determined and the relevant banner advertisement for that user type can be displayed.

To obtain other customized LDAP attributes from the server, use `configutil` to modify the `service.http.extrauserldapattrs` configuration parameter. The attributes are read-only by default. If the customer wants to modify an attribute using the Messenger Express code, that attribute needs to be marked read-write by appending the suffix: `w`

The example below assumes the customer wants to display banner advertisements depending on the class of the user and that the client program allows the user to edit a link to a home page:
`configutil -l -o service.http.extrauserldapattrs -v` *myuserclass,homepage:w*

- **To enable spell checking, you will need to create your own dictionary.** (4622136)

To create your own dictionary for your Messenger Express spell checker, you need to build a binary hash file and copy it to the *msgserver-root*/dict directory:

a. Obtain the dictionary file and the affix file for the language you want add to your dictionary.

The dictionary file contains language-specific vocabulary and the affix file contains grammar rules for the specific language. Refer to the following link that specifies available dictionary and affix files as well as instructions on how to obtain these files: `http://fmg-www.cs.ucla.edu/fmg-members/geoff/ispell-dictionaries.html`

The French and English (United States) directories are shipped with this version of the Messenger Express and are located in the *msgserver-root*/`dict` directory.

b. Use the `buildhash` utility to create a platform-specific, language-specific hash file from the dictionary and affix files. This hash file is used by the Messenger Express spell checker.

    I. To run the `buildhash` utility, download the `ispell` source files available at the site `http//www.gnu.org/software/ispell/ispell.html`.

    II. Or, use the `buildhash` utility in the *msgserver-root*/`dict`/`bin` directory. The syntax for the `buildhash` utility is as follows:

```
buildhash dictionary_file affix_file language_name.hash
```

The *language_name* in the *language_name*.`hash` file is the two-letter language code used by Messenger Express (such as: `en` for English, `fr` for French). To determine your language's two-letter code, use the *msgserver-root*/`msg-`*instance*/`configutil | grep local.supportedlanguages` command.

NOTE   At this time, double-byte character sets are not supported by the Messenger Express spell checker.

---

c. Copy the newly created *language_name*.`hash` file in the *msgserver-root*/`dict` directory and restart the `mshttpd` service.

When the `mshttpd` service is restarted, the Messenger Express spell checker is enabled.

In the following UNIX platform example, an Italian hash file (`it.hash`) is created by using the `buildhash` utility. The `it.hash` file is then copied to the *msgserver-root*/`dict` directory. Finally, the `mshttpd` service is restarted to enable the Messenger Express spell checker:

```
# cd /usr/iplanet/server5/dict/bin
# ./buildhash italian.dico italian.aff it.hash
# cp it.hash ..
# /usr/iplanet/server5/msg-budgie/start-msg http
```

Migration Guide

This section describes any errors or changes to the *iPlanet Messaging Server Migration Guide.*

- **Netscape Directory Server 4.12 is referenced in the guide.** (no bugid)

  Supported directory servers for iPlanet Messaging Server are Netscape Directory Server 4.16 and iPlanet Directory Server 5.1.

How to Report Problems

If you have problems with iPlanet Messaging Server, contact iPlanet customer support using one of the following mechanisms:

- iPlanet online support web site at `http://www.iplanet.com/support/online/`.

  From this location, the CaseTracker and CaseView tools are available for logging problems.

- 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.

- Output of the `imsimta version` command.

For More Information

Useful iPlanet information can be found at the following Internet locations:

- iPlanet release notes and other documentation — `http://docs.iplanet.com/docs/manuals/`

- iPlanet product status — `http://www.iplanet.com/support/technical_resources/`

- iPlanet Professional Services information —
  `http://www.iplanet.com/services/professional_services_3_3.html`

- iPlanet developer information — `http://developer.iplanet.com/`

- iPlanet learning solutions — `http://www.iplanet.com/learning/index.html`

- iPlanet product data sheets — `http://www.iplanet.com/products/index.html`