

Release Notes for iPlanet Messaging Server

Version 5.1

Updated October 30, 2001

These release notes contain important information about iPlanet Messaging Server 5.1. 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
- Hardware and Software Requirements
- Supported Platforms
- Product Hierarchy and Dependencies
- Known Problems and Limitations
- 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 5.1 documentation at <http://docs.iplanet.com/docs/manuals/messaging.html>.

Messaging Server Versions 5.0 and 5.1

The following list describes features available in Messaging Server 5.0 and 5.1:

- 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.
- Enhanced Messenger Express (Webmail), including features such as mailbox chunking and sorting, Personal Address Book (PAB), and folder menus.
- 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.

Messaging Server Version 5.1

The following list describes features specific to Messaging Server 5.1:

- 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 that now includes the Messaging Server *Migration Guide*, *Provisioning Guide*, and *Schema Reference Manual*.

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

The following addresses client software requirements. For Messenger Express access, Messaging Server requires a JavaScript-enabled browser. For optimal performance, iPlanet recommends the following browsers:

- Netscape Navigator 4.7 or later
- Internet Explorer 5.5 SP1 (Service Pack 1) or later

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 2.7 is not a supported platform for iPlanet Messaging Server.

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.
- 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:

- XSWG1100 (HP-UX 11.0 General Release Patches, September 2000)
- XSWHWCR1100 (HP-UX 11.0 Hardware Enablement and Critical Patches)
- PHCO_21902 (df(1M) cumulative patch)
- PHCO_22314 (libc cumulative patch)
- PHCO_23499 (LVM commands cumulative patch)

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.

Product Hierarchy and Dependencies

iPlanet Messaging Server 5.1 requires the following:

- Netscape Administration Server 4.2
- Netscape Directory Server 4.13
- iPlanet Delegated Administrator for Messaging and Collaboration
- iPlanet Delegated Administrator for Messaging and Collaboration requires iPlanet Web Server Enterprise Edition 4.1 SP 7.

NOTE For iPlanet Web Server, it is strongly recommended that you visit the following site to determine which patches are required:
<http://docs.iplanet.com/docs/manuals/enterprise/41/rn41sp7.html#19292>

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

CAUTION To provision users and groups, do not use the Administration Console; if you do, complications will occur. Instead, iPlanet recommends you use iPlanet Delegated Administrator for Messaging and Collaboration.

Known Problems and Limitations

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 In iPlanet Messaging Server 5.1, besides the Directory Server, servers are not started by the installer.

- **The default provided by `ims_dssetup, o=internet`, must be accepted by the user.** (393081)
- **If the Users/Groups Directory Server is a replicated Directory Server, installation fails.** (397014)

If you point to an existing Directory Server as the Users/Groups Directory Server, and that server has been set up for replication, the installation will fail. To prevent the installation from failing, install the Messaging Server before setting up replication.

- **You must install Messaging Server into an empty or non-existent directory.** (398235, 532227)

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.

- **Installing the Message Transfer Agent (MTA) as a relay requires installation of the message store.** (463670, 513969)

You can disable the store after installation.

- **When installing iPlanet Delegated Administrator for Messaging and Collaboration, if you want to activate the counters for users, mail lists, and domains, you must enable the counter plug-ins for the Directory Server.** (no bugid)

For more information, see:

<http://docs.iplanet.com/docs/manuals/messaging/ims50/daig/install.htm#28567>

- **Upon a successful installation, error messages are still found in the installation log.** (479541)

Occasionally, upon successful installation, error messages are still 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.

- **On Windows NT, when the Server Firewall screen appears during an installation, the Enter key does not function.** (532472)

Click the Next button instead of using the Enter key.

- **During an express installation, the installer chooses a random administration port.** (535719)

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 Windows NT, installation of only the Messaging Multiplexor (MMP) component fails if the iPlanet Messaging Server component is not unchecked first.** (541598)

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 on the Change... button.
 - c. Select iPlanet Messaging Multiplexor in the Subcomponents to Install screen.
- **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.** (539955)
 - **The `ims.dssetup.pl` script requires the version of Perl found in the `server-root` install directory.** (540235)
 - **On Windows NT, if you are using an existing configuration directory, the `user/group` directory is determined from it.** (541837)
 - **On UNIX, during a custom installation, if you specify a custom mail store, you must create the directory manually after installation.** (542043)

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

- **Sun Cluster 2.2 does not properly determine the mount point of the file system where Messaging Server resides.** (542421)

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.

- **In Sun Cluster 2.2 environment the install program does not produce a valid `ims_ha.inf` file.** (542415)

When installing on a Sun Cluster 2.2 cluster node, the installation procedure produces an invalid `ims_ha.inf` file. You will need to manually edit this file and replace the line reading `<msg.InstanceName>` with the actual instance name. For example, if the Messaging Server instance name is "mail" then change that line to read: mail.

- **In Sun Cluster 2.2 and Veritas Cluster Server 1.1 environments, uninstalling iPlanet Messaging Server fails.** (542488)

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.

- Stop all services.
 - Delete the server-root directory.
 - Rename the `/etc/msgregistry.inf` file. (It is recommended that you move (rename) this file; do not delete it).
- **During uninstallation, `/usr/lib/sendmail` link is not restored.** (532730)

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`.

Migration

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

- **On Windows NT, two commands require DLL files to be copied.** (542769)

In order to run the `imsdirmig` and `imsdaaci` commands on Windows NT, you must 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`.

- **On Windows NT, the `imsdirmig -l` option does not work.** (543056)
- **When migrating directory entries from Netscape Messaging Server 4.x, an LDAP filter must be specified.** (543104)

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.

- **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.

- **Migrating Personal Address Book (PAB) entries from Netscape Messaging Server 4.15 to iPlanet Messaging Server 5.1 requires the following steps:** (540998)
 - 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.

- **iPlanet Delegated Administrator for Messaging and Collaboration install breaks the merged schema support. (540689)**

Installing iPlanet Delegated Administrator for Messaging and Collaboration against a Directory Server that has the `merged.oc.conf` and `merged.at.conf` schema files will result in duplicate, conflicting object class definitions in the merged schema files. As a result, trying to modify the migrated Sun Internet Mail Server domain entry using `ldapmodify` will create an object class violation error.

To fix this problem, you have to comment out the extra object classes defined in the file `instanceroot/config/slapd.user_oc.conf`:

```
inetdomain, inetdomainalias, inetdomainorg, inetdomainauthinfo, maildomain,
inetuser, inetsubscriber, ipuser, userpresenceprofile, inetmailuser,
inetlocalmailrecipient, inetmailadministrator, inetmailgroup,
inetmailgroupmanagement, inetmanagedgroup, pabperson pabgroup, pab, inetadmin,
msgvanitydomainuser, icscalendaruser, inetresource, icscalendarresource,
icscalendardomain, icsadministrator
```

- **Migration procedures from Netscape Messaging Server to iPlanet Messaging Server 5.1 on Windows NT are not specified in the iPlanet Messaging Server Migration Guide. (543447)**

The following steps are based on the *iPlanet Messaging Server Migration Guide*, Chapter 3, section titled “Migrating from a Single-Server Netscape Messaging Server System.” However, changes have been made here specifically for migration on a Windows NT platform.

- a. (Step 1) Ensure that all messages in the SMTP server queues are processed and that the queues are empty.

One way to do this is to change the SMTP port number and restart the SMTP server. This allows the server to continue processing any messages in the queue while not accepting messages on the standard SMTP port.

```
InstanceRoot\configutil -o service.smtp.port -v 901
InstanceRoot\stop-msg smtp
InstanceRoot\start-msg smtp
```

Wait for the queue to empty.

- b. (Step 2) Run `perl ims_dssetup.pl` against the Netscape Messaging Server LDAP server; when prompted by `ims_dssetup.pl` to update the DS schema, chose to update the schema.

- c. (Step 3) Enable multi-schema support (SIMS/Netscape Messaging Server/iPlanet Messaging Server) by adding the merged schema files (`merged.oc.conf` and `merged.at.conf`) to the directory server. Refer to "Supporting Multiple Schemas" in Appendix B of the *iPlanet Messaging Server Migration Guide*. Also, comment out any `include` directives for the following schema files added in the previous step: `um50-common-schema.conf` and `ims50-schema.conf` by adding a `#` before the `include` keyword and following the steps outlined in that step.

See the *iPlanet Messaging Server Installation Guide* for details.

- d. (Step 4) Uninstall Netscape Messenger Server only, and choose to preserve the user mail store. Do not uninstall Directory Server.
- e. (Step 5) Rename the `msg-instance` directory (where the user mail store is located) to another name, such as "mailstore".
- f. (Step 6) Re-implement Netscape Messaging Server vanity domains in iPlanet Messaging Server.
- g. (Step 7) Install iPlanet Messaging Server in the same server directory where Netscape Messaging Server is located. Choose NOT to install Directory Server. For the following install prompt, Default Organization DN [`o=siroe.com,o=OldDirRoot`], use the default value (`o=siroe.com,o=OldDirRoot`). Note that this is not where the Netscape Messaging Server user entries reside. The entries will remain in the current namespace for now.
- h. (Step 8) Stop all server processes:
InstanceRoot/stop-msg
- i. (Step 9) Map or modify the existing Netscape Messaging Server directory namespace to the iPlanet Messaging Server directory namespace.

Refer to "Using Existing Directory Information Trees in the iPlanet Messaging Server" in Appendix B of the *iPlanet Messaging Server Migration Guide*.
- j. (Step 10) Set the default Organization Tree.

Use `configutil` to set `local.ugldapdeforgdn` to `o=sesta.com`:

```
InstanceRoot/configutil -o "local.ugldapdeforgdn" -v "o=sesta.com"
```

`o=sesta.com` is the DN of the Organization Tree that corresponds to the default domain.

- k. (Step 11) Migrate the Netscape Messaging Server message store to iPlanet Messaging Server message store.

Change the primary store partition path to point at the Netscape Messaging Server 4.x message store path as follows:

- I. Use the iPlanet Messaging Server Administration Console to change the message store configuration to point to all the Netscape Messaging Server 4.x mail store partitions (*mailstore* is the example given in step 5).
- II. Remove the user subscriptions directory.
- III. Copy the Netscape Messaging Server message store:

```
NMSServerRoot/mailstore/store/user/
to:
iMSServerRoot/msg-instance/store/user/

(mailstore is the example given in step 5.)
```

- IV. Copy the `mboxlist` file:

```
NMSServerRoot/mailstore/store/mboxlist/data.db2
to
iMSServerRoot/msg-instance/store/mboxlist/folder.db
```

- V. Copy the quota files:

```
NMSServerRoot/mailstore/store/quota.db2
to
iMSServerRoot/msg-instance/mboxlist/quota.db
```

- VI. Do not copy any other files!

- I. (Step 12) Configure `dirsync` to support the new multi-system schema by using `configutil` to add the following two parameters:

```
InstanceRoot/configutil -o local.imta.schematag
  -v "ims50,nms41"
InstanceRoot/configutil -o local.imta.ugfilter
  -v (|(objectClass=inetLocalMailRecipient)
  (|(objectClass=mailRecipient) (objectclass=mailGroup)))
```

- m. (Step 13) Run a full `dirsync` to pick up the user and group entries:

```
InstanceRoot/imsimta dirsync -F
```

- n. (Step 14) Restart iPlanet Messaging Server. You can now see the Netscape Messaging Server 4.x user mailboxes.

The mail server is now available for use. At this time iPlanet Messaging Server is working off the old directory entries in: `ldap.sesta.com` using multi-schema support. New user and group entries will be created in the new directory nodes.

NOTE The default configuration of the newly installed iPlanet Messaging Server blocks all SMTP relaying. To align default configuration to your site policy, refer to the *iPlanet Messaging Server Migration Guide*, Chapter 1, section titled "Netscape Messaging Server 4.x Regressions/Changes/Transitions," sub-section titled "SMTP Relay Function."

- o. (Step 15) Upgrade the quota database to enable new features. Run the following as a mail server user:

```
cd iMSServerRoot/bin/msg/admin/bin
reconstruct -q
```

- p. (Step 16) Once the new server is up, upgrade all user and group directory entries to the iPlanet Messaging Server schema using `imsdirmig`:

```
imsdirmig -b "o=sesta.com" -M nms -D "cn=Directory Manager" -w secret -m
both -F "(!(cn=postmaster))"
```

- q. (Step 17) Disable multi-schema support.

Once all the directory entries have been upgraded to iPlanet Messaging Server schema, multi-schema support is no longer needed. Using `configutil`, delete the following two parameters:

```
InstanceRoot/configutil -o local.imta.schematag -v ""
InstanceRoot/configutil -o local.imta.ugfilter -v ""
```

- **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.

Upgrade

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

- **The Administration Console interface does not get updated during an iPlanet Messaging Server 5.0 to 5.1 upgrade.** (535937)
- **During the upgrade process, the MMP configuration files—`AService.cfg`, `PopProxyAService.cfg`, and `ImapProxyAService.cfg`—are overwritten.** (541662)

Before upgrading MMP, copy and save these files; replace them after completing the upgrade process.

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

The upgrade process overwrites the Messenger Express HTML files. If you have made customizations, they will be lost. To fix this, make a backup of your customized files before you perform the upgrade process.

- **After upgrade, the link from Messenger Express to iPlanet Delegated Administrator for Messaging and Collaboration is broken.** (541321)

After iPlanet Messaging Server is upgraded, the file `server-root/msg-instance/html/main.js` is not updated with the correct iPlanet Delegated Administrator for Messaging and Collaboration port.

To fix this problem, before upgrade, search for the variable called `NDAStartPage` in the `main.js` file. It is a URL containing the iPlanet Delegated Administrator for Messaging and Collaboration host name and port number. The port will be set to 8080 after an upgrade. Change the port number to the correct iPlanet Delegated Administrator for Messaging and Collaboration port that you are using.

- **In some HA environments, the upgrade process will fail.** (533401, 534310)

When you attempt to upgrade iPlanet Messaging Server in a Sun Cluster 2.2 environment or in a Veritas Cluster Server 1.1 or later environment, the upgrade will fail at the point where the install program tries to run `stop-msg`. You can work around this problem by performing the following:

- a. Prior to performing the upgrade, stop the iPlanet Messaging Server data services:

-For Sun Cluster 2.2:

```
/opt/SUNWcluster/bin/hareg -n your_data_service
```

-For Veritas Cluster Server 1.1 or later:

```
/opt/VRTSvcs/bin/hares -offline your_mail_resource -sys  
physical_hostname
```

- b. Temporarily rename the HA registry command:

-In a Sun Cluster 2.2 environment, rename the `hareg` command located in:

```
/opt/SUNWcluster/bin/hareg
```

-In a Veritas Cluster Server 1.1 or later environment, rename the `hares` command located in: `/opt/VRTSvcs/bin/hares`

- c. Run the iPlanet Messaging Server upgrade without the HA component.
- d. Rename the HA registry command to its original name.

e. Restart the iPlanet Messaging Server data services as follows:

-For Sun Cluster 2.2:

```
/opt/SUNWcluster/bin/hareg -y your_data_service
```

-For Veritas Cluster Server 1.1 or later:

```
/opt/VRTSvcs/bin/hares -online your_mail_resource -sys physical_hostname
```

To manually upgrade the HA software, unzip `msg/msgha.zip` and copy the following as specified:

-For Sun Cluster 2.2, copy:

```
/msg/bin/msg/ha/sc/agent/*
```

to

```
/opt/SUNWcluster/ha/msg on both machines.
```

For Veritas Cluster Server 1.1 or later, copy:

```
msg/bin/msg/ha/vcs/agent/*
```

to

```
/opt/VRTSvcs/bin/MsgSrv
```

- **Directory synchronization is now scheduled by the Job Controller. (519586)**

With Messaging Server 5.0 patch 3 and later releases, cron jobs are no longer used for scheduling periodic `dirsync` jobs. After upgrading to iPlanet Messaging Server 5.1, ensure that there are no longer any crontab entries for the Messaging Server `dirsync` jobs. To alter the frequency of periodic `dirsync` jobs, edit the appropriate settings in the `job_controller.cnf` file.

- **During the upgrade process, you are unnecessarily prompted for the following information about iPlanet Delegated Administrator for Messaging and Collaboration. (543362)**

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. The 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`

iPlanet Messaging Server

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

- **The program delivery function requires the Messaging Server user to have a home directory.** (537204)

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.

- **Place users at the correct DIT level when they are created in the Administration Console.** (528667)

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.

- **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.** (379080, 483161)

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.

- **LDAP search performance is significantly impacted by ACIs in Directory Server version 4.x.** (388608)

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.

- **The `mgrpErrorsTo` attribute is a single-valued attribute.** (395002)

`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.** (395355)

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

- **Anonymous login for IMAP is not supported.** (396044)

- **Use of expiration rule could cause you to unintentionally delete messages.** (400343)

A problem exists with the attribute `store.expirerule.name.foldername.folderpattern`.

Expiration rules that include this attribute will select folders outside the criteria you specify. This could create serious problems, including the unintentional deletion of messages. Therefore, do not use this attribute to limit a folder selection.

- **Cannot create expiration rules through the command line.** (491761)

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.

- **The % character does not work correctly in expiration rules.** (513421)

A possible work-around is to use `*` instead.

- **Domain cache does not refresh.** (513328)

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.

- **Incremental `dirsync` and HA.** (522024)

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`

- **Administration Server access control host names are case-sensitive.** (523266)

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.

- **On a Solaris client with a Netscape browser, Administration Console can only launch Help if a browser is already open.** (526629, 528745)

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.** (528745)

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`.

- **On Solaris in the MTA, Job Controller might crash if a big backlog exists.** (531945)

The return job causes this behavior. The likelihood of a crash increases when debugging is turned on. Typical behavior in this situation is for the Job Controller to crash at about 00:35.

- **As of iPlanet Messaging Server 5.1, SMTP logging to mail.log_current is turned off by default.** (529439)

Refer to the Administration Guide on how to enable SMTP logging.

- **Some POP mail clients will not accept @ in a user ID.** (531115)

A login name such as `uid@domain` is not accepted in certain POP mail clients, such as Netscape Messenger 4.76, Netscape Messenger 6.0, and Microsoft Outlook Express on Windows 2000. The work-around is as follows:

- a. Configure the server to use both + and @. This change can be implemented with the following command: `configutil -o service.loginseparator -v "+@"`
- b. Inform POP client users that they should log in with + as the login separator, not @.
- **The `imsdaaci` command does not create the Service Administrator user entry.** (532720, 541357)

The user needs to become a member of the Service Administrator group in order to have Service Administrator privileges. To make the user a member of the group, you can add the user DN to the `uniquemember` attribute of the Service Administrator group.

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
```

- **On Solaris, upon startup, Console might display spurious error messages related to the Sun Cluster environment.** (533868)

For example, you might see an error message such as:

```
Cluster.PMF.pmf: Error opening procfs control file
/proc/384/ctl for tag rg.rs.0.svc: No such file or directory
```

You can ignore these messages.

- **CRAM-MD5/DIGEST-MD5 do not work with external SMTP connections.** (536121)

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
```

- **SMTP does not support SSL client certificate authentication.** (536139)

- **The MMP BadGuy configuration parameter, BGExcluded, does not work.** (541813)

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.

- **On a Solaris client with a Netscape browser, certain fonts for Japanese Kanji characters might not display properly.** (542100)

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.

- **To take effect, changes made using configutil often require a restart of the affected server or servers.** (542441)
- **Authorized senders cannot send to a mailing list if they are external to LDAP.** (542544)

As an example, if `list1@sesta.com` has specified the allowed broadcaster `user@varrius.com`, that user will not be able to send to the list.

- **Messaging Server does not support multiple instances under the same server root.** (543414)
- **Some options in the quotacheck utility are not working properly.** (543473)

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.

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.

- **The iPlanet Web Server publishing feature is incompatible with iPlanet Delegated Administrator for Messaging and Collaboration.** (542745)

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

- **On Windows NT, to turn on Secure Sockets Layer (SSL) for iPlanet Delegated Administrator for Messaging and Collaboration, you need to do the following:** (521606)

Copy:

iDA_ROOT\nda\lib\jss21.dll

to:

iWS_ROOT\bin\https\jss21.dll

(*iDA_ROOT* is the root for iPlanet Delegated Administrator; *iWS_ROOT* is the root for iPlanet Web Server.)

- **On Windows NT, to turn on SSL from imadmin to iPlanet Web Server, you need to do the following:** (543327)

- a. Edit *SERVER_root*\ndacli\bin\imadmin.bat to modify the line which has set CPATH= by inserting the following along with the existing paths:

```
%INSTPATH%\ndacli\lib\xpclass.jar;
```

- b. Copy:

SERVER_root\ndacli\lib\jss21.dll

to:

SERVER_root\ndacli\bin\jss21.dll

- c. If your WINNT\system32 directory does not have libnspr3.dll, libplc3.dll, and libplds3.dll, copy these from:

SERVER_root\bin\msg\admin\bin

to:

SERVER_root\ndacli\bin

- **On HP-UX 11.0, to turn on SSL from imadmin to iPlanet Web Server, you need to do the following:** (543422)

- a. Copy:

IDA_ROOT/nda/lib/libjss21.sl

to:

iMS_ROOT/ndacli/lib/libjss21.sl

- b. From *iMS_ROOT*/bin/msg/lib, copy the following:

libnspr3.sl, libplc3.sl, and libplds3.sl

to:

iMS_ROOT/ndacli/lib

- c. Edit *iMS_ROOT*/ndacli/imadmin and replace all reference to LD_LIBRARY_PATH with SHLIB_PATH

(*iDA_ROOT* is the root for iPlanet Delegated Administrator; *iWS_ROOT* is the root for iPlanet Web Server.)

- **Upgrade for iPlanet Delegated Administrator for Messaging and Collaboration does not work.** (526237)

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.
- **Cannot Create/Manage Mail Lists from My Account page of Top-Level Administrator.** (530821)

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 multibyte characters in the domain organization name.** (531972)
- **You cannot create a new domain with an existing user/group subtree (Domain Container DN).** (533239)

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 (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
```

- **iPlanet Delegated Administrator for Messaging and Collaboration does not support different vacation messages for different languages.** (534680)
- **On Solaris 2.6, in the ja_JP.PCK locale, a patch is required.**(535591)

The `imadmin` command line utility will not work properly without the 106361-10 patch. This is one of the recommended patches for Solaris SPARC 2.6 and is available at:

<http://access1.sun.com>

- **On Windows NT, native mail delivery is not supported.** (539568)

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
```

- **On Solaris, pass-through authentication is required for separate configuration and user/group directories. (540074)**

If you have separate configuration and user-group directories, to run `imadmin user purge` you must set up pass-through authentication for the configuration directory to point to the user/group directory.

This will pass the authentication of service administrator performed by the Administration Server—before it can run the Common Gateway Interface (CGI) to delete user mailboxes—to the user/group directory.

You need to add the following line (one single line) in your configuration directory's `slapd.conf` file:

```
plugin preoperation on "Pass Through  
Authentication" "SERVER_ROOT/lib/passthru-plugin.so"  
passthruauth_init "ldap://ugldap.varrius.com/SEARCH_BASE"
```

SEARCH_BASE can be `o=varrius.com` or `o=internet` that is your OSI suffix in the user/group directory, but if this search base exists in the configuration directory as well, then give a narrower search base—for example `dc=iplanet,dc=com,o=internet`—that does not exist in your configuration directory; therefore, if the suffix (or search base) exists in the configuration directory also, it will not work.

Refer to the following site for details on how to use the pass-through authentication plug-in:
<http://docs.iplanet.com/docs/manuals/directory/41/technote/passthru.htm>

- **When using the Delegated Administrator for Messaging and Collaboration GUI, only the Top Level Administrator can remove a user from a Family Group. (540590)**

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.

- **Common Name (cn) and cn:lang-xx attributes cannot be modified with iPlanet Delegated Administrator for Messaging and Collaboration web interface. (534680)**

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.

- **Attempts to create a domain fail if a subdomain of it already exists. (541332)**

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, 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”.** (543067)

iPlanet Messenger Express

The following are known problems with iPlanet Messenger Express:

- **HTML attachments received in a different character set than that being used by the browser display incorrectly.** (348442, 355772)

This problem is more likely to occur in Japanese than in other languages. To display the attachment correctly, view it in a new window.

- **When using Netscape Navigator 4.x with Messenger Express, any window resize causes the session to return to the Inbox message list.** (401749)
- **Personal Address Book (PAB) does not work with replicated LDAP servers due to latency issues.** (523005)

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

- **Japanese EUC locale issues when using Netscape Communicator browser on Solaris.** (531122, 531286).

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

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

- **For Messenger Express, if using Internet Explorer, you should use Internet Explorer E 5.5 SP1.** (533271)

If you are using Internet Explorer 5.5, Messenger Express might stop running after the login screen. Use Internet Explorer 5.5 Service Pack 1 (SP1) if you encounter this behavior.

- **Changes to the preferred language setting do not take effect immediately.** (534841)
The changes might not take effect for up to fifteen minutes or more.
- **Messenger Express with Greek on Netscape Communicator creates various issues.** (538064)
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.
- **On Internet Explorer 5.0, very large messages are truncated when placed into the Sent folder.** (541409)
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 SP1.

Documentation Changes

This section describes any errors or changes to the iPlanet Messaging Server 5.1 documentation set.

NOTE The online version of the 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 documentation.

- **The online help does not coincide with pages referring to vacation and autoresponder rules.** (535687)
The online help for these pages describes the "Vacation Start Time" and "Vacation End Time" fields. However, these fields do not appear on the interface. Disregard these fields on the online help. Note, information on "Vacation Start Date" and "Vacation End Date" is valid.
- **Configuring the Directory Server plug-ins.** (548147)

In Chapter 2, Step 2, sub-section titled “To Configure the Directory Server Plug-ins,” step 2b contains an error. Change the following sentence from:

“Perform one of the following in order to include the counter plug-ins.”
to

“Perform both of the following in order to include the counter plug-ins.”

- **Procedure for allowing the imadmin purge utility to work across multiple message stores needs to be added to documentation.** (525531)
 - a. For each message store and its associated Administration Server, add `MsgSvr$N-name`, `MsgSvr$N-adminurl`, and `MsgSvr$N-cgipath` to the iPlanet Delegated Administrator file: `resource.properties`. Find this file through the following path:

```
iDA_INSTALL_DIRECTORY/nda/classes/netcape/nda/servlet/resource.properties
```

For an explanation of these configuration parameters, see the *iPlanet Delegated Administrator for Messaging and Collaboration Installation and Administration Guide*, chapter titled “Installation Instructions”, step titled “Install Delegated Administrator;” for Unix see “Install Screen 4—Enable Purge Command”; for Windows NT, see “Install Screen 5—Messaging Server Information”.

- b. In order to allow for connections from the iPlanet Delegated Administrator host to the Administration Server hosts, change all the Administration Server's connection restrictions, if necessary. Make these changes from the Configuration tab in Administration Server Console.

Installation Guide for UNIX

- **Step 1 of upgrade instructions should be clarified.** (545654)

In Appendix D of the iPlanet Messaging Server 5.1 Installation Guide for UNIX, the first step in the upgrade instructions should state the following:

1. Shut down all instances of Messaging Server before performing the upgrade. Note that you should not shut down the Directory Server, otherwise the upgrade process will fail.

Messenger Express Customization Guide

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

- **Customizing users' default LDAP attributes.** (394441)

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 webmail 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 homepage:

```
configutil -l -o service.http.extrauserldapattrs -v myuserclass,homepage:w
```

- **Code Example 3-12, Altering Address Window Text, does not work.** (546273)

This code example does not work because the code is not able to take the entry from the `il8n_ldap_controls()` function in `inl8n.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`.

Migration Guide

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

- **mgrpAllowedBroadcaster: Group value not working.** (396008)
(For more information about 396008, see the section on changes to the *Provisioning Guide*.)

In Chapter 1, under “Netscape Messaging Server 4.x Regressions/Changes/Transitions,” remove the entire section labeled “Group Attribute `mgrpAllowedBroadcaster` Does Not Take a Group as a Valid Value.” Furthermore, in Chapter 1, under “SIMS 4.0 Regressions/Changes/Transitions,” replace all the text in the section labeled “Allowing or Blocking Access to a Mailing List” with the following:

You can set `mgrpAllowedBroadcaster` or `mgrpDisallowedBroadcaster` to the address of a static group, however, nested groups--groups within groups--are not supported. For specific posters, set these attributes to the address of a specific allowed poster or specify as a dynamic group (LDAP search using URL criteria).

- **Setting an Authorized Sender in a Mailing List. (523118)**

In Chapter 1, under “Netscape Messaging Server 4.x Regressions/Changes/Transitions,” the following information on authorized senders should be added:

If you try to set an authorized sender, the attribute of `mgrpAllowedBroadcaster` will be set in LDAP for a mailing list which will disallow everyone else from sending to the mailing list. For example, listing `mike` as an authorized sender means that `mike` is the only one who is allowed to send to that mailing list.

- **Locating schema files and enabling Multi-schema Support on Sun Internet Mail Server. (540978)**

In Appendix B, under the section titled “Supporting Multiple Schemas,” a location for the two merged schema files, `merged.oc.conf` and `merged.at.conf` is given. The location is incorrect; it is listed as: `CDRoot/solaris/migrate/schema`

The correct locations, which depend upon the operating system, are:

HP-UX: `CDRoot/HPUX/ims/msg/msg.zip`

Windows NT: `CDRoot/ntx86/ims/msg/msg.zip`

Solaris: `CDRoot/Solaris/ims/msg/msg.zip`

In the same section, under the sub-section “Enabling Multi-schema Support on SIMS,” in Step 3, the last sentence reads “Note that `merged.oc.conf` must be included first.” It should read: “Note that `merged.at.conf` must be included first.”

- **Functionality is enabled during installation making documentation unnecessary. (no bugid)**

In Appendix B, section titled “Using Existing Directory Information Trees in the iPlanet Messaging Server,” sub-section titled “Mapping Server Namespace with a Single Domain to an iPlanet Messaging Server Namespace,” the following information appears:

This namespace configuration will now support Delegated Administrator and hosted domains. To add Delegated Administrator functionality, run the `imsdaaci` command (packaged with the migration toolkit). This generates an LDIF file that can be used to create a Delegated Administrator Service Administrator Group and Delegated Administrator Domain Administrator Group along with the required ACIs.

```
<ServerRoot>/bin/msg/migrate/bin/imsdaaci
```

Use `ldapmodify` to add the LDIF file into the DIT. For an explanation of the ACIs refer to the *iPlanet Messaging Server Provisioning Guide*.

The functionality discussed above is generated during installation and does not require that any further steps be taken; therefore, the information can be ignored.

Provisioning Guide

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

- **Using Nested Groups in Mailing List Restrictions.** (396008)

(For more information about 396008, see the section on changes to the *Migration Guide*.)

In Chapter 5, under “Creating Posting Restrictions on Mailing Lists,” one of the bulleted items reads as follows:

`mgrpDisallowedBroadcaster` specifies addresses restricted from posting messages to the list. The sender’s address is compared against those in this attribute. If there is a match then the message is rejected.

Under this item, add the following note:

NOTE You can set `mgrpAllowedBroadcaster` or `mgrpDisallowedBroadcaster` to the address of a static group, however, nested groups—groups within groups—are not supported. For Specific posters, set these attributes to the address of a specific allowed poster or specify as a dynamic group (LDAP search using URL criteria).

- **Feature not to be implemented until iPlanet Messaging Server 5.2.** (no bugid)

In Chapter 2, section titled Domain Tasks, the sub-section titled Setting a Welcome Message for a Domain is a description of a feature that is not available in iPlanet Messaging Server 5.1; it will be available in 5.2.

Reference Manual

- **Listed option is no longer valid.** (546343)

In Chapter 5, section titled Tailor File, table 5.19 lists tailor file options; the `IMTA_LDAP_SERVER` option is no longer valid and should be removed.

Schema Reference Manual

- **Information on mailSMTPSubmitChannel is incomplete.** (539409)

In the Schema Reference Manual, Chapter 2, Attributes: the `mailSMTPSubmitChannel` is improperly defined.

The second sentence in the definition currently reads:

When defined, this attribute tells the MTA that if SMTP is successful, consider the channel named by this attribute to be the effective submission channel.

It should read as follows:

When defined, this attribute tells the MTA that if SMTP AUTH is successful (that is, if this is an authenticated SMTP session as per RFC 2554), consider the channel named by this attribute to be the effective submission channel.

Also, the example for this attribute is: `mailSMTPSubmitChannel: tcp_guaranteed`, which is sufficient. However, an example that is more likely to occur is: `mailSMTPSubmitChannel: tcp_tas`.

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>

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