

# Sun Java™ System Migration Guide for Messaging Server for HP-UX

Version 6 2005Q1

Part Number 819-4080-05

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This guide describes how to upgrade from Messaging Server 5.2 to 6.0.

Prior to performing the upgrade, ensure the following:

- Messaging Server 6 2004Q2 is installed and configured on the same system as the Messaging Server 5.2 system.

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**NOTE** Unlike previous versions of Messaging Server, you cannot upgrade your existing Messaging Server without first installing and configuring Messaging Server 6 2004Q2.

Also note that you cannot use this upgrade program with Messaging Server versions older than version 5.2. Therefore, you must first migrate or upgrade to Messaging Server 5.2, install Messaging Server 6 2004Q2 and then run this upgrade program. See the *iPlanet Messaging Server 5.2 Migration Guide and Installation Guide* for more information on migrating to Messaging Server 5.2.

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- Existing Messaging Server 5.2 installations are configured with MTA Direct LDAP Lookup not with `imsimta dirsync`.
- In addition, Messaging Server 6 2004Q2 does not support multiple instances. If you have multiple instances of Messaging Server version 5.2, you may only choose one instance to upgrade to Messaging Server 6 2004Q2. Furthermore, running the upgrade utility more than once in an attempt to migrate multiple instances will overwrite your configuration.

# Overview of the Upgrade Process

There are two steps to upgrading from Messaging Server 5.2 to Messaging Server 6.0. The following topics outline the process:

1. [Creating Upgrade Files to Update Your Configuration](#) (UpgradeMsg5toMsg6.pl)
2. [Running the Upgrade Utility](#) (do\_the\_upgrade.sh)
  - o [MTA Configuration](#) (make\_mta\_config\_changes.sh)
  - o [configutil Parameters](#) (make\_configutil\_changes.sh)
  - o [Backup Configuration](#) (make\_backup\_config\_changes.sh)
  - o [mbxlist Database](#) (make\_mbxlistdb\_changes.sh)

## Creating Upgrade Files to Update Your Configuration

This section describes how special upgrade files are created in order to update your configuration on your Messaging Server 6.0 system:

- [About Upgrade Files](#)
- [Running the UpgradeMsg5toMsg6.pl Perl Script](#)

### About Upgrade Files

Prior to running an upgrade utility to move from Messaging Server 5.2 to 6.0, you first need to run the UpgradeMsg5toMsg6.pl Perl script (located in msg\_svr\_base/sbin).

UpgradeMsg5toMsg6.pl compares your 5.2 configuration files with your 6.0 configuration files and creates to sets of files for each configuration file: \*.CHANGES files and \*.MERGED files.

The \*.CHANGES files and \*.MERGED files are generated in the workspace directory, /var/tmp/UpgradeMsg5toMsg6.ScratchDir.

The \*.CHANGES files show critical configuration file differences between Messaging Server 5.2 and Messaging Server 6.0. These files highlight the configuration entities that are only found in Messaging Server 6.0, the configuration entities from Messaging Server 5.2 that are obsolete in Messaging Server 6.0, and the configuration entities that are only found in the Messaging Server 5.2. Note that not all \*.CHANGES files will show differences between the versions of configuration files, and not all configuration files will generate \*.CHANGES files.

The \*.MERGED files are a consolidation of Messaging Server 5.2 and 6.0 configuration values and settings. In general, configuration parameter values from Messaging Server 5.2 are retained over the Messaging Server 6.0 version if:

- There is no default value in the Messaging Server 6.0 version, or
- The value specified in your 5.2 configuration is not a default setting.

The following table lists the configuration files that generate \*.MERGED or \*.CHANGES files:

**Table 1** Messaging Server Configuration Files That Generate \*.MERGED or \*.CHANGES files

<b>Configuration Information</b>	<b>Description</b>	<b>Generates *.MERGED File</b>	<b>Generates *.CHANGES File</b>
job_controller.cnf	Job Controller File	X	X
conversions	Conversions File	X	
channel_option, where channel is an SMTP channel	SMTP channel option files	X	
native_option	Native channel option file (exception to channel_option)	X	X
channel_headers.opt, where channel is an SMTP channel	Header option files	X	
dispatcher.cnf	Dispatcher File	X	X
imta_tailor	Tailor File	X	X
option.dat	Global MTA Option File	X	X
aliases	Aliases File	X	

**Table 1** Messaging Server Configuration Files That Generate \*.MERGED or \*.CHANGES files  
(Continued)

<b>Configuration Information</b>	<b>Description</b>	<b>Generates *.MERGED File</b>	<b>Generates *.CHANGES File</b>
imta.cnf	MTA Configuration File; only the include references (like file directory locations) are changed. Rewrite rule and channel settings are retained from your 5.2 configuration. To include LMTP in your imta.cnf, copy the LMTP information from your 6.0 imta.cnf file.	X	In some instances, a *.CHANGES file may be generated.
mappings	Mappings File	X	
mappings.locale	Localized Mappings File	X	
internet.rules	Internet Rule Configuration File	X	
backup-groups.conf	Backup Group Definitions	X	X
configutil	Changes of configuration parameters in local.conf and msg.conf configuration files.		X

## Running the UpgradeMsg5toMsg6.pl Perl Script

To run the UpgradeMsg5toMsg6.pl to create sets of files by which you will be able to update your configuration, follow these steps:

1. Run the UpgradeMsg5toMsg6.pl upgrade script (located in msg\_svr\_base/sbin) against the msg-instance of 5.2 version and the msg\_svr\_base of the 6.0 version. For example:

```
perl UpgradeMsg5toMsg6.pl /usr/iplanet/server5/msg-budgie
/opt/sun/messaging
```

where, /usr/iplanet/server5/msg-budgie is the msg-instance of the 5.2 Messaging Server and /opt/sun/messaging is the msg\_svr\_base of the 6.0 Messaging Server.

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**NOTE** Messaging Server 6.0 does not support multiple instances. If you have multiple instances of Messaging Server version 5.2, you may only choose one instance to upgrade to Messaging Server 6.0. Furthermore, running the upgrade utility more than once in an attempt to migrate multiple instances will only result in you overwriting your configuration.

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\*.MERGED and \*.CHANGES files (as described in [Table 1](#)) will be created.

2. Carefully review the \*.MERGED files; if you don't want to use the suggested recommendations, you must manually adjust the settings.
3. Carefully review and validate configutil.in file, if you don't want to use the suggested recommendations, you must manually adjust the settings. Manually add Partition path to configutil.in file which should point to Messaging Server 5.2 partition.

This utility does not update the Messenger Express customization files. Therefore, you need to manually change these files in order to keep the relevant information from Messaging Server 5.2 and add any new information from the Messaging Server 6.0 installation.

# Running the Upgrade Utility

This section describes the `do_the_upgrade.sh` utility (located in `/var/tmp/UpgradeMsg5toMsg6.ScratchDir`), a shell script that is made up of four sub-scripts. The following topics are covered in this section:

- [Overview of the Upgrade Utility](#) (`do_the_upgrade.sh`)
- [MTA Configuration](#) (`make_mta_config_changes.sh`)
- [configutil Parameters](#) (`make_configutil_changes.sh`)
- [Backup Configuration](#) (`make_backup_config_changes.sh`)
- [mboxlist Database](#) (`make_mboxlistdb_changes.sh`)

## Overview of the Upgrade Utility

The `do_the_upgrade.sh` utility is made up of four shell scripts that, with your `*.MERGED` files, update the configuration and file directory locations of your MTA configuration, your configutil parameters, backup parameters, and your mboxlist database in your Messaging Server 6.0 system.

You can either run the `do_the_upgrade.sh` utility, or you can individually run one or more of the scripts that make up the `do_the_upgrade.sh` utility (`make_mta_config_changes.sh`, `make_configutil_changes.sh`, `make_backup_config_changes.sh`, and `make_mboxlistdb_changes.sh`).

To run the `do_the_upgrade.sh` utility:

```
#sh /var/tmp/UpgradeMsg5toMsg6.ScratchDir/do_the_upgrade.sh
```

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**NOTE** When executing either the `do_the_upgrade.sh` utility or any of the sub-scripts, be sure that neither Messaging Server 5.2 nor 6.0 is up and running.

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After running the `do_the_upgrade.sh` script, you can either continue to reference your 5.2 partition paths (though you will not be able to remove your Messaging Server 5.2 server-root directory) or you can manually move the 5.2 store partitions to the appropriate Messaging Server 6.0 directory location. You should perform this step prior to restarting Messaging Server.

## MTA Configuration

The MTA upgrade configuration sub-script that makes up of part of the `do_the_upgrade.sh` utility is called `make_mta_config_changes.sh` (located in `/var/tmp/UpgradeMsg5toMsg6.ScratchDir`).

The `make_mta_config_changes.sh` script backs up, renames, and moves the `*.MERGED` server configuration files to their original names and locations within the Messaging Server 6.0 file directory structure.

Once the script has finished renaming and moving the files, it automatically runs the `imsimta cnbuild` command to recompile the MTA configuration.

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**NOTE** If you want to upgrade an MTA relay machine from Messaging Server 5.2 to Messaging Server 6.0, you only need to run the `make_mta_config_changes.sh` and the `make_backup_config_changes.sh` (described in Backup Configuration).

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## configutil Parameters

The `configutil` upgrade configuration sub-script that makes up part of the `do_the_upgrade.sh` utility is called `make_configutil_changes.sh` script (located in `/var/tmp/UpgradeMsg5toMsg6.ScratchDir`).

The `make_configutil_changes.sh` script incorporates new or updated parameters in the `msg.conf` and `local.conf` files. If default values are not specified in `configutil` parameters in Messaging Server 6.0, any Messaging Server 5.2 values are carried forward to the Messaging Server 6.0 version.

## Backup Configuration

The backup upgrade configuration sub-script that makes up part of the `do_the_upgrade.sh` utility is called `make_backup_config_changes.sh` script (located in `/var/tmp/UpgradeMsg5toMsg6.ScratchDir`).

The `make_backup_config_changes.sh` script upgrades the configuration of your backup services such as those in your `backup-groups.conf` file.

## mboxlist Database

The mboxlist database upgrade configuration sub-script that makes up part of the `do_the_upgrade.sh` utility is called `make_mboxlistdb_changes.sh` script (located in `/var/tmp/UpgradeMsg5toMsg6.ScratchDir`).

The `make_mboxlistdb_changes.sh` script transfers and upgrades your 5.2 mboxlist database and upgrades it to the Messaging Server 6.0 directory structure. The script copies the four `*.db` files (`folder.db`, `quota.db`, `peruser.db`, and `subscr.db`) from `server-root/msg-instance/store/mboxlist` on your Messaging Server 5.2 system to `msg_svr_base/data/store/mboxlist` on your Messaging Server 6.0 system.