

SCO ODT MMDF SLS

## *Release and Installation notes*

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### *Distribution Contents*

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This SLS:

- updates MMDF-II patch level 32 to patch level 43
- introduces additional functionality, for example, a more robust locking mechanism on how to lock a users mailbox
- supports **sendmail** *.forward* files
- supports the Berkeley Internet Name Daemon (BIND)
- supplies a utility to help configure MMDF

### *Documentation*

Included with this SLS are:

- Installation notes
- manual pages
- a chapter entitled "Setting up electronic mail"

### *Installation media*

The MMDF SLS is distributed on two media:

1. 96 tpi diskettes
2. 135 tpi diskettes

## ***Known problems and limitations***

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As a result of **execmail** being “setuid root”, it sets its real and effective user IDs to be **mmdf**. For this reason, user-based authentication does not work for locally generated mail.

## ***Installation notes***

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Before installing the MMDF SLS, make sure that the MAIL package is already installed. The MAIL package is found in extended utilities. See the Installation Guide for information on installing packages with **custom**.

### ***Diskspace requirements***

Since MMDF SLS overwrites many of the files from the MAIL package, the SLS provides an optional backup procedure. This allows for retrieval of the original MAIL files if the SLS is removed. Saving the MAIL files requires approximately 2.5 MB of disk space. The SLS backup option displays an estimate of disk space required before the backup starts. If there is not enough disk space available, the backup will fail.

**NOTE** If the disk space used to backup the MAIL system is required, these files can be moved on to floppy disks or tape.

After the backup has completed, the system displays a message indicating the exact amount of disk space used.

If the backup option is not selected, there is no easy way to remove the SLS and retrieve the original MAIL files.

## ***Installing the MMDF SLS***

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To install the SLS, follow these steps:

1. Log in as *root* (the “superuser”) and bring the system to system maintenance mode.
2. Check available disk space (for backup process)  
**df /usr/lib/custom**
3. Enter the following command at the prompt:  
**custom**
4. The main custom menu appears. Select: Install.
5. Select: A New Product.

6. Select: Entire Product. The following message appears:

```
Insert: Distribution
      Floppy Volume 1
```

Insert floppy volume 1 into floppy drive 0, then press <Return>.

This message appears on the screen:

```
Installing custom data files...
```

```
Executing Product Prep Script...
```

The system then displays the following backup message:

```
Creating list of files to be overwritten ...
```

```
You now have the opportunity to backup
all files that may be overwritten during this
product's installation.
```

```
You can restore these files if required.
```

```
You will need to verify that you have
enough disk space available if you
choose to backup. This product puts its
backup files in the following location:
/usr/lib/custom/mmdfs1s1/backup
```

```
Do you want to see the file list ? (y/n)
```

```
It is estimated that you will need the
following amount of space to backup
the selected files online.
```

```
Computing estimate
in 512 byte blocks...
```

```
(the estimated number of blocks is displayed)
```

```
Do you want to backup these files ? (y/n)
```

7. This step is optional. If a backup of the mail system is required, then enter **Y** to the prompt. A list of files being backed up is displayed. If a backup is not required, then enter **N** to the prompt.
8. To continue with the install, regardless of whether or not the backup option was chosen, press the <Return> key. The following message is displayed:

```
Insert: SCO ODT MMDF SLS
      Floppy Volume 1
```

Insert floppy volume 1 into floppy drive 0, then press <Return>.

This message appears on the screen:

```
Extracting files ...
```

9. After the installation has completed the following message is displayed:

```
Executing SCO ODT MMDF SLS Init Script
```

```
The user mmdf must run the script /usr/mmdf/bin/cvttai in order to
convert your existing mmdftailor file from the old format to the new
format. This script will create an mmdftailor file called
"mmdftailor.new". This must be installed as "/usr/mmdf/mmdftailor",
and any existing deliver daemons must be restarted, before the
installation will be complete.
```

### *Executing the cvttai script*

After exiting custom, before MMDF is used, the script *cvttai* must be executed.

To execute the **cvttai** script follow these steps:

1. Log in as user **mmdf** in single user mode
2. Enter the following command at the prompt:

```
cd /usr/mmdf
```

3. Execute the following command:

```
/usr/mmdf/bin/cvttai
```

The following message is displayed:

```
conversion done. new mmdftailor in mmdftailor.new
```

4. Save a copy of the original *mmdftailor* file. For example:

```
cp mmdftailor mmdftailor.old
```

5. Copy the new *mmdftailor* to *mmdftailor*:

```
cp mmdftailor.new mmdftailor
```

## *Removing the SLS*

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To remove this SLS and restore the previous MAIL system follow these steps:

1. Log in as *root* (the "superuser") and bring the system to system maintenance mode.
2. Enter the following command at the prompt:  
**custom**
3. The main custom menu appears. Select: Remove.
4. Select: SCO ODT MMDF SLS

5. Select: ALL to remove entire SCO ODT MMDF SLS set The following messages are displayed:

```
Executing SCO ODT MMDF SLS Removal Script:
Checking for files to be restored...

The following messages will be displayed only if
the backup option was selected:

Files that were overwritten during installation
have been backed up in : /usr/lib/custom/mmdfs1/backup

Restoring these files to their original location
will bring your system to its prior state,
if no other products have overwritten these files.
```

The following menu will appear:

```
Choose an option for product mmdfs1

1. Restore Backup Files
2. List Backup Files
3. Delete Backup Files and continue with product removal
4. Quit this product removal

Enter you selection:
Respond or enter q to quit
```

6. Select: 1, to restore the backup files.  
After the MAIL files are restored the following menu is displayed:

```
Choose an option for product mmdfs1

1. Restore Backup Files
2. List Backup Files
3. Delete Backup Files and continue with product removal
4. Quit this product removal

Enter you selection:
Respond or enter q to quit
```

7. Select: 3, to remove the backup files. The following messages are displayed:

```
Creating file list ...
Removing files ..
```

8. After the removal process has completed, exit **custom**

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