

**SCOoffice Mail Server**

# **Section 8 Manual Pages**

**The SCO Group**



## **Section 8 Manual Pages**

by The SCO Group

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# Table of Contents

<b>I. Section 8 .....</b>	<b>7</b>
imapcp .....	9
msgaclget .....	12
msgaclset .....	14
msgaliasadd .....	17
msgaliascreate .....	19
msgaliasdelete .....	22
msgaliaslist .....	23
msgaliaslistall .....	26
msgaliasmigrate .....	28
msgaliasremove .....	30
msgaliasreplace .....	32
msgcalendarlistnodes .....	33
msgdomaincount .....	35
msgdomaincreate .....	36
msgdomaindelete .....	37
msgdomainlist .....	39
msgdomainlistall .....	40
msgdomainmodify .....	41
msgdomainmove .....	42
msgimpsetup .....	44
msginboxcreate .....	45
msgiplanetmigrate .....	46
msgldaphost .....	49
msgserviceaction .....	51
msgservicelist .....	53
msgservicelistall .....	55
msgsievebuild .....	58
msguninstall .....	59
msgusercreate .....	61
msguserdelete .....	64
msgusergetaliases .....	65
msguserisadmin .....	66
msguserlist .....	68
msguserlistall .....	71
msgusermigrate .....	75
msgusermod .....	77
msguserpw .....	82

msgvscan.....83

# I. Section 8



# imapcp

## Name

imapcp — migrate existing IMAP mailboxes to SCOffice Mail Server

## Synopsis

```
/opt/lsb-sco.com/msg/bin/imapcp [-f] [-v] [-s] < migration_file
```

## Description

The **imapcp** utility migrates mailboxes from an existing mail server to the SCOffice Mail Server. Migration is supported from any IMAP-compatible mail server, including Microsoft Exchange and the University of Washington (UW) IMAP server provided with most popular versions of UNIX and Linux operating systems.

Any OpenLinux system user can run the **imapcp** utility. However, we recommend that there not be system accounts for SCOffice Mail Server users and that only the SCOffice Mail Server *admin* user run the utility as *admin*.

The following options are supported:

**-f**

Only copies mail into mailboxes that do not already exist on the target system. Important option for use on systems where shared mailboxes may appear in multiple users name space.

**-v**

Verbose; displays additional information about the mailbox migration process.

**-s**

Migrate only mailboxes to which a user is subscribed. This is useful for some IMAP systems where the default offers the entire contents of the user's home directory via IMAP.

The migration file is created by the administrator performing the migration process. It must contain information about the users being migrated, one per line. The format of each user line is:

```
servera usera passworda roota serverb userb passwordb rootb
```

where the field names are:

***servera***

The name of the mail server from which you are migrating.

***usera***

The user name of the mail account that you are migrating.

***passworda***

The user's mail account password on the server from which they are migrating.

***roota***

The root of the IMAP directory; for Exchange servers, this value should be set to " ".

***serverb***

The name of the mail server to which you are migrating

***userb***

The user name of the mail account on the new server.

***passwordb***

The user's new mail account password.

***rootb***

The root of the IMAP directory; on systems upgrading from Volution Messaging Server 1.1 the SCOoffice Mail Server, this value will need to be set to INBOX. For freshly installed SCOoffice Mail Server systems, the value can be " "

## Examples

Here is a migration file sample entry for migrating an account from Microsoft Exchange 5.5 to the *SCOoffice* Mail Server:

```
exchange.microsoft.com bgates domination "" vmsg.caldera.com bgates CaLm ""
```

Here is a multi-line sample entry for migrating accounts from one *SCOoffice* Mail Server to another:

```
vmsg.caldera.com ransom lOVe INBOX vmsg.caldera.uk ransom lOVe INBOX
vmsg.caldera.com romney gOLd INBOX vmsg.caldera.uk romney gOLd ""
```

**Note:** When migrating from legacy UNIX or Linux servers using the University of Washington IMAP server, we recommend using the **-s** option to migrate only subscribed mailboxes.

**Note:** When migrating from Microsoft Exchnage servers, we recommend using the **-f** option to migrate only mailboxes that do not exist on the new server.

## Files

*/opt/lsb-sco.com/msg/bin/imapcp*

the **imapcp** Python script

*/opt/lsb-sco.com/msg/bin/imapcplib.py*

the **imapcp** library

## See also

**ldap(3)**, *ldif(5)*, Cyrus documentation

## Acknowledgements

This software is based on **imapcp** software created by Jean-Philippe Langlois. **imapcp** software is released under the GNU GPL; see the license file for details. Copyright© 2001 by Jean-Philippe Langlois (jpl@iname.com).

## msgaclget

### Name

`msgaclget` — get current state of LDAP access controls

### Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaclget [ attributes ]
```

### Description

The **msgaclget** *SCOoffice* Mail Server utility is a Perl script that returns the current Access Control List (ACL) settings in the LDAP datastore. The settings can be *TRUE* or *FALSE* unless otherwise indicated.

This information can also be set and displayed with the **Server Manager** in the **System** menu under **User Access**

Only the *SCOoffice* Mail Server *admin* user can use the **msgaclget** tool.

The following options are supported:

#### **-all**

Default; returns all parameters.

**-AllowUserAliasCreate**

Allows users to create and manage aliases.

**-AllowUserConfigWrite**

Allows users to change their profile information (such as phone number, address, and full name).

**-AllowUserEmbedAlias**

Allows users to embed aliases as members in other aliases.

**-AllowUserForwardWrite**

Allows users to change their forwarding preferences.

**-AllowUserPasswordWrite**

Allows users to change their passwords. The system administrator can always change users' passwords.

**-AllowUserRemoteWrite**

Allows users to add remote member entries as alias members. A *remote member* refers to an address in a different domain from the *SCOoffice* Mail Server user.

**-AllowUserSpamWrite**

Allows users to change their junk mail filter preferences.

**-AllowUserVacationWrite**

Allows users to change their vacation message preferences.

**-DefaultQuotaLimit**

Sets quota limits for user mailstores, including inbox and folders. Values are kilobytes of disk space;NONE sets no quotas.

**-DefaultSpamFilterEnabled**

Specifies the default value for the **msgusercreate(8) -spamfilterenabled** option. built-in attribute. This also affects the defaults for the *admin* user. The built-in default can be modified with the **msgusermod(8)**.

**-DefaultSpamDestroyEnabled**

Specifies the default value for the **msgusercreate(8) -spamdestroyenabled** built-in attribute. This also affects the defaults for the *admin* user. The built-in default can be modified with the

**msgusermod(8).**

**-EnableRblLookups**

Specifies to Postfix to use RBL for junk mail filtering.

**-rbl**

Specifies a Realtime Blackhole List (RBL) site to use. The default is a subscription-only site, the use of which must be contracted before this option can be used. This option can be enumerated for multiple sites.

## Files

*/opt/lsb-sco.com/msg/bin/msgaclget*

the **msgaclget** Perl script

## See also

**ldap(3)**, **msgaclset(8)**, **msgusercreate(8)**, **msguserdelete(8)**, **msguserlist(8)**, **msguserlistall(8)**

# msgaclset

## Name

**msgaclset** — modify the state of LDAP access controls

## Synopsis

*/opt/lsb-sco.com/msg/bin/msgaclset [ attributes ]*

## Description

The **msgaclset** *SCOoffice* Mail Server utility is a Perl script that returns the current Access Control List (ACL) settings in the LDAP datastore. Unless otherwise indicated, the settings can be *TRUE* (granted) or *FALSE* (denied); multiple conditions can be modified with the same command invocation. The **msgaclset** tool only sets values for the default local LDAP server.

This information can also be set and displayed with the **Server Manager** in the **System** menu under **User Access**.

Only the *SCOoffice* Mail Server *admin* user can use the **msgaclset** tool.

The following options are supported:

**-AllowUserAliasCreate=[TRUE|FALSE]**

Allows users to create and manage aliases. Default is *TRUE*.

**-AllowUserConfigWrite=[TRUE|FALSE]**

Allows users to change their profile information (such as phone number, address, and full name). Default is *TRUE*.

**-AllowUserEmbedAlias=[TRUE|FALSE]**

Allows users to embed aliases as members in other aliases. Default is *TRUE*.

**-AllowUserForwardWrite=[TRUE|FALSE]**

Allows users to change their forwarding preferences. Default is *TRUE*.

**-AllowUserPasswordWrite=[TRUE|FALSE]**

Allows users to change their passwords. The system administrator can always change users' passwords. Default is *TRUE*.

**-AllowUserRemoteWrite=[TRUE|FALSE]**

Allows users to add remote member entries as alias members. A *remote member* refers to an address in a different domain from the *SCOoffice* Mail Server user. Default is *TRUE*.

**-AllowUserSpamWrite=[TRUE|FALSE]**

Allows users to change their junk mail filter preferences. Default is *TRUE*.

**–AllowUserVacationWrite=[TRUE|FALSE]**

Allows users to change their vacation message preferences. Default is `TRUE`.

**–DefaultQuotaLimit=[ *Kb\_value*|NONE ]**

Sets or removes quota limits for user mailstores, including inbox and folders. Values are kilobytes of disk space; the value 0 is legal but will globally disable mail delivery. Default is `NONE`, which sets no quotas.

**–DefaultSpamFilterEnabled=[TRUE|FALSE]**

Specifies the default value for the `msgusercreate(8) –spamfilterenabled` built-in attribute. This also affects the defaults for the `admin` user. The built-in default can be modified with the `msgusermod(8)`. Default is `FALSE`.

**–DefaultSpamDestroyEnabled=[TRUE|FALSE]**

Specifies the default value for the `msgusercreate(8) –spamdestroyenabled` built-in attribute. This also affects the defaults for the `admin` user. The built-in default can be modified with the `msgusermod(8)`. Default is `FALSE`.

**–EnableRblLookups=[TRUE|FALSE]**

Specifies for Postfix to use RBL for junk mail filtering. Default is `FALSE`.

**–rbl=*name* [ –rbl=*name* ... ]**

Specifies a Realtime Blackhole List (RBL) site to use. The default `blackholes.mail-abuse.org` is a subscription-only site, the use of which must be contracted before this option can be used. This option can be enumerated for multiple sites.

**–delrbl=*name***

Deletes the specified member of the RBL list.

**–delallrbls**

Deletes the entire RBL list, including the default site.

## Files

`/opt/lsb-sco.com/msg/bin/msgaclset`

the `msgaclset` Perl script

## See also

`ldap(3)`, `msgaclget(8)`, `msgusercreate(8)`, `msguserdelete(8)`, `msguserlist(8)`, `msguserlistall(8)`

# msgaliasadd

## Name

`msgaliasadd` — add a member to a *SCOoffice* Mail Server alias

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliasadd alias_name additional_member(s)
    [ -loop]
```

## Description

The `msgaliasadd` utility is a Perl script that adds members to an existing *SCOoffice* Mail Server alias.

*SCOoffice* Mail Server alias membership can also be modified with the **Server Manager** in the **Aliases** menu under **Modify Aliases**

Only the *SCOoffice* Mail Server *admin* user can use the `msgaliasadd` tool.

To specify *alias\_name* use one of the following:

`-mail=alias_email_address`

where *alias\_email\_address* is the full email address of the alias.

**-name=*alias\_name* -domain*domain***

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

At least one of the following attributes must be entered for *additional\_member(s)*, although multiple arguments are allowed and arguments may be repeated:

**-owner=*mail\_address***

Add a new owner to an alias.

**-owneruid=*owner\_uid***

Add a new owner UserID to an alias.

**-member=*email\_address***

Add a member. *email\_address* is a search key used to find a *Distinguished Name (DN)*. In LDAP, the *DN*, not the mail address, is saved in the member attribute. If the address is not found, it will be added as a remote member. Use *memberuid* and *memberalias* to reject additions of invalid new members.

**-memberuid=*member\_uid***

Add the UserID of a new member.

**-memberalias=*member\_alias***

Add the alias name of a new member.

**-remote=*remote\_email\_address***

Add the email address of a new member who is remote or outside the locally controlled LDAP domain.

**-file=*file\_path***

Add this filename as a logfile to record all alias traffic. It must be a fully qualified path; that is, it must start with a "/".

**-program=*program\_path***

Add the given program as a "pipe to" entry to the alias. It must be a fully qualified path; that is, it must start with a "/".

The following argument is optional:

**-loop**

enable mail loop checks. When this option is enabled, **msgaliasadd** checks for *memberuid* and *memberaliases* (or members that resolve to aliases) that would cause a mail loop. If a mail loop is detected, an error is generated and the new addition rejected.

## Files

*/opt/lsb-sco.com/msg/bin/msgaliasadd*

the **msgaliasadd** Perl script

## See also

**msgaliascreate(8)**, **msgaliasdelete(8)**, **msgaliaslist(8)**, **msgaliaslistall(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**, **msgaliasreplace(8)**

# msgaliascreate

## Name

**msgaliascreate** — create a new SCOoffice Mail Server alias

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliascreate alias_name new_member(s)
[ -description="description" ] [ -joinable=[ TRUE|FALSE ] ]
```

## Description

The **msgaliascreate** utility is a Perl script that creates SCOoffice Mail Server aliases. Only the SCOoffice Mail Server *admin* user can use the **msgaliascreate** tool.

SCOoffice Mail Server aliases can also be created with the **Server Manager** in the **Aliases** menu under **Create Aliases**.

To specify the new *alias\_name* use one of the following:

**-mail=alias\_email\_address**

where *alias\_email\_address* is the full email address of the alias.

**-name=alias\_name -domain=domain**

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

**Note:** Aliases can be specified by either separate domain/name or joined by an @ sign. The name and the email address of an alias must match. Once created, alias names cannot be changed.

The **-name** attribute is stored in two places in LDAP, once in the *cn* (*commonName*) attribute and once in the *mail* attribute; both must be the same.

At least one of the following arguments must be entered for *new\_member(s)*, although multiple arguments are allowed and arguments may be repeated:

**-owner=mail\_address**

Specify an alias owner. At least one owner must be specified; multiple owners are allowed.

**-owneruid=owner\_uid**

Specify a UserID of an owner in this domain.

**-member=email\_address**

Specify new members with email addresses. Each address must be resolvable in the LDAP server. A member can be either a user or another alias name. *email\_address* is a search key used to find a *Distinguished Name (DN)*. In LDAP, the *DN*, not the mail address, is saved in the member

attribute. If the address is not found, it will be added as a remote member. Use *memberuid* and *memberalias* to reject additions of invalid new members.

**-memberuid=*member\_uid***

Add the UserID of a new member.

**-memberalias=*member\_alias***

Add the alias name of a new member. {TBC}

**-remote=*remote\_email\_address***

Add the email address of a new member who is remote or outside the locally controlled LDAP domain.

**-file=*file\_path***

Add this filename as a logfile to record all alias traffic. It must be a fully qualified path; that is, it must start with a "/".

**-program=*program\_path***

Add the given program as a "pipe to" entry to the alias. It must be a fully qualified path; that is, it must start with a "/".

The following arguments are optional:

**-description=*description***

Add a description of the alias.

**-joinable=[ *TRUE|FALSE* ]**

Specify if alias is restricted; that is, whether users can join without the owner's permission. *TRUE* means any user can add or remove themselves from aliases, *FALSE* means only an alias owner can add member entries; the default is *FALSE*.

## Files

*/opt/lsh-sco.com/msg/bin/msgaliascreate*

the **msgaliascreate** Perl script

## See also

**msgaliasadd(8)**, **msgaliasdelete(8)**, **msgaliaslist(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**, **msgaliasreplace(8)**

# msgaliasdelete

## Name

**msgaliasdelete** — delete a SCOoffice Mail Server alias

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliasdelete alias_name [ -recurse ]
```

## Description

The **msgaliasdelete** utility is a Perl script that deletes SCOoffice Mail Server aliases. Only the SCOoffice Mail Server *admin* user can use the **msgaliasdelete** tool.

SCOoffice Mail Server aliases can also be deleted with the **Server Manager** in the **Aliases** menu under **Delete Aliases**, or by clicking the **Delete** box in the **View Aliases** list.

To specify *alias\_name* use one of the following:

**-mail=*alias\_email\_address***

where *alias\_email\_address* is the full email address of the alias.

**-name=*alias\_name* -domain*domain***

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

The following argument is optional:

**-recurse**

Recursively delete all references to the alias if any. If there are references to the alias in other aliases, **msgaliasdelete** will fail without the **recurse** flag. Note that aliases that drop to 0 members or 0 owners as a result of this option will be deleted, and references to them will also be removed.

## Files

`/opt/lsb-sco.com/msg/bin/msgaliasdelete`

the **msgaliasdelete** Perl script

## See also

**msgaliasadd(8)**, **msgaliascreate(8)**, **msgaliaslist(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**, **msgaliasreplace(8)**

# msgaliaslist

## Name

`msgaliaslist` — list attributes of a *SCOoffice* Mail Server alias

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliaslist alias_name [ attributes]
```

## Description

The **msgaliaslist** SCOoffice Mail Server utility is a Perl script that lists all or specified attributes of a SCOoffice Mail Server alias. Only the SCOoffice Mail Server *admin* user can use the **msgaliaslist** tool.

SCOoffice Mail Server aliases can also be listed with the **Server Manager** in the **Aliases** menu under **View Aliases**.

To specify *alias\_name* use one of the following:

**-mail=alias\_email\_address**

where *alias\_email\_address* is the full email address of the alias.

**-name=alias\_name -domaindomain**

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

One or more of the following *attributes* can be specified for display; without attribute arguments, the default is **-all**:

**-all**

List all attributes.

**-name**

List the *cn* (*commonName*) attribute

**-mail**

List the email address.

**-domain**

List the domain in which the alias is a member

**-owner**

List the owners' mail addresses, translating the LDAP *Distinguished Name (DN)* that is stored in the *owner* attribute.

**Note:** If both the **owner** and **owneruid** parameters are specified, the owners will be listed twice.

**-owneruid**

List the owners of the alias.

**-member**

List the member's email address, translating the LDAP *Distinguished Name (DN)* that is stored in the *owner*.

**Note:** If both the **member** and **memberuid/memberalias** parameters are specified, the members will be listed twice, once in email form and once in *uid/aliasname* form..

**-memberuid**

List the uid of members from the *DN*.

**-memberalias**

List the alias members.

**-remote**

List remote members; that is, members with the *remote* (non-local LDAP domain) attributes.

**-file**

List the logfile member attributes.

**-program**

List the "pipe to" program attributes.

**-joinable**

List the membership restriction for the alias; that is, whether users can join without the owner's permission.

**-description**

List the description of the alias.

**Files**

`/opt/lsb-sco.com/msg/bin/msgaliaslist`

the **msgaliaslist** Perl script

**See also**

**msgaliasadd(8)**, **msgaliascreate(8)**, **msgaliasdelete(8)**, **msgaliaslistall(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**, **msgaliasreplace(8)**

## msgaliaslistall

**Name**

`msgaliaslistall` — list attributes of all *SCOoffice* Mail Server aliases

**Synopsis**

```
/opt/lsb-sco.com/msg/bin/msgaliaslistall domain [ attributes]
```

**Description**

The **msgaliaslistall** *SCOoffice* Mail Server utility is a C program that lists all or specified attributes of all *SCOoffice* Mail Server aliases in a domain. Only the *SCOoffice* Mail Server *admin* user can use the **msgaliaslistall** tool.

SCOoffice Mail Server aliases can also be listed with the **Server Manager** in the **Aliases** menu under **View Aliases**.

One or more of the following *attributes* can be specified; without attribute arguments, the default is **-all**:

**-all**

List all attributes.

**-name**

List the *cn* (*commonName*) attribute

**-mail**

List the email address.

**-domain**

List the domain in which the alias is a member

**-owner**

List the owners' mail addresses, translating the LDAP *Distinguished Name* (*DN*) that is stored in the *owner* attribute.

**Note:** If both the **owner** and **owneruid** parameters are specified, the owners will be listed twice.

**-owneruid**

List the owners of the alias.

**-member**

List the member's email address, translating the LDAP *Distinguished Name* (*DN*) that is stored in the *owner*.

**Note:** If both the **member** and **memberuid/memberalias** parameters are specified, the members will be listed twice, once in email form and once in *uid/aliasname* form..

**-memberuid**

List the uid of members from the *DN*.

**-memberalias**

List the alias members.

**-remote**

List remote members; that is, members with the *remote* (non-local LDAP domain) attributes.

**-file**

List the logfile member attributes.

**-program**

List the "pipe to" program attributes.

**-joinable**

List the membership restriction for the alias; that is, whether users can join without the owner's permission.

**-description**

List the description of the alias.

## Files

*/opt/lsb-sco.com/msg/bin/msgaliaslistall*

the **msgaliaslistall** binary

## See also

**msgaliasadd(8)**, **msgaliascreate(8)**, **msgaliasdelete(8)**, **msgaliaslist(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**, **msgaliasreplace(8)**

# msgaliasmigrate

## Name

`msgaliasmigrate` — migrate mail alias file members to *SCOoffice* Mail Server LDAP datastore

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliasmigrate [ -aliasFile=file ]
      [ -domain=domain ]
```

## Description

The **msgaliasmigrate** *SCOoffice* Mail Server migration utility is a Perl script that converts UNIX system mail alias file entries to an LDAP datastore. It parses the contents of the alias file and for each alias, it invokes **msgaliasadd**(8) with appropriate arguments. This procedure adds entries to the LDAP datastore file. Depending on system capabilities, migration takes about one hour per 500 users.

Only the *SCOoffice* Mail Server *admin* user can use the **msgaliasmigrate** tool.

The following options are supported:

### **-aliasFile=file**

Specifies the name of the file to parse for user information. The default is */etc/mail/aliases*.

### **-domain=domain**

Specifies the name of the domain to which users will be added. The default is *hostname*.

In this release, the **msgaliasmigrate** utility only offers migration from legacy UNIX mail systems.

## Files

*/opt/lsb-sco.com/msg/bin/msgaliasmigrate*

the **msgaliasmigrate** Perl script

## See also

**msgaliasadd**(8)

# msgaliasremove

## Name

**msgaliasremove** — delete a member from a *SCOoffice* Mail Server alias

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgaliasremove alias_name member(s)  
[ -recurse ]
```

## Description

The **msgaliasremove** *SCOoffice* Mail Server utility is a Perl script that deletes single or multiple member attributes from a *SCOoffice* Mail Server alias.

*SCOoffice* Mail Server alias members can also be deleted with the **Server Manager** in the **Aliases** menu under **Modify Aliases**

Only the *SCOoffice* Mail Server *admin* user can use the **msgaliasremove** tool.

To specify the new *alias\_name* use one of the following:

**-mail=*alias\_email\_address***

where *alias\_email\_address* is the full email address of the alias.

**-name=*alias\_name* -domain=*domain***

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

At least one of the following attributes must be entered for *member(s)*, although multiple arguments are allowed and arguments may be repeated:

**-owner=*mail\_address***

Specify an owner to remove. The last owner cannot be removed.

**-owneruid=*owner\_uid***

Specify an owner UserID to remove.

**-member=*email\_address***

Specify a member to remove; the *Distinguished Name (DN)* is resolved from the address .

**-memberuid=*member\_uid***

Specify an member UserID to remove.

**-memberalias=*member\_alias***

Specify an member alias to remove. {TBC}

**-remote=*remote\_email\_address***

Specify a remote member to remove.

**-file=*file\_path***

Specify a logfile member to remove..

**-program=*program\_path***

Specify a "pipe to" program member to remove.

The following argument is optional:

**-recurse**

Allow the last owner or last member of an alias to be removed; if this occurs the alias is removed also. This alias removal will recurse to remove all parent aliases that also drop to zero members or zero owners as a result of the **msgaliasremove** operation.

**Files**

`/opt/lsb-sco.com/msg/bin/msgaliasremove`

the **msgaliasremove** Perl script

**See also**

**msgaliasadd(8)**, **msgaliascreate(8)**, **msgaliasdelete(8)**, **msgaliaslist(8)**, **msgaliasmigrate(8)**, **msgaliasreplace(8)**

**msgaliasreplace****Name**

**msgaliasreplace** — modify the restricted setting or the description of a *SCOoffice* Mail Server alias

**Synopsis**

```
/opt/lsb-sco.com/msg/bin/msgaliasreplace alias_name member(s)
```

**Description**

The **msgaliasreplace** *SCOoffice* Mail Server utility is a Perl script that modifies the restricted setting or the description of a *SCOoffice* Mail Server alias.

SCOoffice Mail Server alias membership can also be modified with the **Server Manager** in the **Aliases** menu under **Modify Aliases**

Only the SCOoffice Mail Server *admin* user can use the **msgaliasreplace** tool.

To specify *alias\_name* use one of the following:

**-mail=*alias\_email\_address***

where *alias\_email\_address* is the full email address of the alias.

**-name=*alias\_name* -domain*domain***

where *alias\_name* is the short name of the alias in its domain and *domain* is the domain where the alias is located.

One or both of the following attributes must be entered for *member(s)*:

**-joinable=[ TRUE|FALSE ]**

Modify alias membership restriction; that is, whether users can join without the owner's permission. *TRUE* means any user can add or remove themselves from aliases, *FALSE* means only an alias owner can add member entries; the default is *FALSE*.

**-description="*description*"**

Modify the description of the alias.

## Files

*/opt/lsb-sco.com/msg/bin/msgaliasreplace*

the **msgaliasreplace** Perl script

## See also

**msgaliasadd(8)**, **msgaliascreate(8)**, **msgaliasdelete(8)**, **msgaliaslist(8)**,  
**msgaliaslistall(8)**, **msgaliasmigrate(8)**, **msgaliasremove(8)**

## msgcalendarlistnodes

### Name

`msgcalendarlistnodes`, `msgprofilget` — query SCOoffice Mail Server calendar node information

### Synopsis

```
/opt/lsb-sco.com/msg/bin/msgcalendarlistnodes
```

```
/opt/lsb-sco.com/msg/bin/msgprofilget -n | -a nodeid
```

### Description

The `msgcalendarlistnodes` utility is a Perl script that lists Steltor CorporateTime calendar node ID's (a numeric value) and node ID aliases (an alphanumeric name). It formats data retrieved by the `msgprofilget` utility. Sample output of the `msgcalendarlistnodes` command:

```
node:1000:marketing  
node:1001:engineering
```

The `msgprofilget` utility is a **setuid root** binary that passes options to the Steltor CorporateTime `profilget` utility, which in turn queries the Steltor CorporateTime Server. The `msgprofilget` utility takes the following options:

**-n**

Generate a list of numeric node ID's.

**-a *nodeid***

Return the alias name for each node ID.

Only the SCOoffice Mail Server system *root* user can use the **msgcalendarlistnodes** and **msgprofilget** utilities.

**Note:** If the Steltor CorporateTime Server is not installed, these utilities will return nothing (return code 1).

## Files

*/opt/lsb-sco.com/msg/bin/msgcalendarlistnodes*

the **msguninstall** Perl script

*/opt/lsb-sco.com/msg/bin/msgprofilget*

the **msgprofilget** binary

## See also

**msgusercreate(8)**, **msguserlist(8)**, **msguserlistall(8)**, **msgusermod(8)**

# msgdomaincount

## Name

**msgdomaincount** — list the names and descriptions of all SCOoffice Mail Server mail domains

## Synopsis

*/opt/lsb-sco.com/msg/bin/msgdomaincount*

## Description

The **msgdomaincount** utility is a C program that lists the names, descriptions, and user and alias counts of all mail domains controlled by *SCOoffice* Mail Server.

*SCOoffice* Mail Server domain attributes can also be viewed with the **Server Manager** in the **Domains** menu under **View Domains**.

Only the *SCOoffice* Mail Server *admin* user can use the **msgdomaincount** tool.

## Files

*/opt/lsb-sco.com/msg/bin/msgdomaincount*

the **msgdomaincount** binary

## See also

**msgdomaincreate(8)**, **msgdomaindelete(8)**, **msgdomainlist(8)**, **msgdomainmodify(8)**

# msgdomaincreate

## Name

**msgdomaincreate** — create a new *SCOoffice* Mail Server mail domain

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomaincreate -domain=domain  
-description="description"
```

## Description

The **msgdomaincreate** utility is a Perl script that creates a new *SCOoffice* Mail Server mail domain and description.

**Note:** Once a domain has been created, its name cannot be changed; only its description, member users and member aliases can be changed.

*SCOoffice* Mail Server domains can also be created with the **Server Manager** in the **Domains** menu under **Create Domains**.

Before creating virtual domains, you must create mail exchanger (MX) records in DNS to resolve virtual domain names to the mail host machine.

Only the *SCOoffice* Mail Server *admin* user can use the **msgdomaincreate** tool.

The following values must be supplied:

**-domain=domain**

the name of the new *SCOoffice* Mail Server mail domain.

**-description="description "**

a description of the new *SCOoffice* Mail Server mail domain.

## Files

*/opt/lsb-sco.com/msg/bin/msgdomaincreate*

the **msgdomaincreate** Perl script

## See also

**msgdomaindelete(8)**, **msgdomainlist(8)**, **msgdomaincount(8)**, **msgdomainmodify(8)**

# msgdomaindelete

## Name

msgdomaindelete — delete a SCOoffice Mail Server mail domain

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomaindelete -domain=domain
```

## Description

The **msgdomaindelete** SCOoffice Mail Server utility is a Perl script that deletes a SCOoffice Mail Server mail domains and all of its users and aliases. The domain name to be deleted must be specified on the command line; only one domain can be deleted in a single **msgdomaindelete** invocation.

SCOoffice Mail Server domains can also be delete with the **Server Manager** in the **Domains** menu under **Delete Domains**, or by clicking the **Delete** box in the **View Domains** list.

Any IP aliases and a DNS entries created for virtual domains must also be deleted.

Only the SCOoffice Mail Server *admin* user can use the **msgdomaindelete** tool.

## Files

*/opt/lsb-sco.com/msg/bin/msgdomaindelete*

the **msgdomaindelete** Perl script

## See also

`msgdomaincreate(8)`, `msgdomainlist(8)`, `msgdomaincount(8)`, `msgdomainmodify(8)`

# msgdomainlist

## Name

`msgdomainlist` — list the description of a *SCOoffice* Mail Server mail domain

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomainlist -domain=domain
```

## Description

The `msgdomainlist` *SCOoffice* Mail Server utility is a Perl script that lists the description of the specified *SCOoffice* Mail Server mail domain.

*SCOoffice* Mail Server domain attributes can also be viewed with the **Server Manager** in the **Domains** menu under **View Domains**.

Only the *SCOoffice* Mail Server *admin* user can use the `msgdomainlist` tool.

## Files

```
/opt/lsb-sco.com/msg/bin/msgdomainlist
```

the `msgdomainlist` Perl script

## See also

`msgdomaincreate(8)`, `msgdomaindelete(8)`, `msgdomaincount(8)`, `msgdomainlistall(8)`, `msgdomainmodify(8)`

# msgdomainlistall

## Name

`msgdomainlistall` — list the descriptions of all *SCOoffice* Mail Server mail domains

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomainlistall
```

## Description

The `msgdomainlistall` *SCOoffice* Mail Server utility is a Perl script that lists the descriptions of all *SCOoffice* Mail Server mail domains.

*SCOoffice* Mail Server domain attributes can also be viewed with the **Server Manager** in the **Domains** menu under **View Domains**.

Only the *SCOoffice* Mail Server *admin* user can use the `msgdomainlistall` tool.

## Files

```
/opt/lsb-sco.com/msg/bin/msgdomainlistall
```

the `msgdomainlistall` Perl script

## See also

`msgdomaincreate(8)`, `msgdomaindelete(8)`, `msgdomaincount(8)`, `msgdomainlist(8)`,  
`msgdomainmodify(8)`

# msgdomainmodify

## Name

`msgdomainmodify` — modify the description of a *SCOoffice* Mail Server mail domain

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomainmodify -domain=domain  
-description="description"
```

## Description

The `msgdomainmodify` utility is a Perl script that modifies the description of a *SCOoffice* Mail Server mail domain.

**Note:** Once a domain has been created, its name cannot be changed; only its description, member users and member aliases can be changed.

*SCOoffice* Mail Server domain descriptions can also be modified with the **Server Manager** in the **Domains** menu under **Modify Domains**.

Only the *SCOoffice* Mail Server *admin* user can use the `msgdomainmodify` tool.

The following values must be supplied:

**-domain=domain**

The name of the *SCOoffice* Mail Server mail domain to be modified.

**-description="description "**

A modified description of the *SCOoffice* Mail Server mail domain, or an empty string to delete a domain description.

## Files

*/opt/lsb-sco.com/msg/bin/msgdomainmodify*

the **msgdomainmodify** Perl script

## See also

**msgdomaincreate(8)**, **msgdomaindelete(8)**, **msgdomainlist(8)**, **msgdomaincount(8)**

# msgdomainmove

## Name

**msgdomainmove** — rename a *SCOoffice* Mail Server mail domain

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgdomainmove -olddomain=domain_name
  -newdomain=domain_name [ -exists ] [ -description="new_description " ]
  [ -quiet ]
```

## Description

The **msgdomainmove** utility is a Perl script that renames *SCOoffice* Mail Server mail domains. It does so by creating a new domain, recursively moving all the domain objects from the old domain to the new, and deleting the original domain upon completion. The script can be used to rename any virtual domain including the primary one and it can be used to merge two domains into one. It can be restarted if it does not complete successfully.

The following changes must also be made when changing the domain name:

**Note:** The **msgdomainmove** script does not support more than one admin user in the group MSG Administrators.

Depending on system capabilities, this procedure takes about one hour per 1000 users or aliases.

Only the *SCOoffice* Mail Server *admin* user can use the **msgdomainmove** tool.

The following options are supported:

**-olddomain=domain\_name**

The name of the old *SCOoffice* Mail Server mail domain.

**-newdomain=domain\_name**

The name of the new *SCOoffice* Mail Server mail domain.

**-exists**

Allow the new name to exist; if so, move old domain entries and delete old domain. Used to recover from a partially completed operation or to merge two domains into one .

**-description="new\_description "**

A description of the new *SCOoffice* Mail Server mail domain. If absent, the old description is preserved.

**-quiet**

Suppress detailed output.

## Files

`/opt/lsb-sco.com/msg/bin/msgdomainmove`

the `msgdomainmove` Perl script

## See also

`msgdomaincreate(8)`, `msgdomaindelete(8)`, `msgdomainlist(8)`, `msgdomainmodify(8)`

# msgimpsetup

## Name

`msgimpsetup` — configure IMP mail client to work with SCOoffice Mail Server Cyrus server

## Synopsis

`/opt/lsb-sco.com/msg/bin/msgimpsetup`

## Description

The `msgimpsetup` utility is a Perl script that configures mysql databases for the IMP (Internet Messaging Program) mail client so that it can work with the SCOoffice Mail Server Cyrus IMAP server. The `msgimpsetup` utility differs from the version shipped in Caldera OpenLinux, `/usr/libexec/horde/imp/impsetup`, in that it configures IMP to communicate with the Cyrus IMAP server rather than the UW IMAP server supplied with OpenLinux.

The `msgimpsetup` utility configures mysql by default. If you wish to use a database other than mysql, see documentation at <http://www.horde.org/>.

Only the *root* user can use the **msgimpsetup** tool.

### Warning

Running the **msgimpsetup** command will reconfigure your mysql database, destroying existing data. You should only run it at the command line if your database is corrupted and you want to wipe it clean, or if you wish to run it on a separate machine that will act as a webmail server for the SCOffice Mail Server.

## Files

*/opt/lsb-sco.com/msg/bin/msgimpsetup*

the **msgimpsetup** Perl script

## See also

IMP and horde documentation.

# msginboxcreate

## Name

`msginboxcreate` — create a SCOffice Mail Server user inbox

## Synopsis

`/opt/lsb-sco.com/msg/bin/msginboxcreate -name=name`

## Description

The **msginboxcreate** utility is a Perl script that creates a *SCOoffice* Mail Server user inbox using the PERL IMAP module to call the Cyrus IMAP server.

**Note:** This script is used only at install time and should not be called from the command line.

## Files

*/opt/lsb-sco.com/msg/bin/msginboxcreate*

the **msginboxcreate** Perl script

## See also

**msgusercreate(8)**

# msgiplanetmigrate

## Name

**msgiplanetmigrate** — migrate a *SCOoffice* Mail Server LDAP directory to iPlanet

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgiplanetmigrate -host=name [ -port=portno ]  
-suffix=suffix -rootdn=name -rootpw=password [ options ]
```

## Description

The **msgiplanetmigrate** *SCOoffice* Mail Server utility is a Perl script that migrates an LDAP directory containing *SCOoffice* Mail Server data to an iPlanet directory. By default, the utility migrates *SCOoffice* Mail Server data when the appropriate options are supplied; it can also migrate other directory information if LDIF (LDAP Data Interchange Format) information is provided for the objects.

Only the *root* user can use the **msgiplanetmigrate** utility.

The following arguments are supported to migrate *SCOoffice* Mail Server data:

**-host=*name***

The host name of the system on which the iPlanet server resides.

**-port=*portno***

The port number on which the remote LDAP server is listening; this argument is optional.

**-suffix=*suffix***

The point in the directory tree where the *SCOoffice* Mail Server should be installed. For example, `dc=caldera,dc=com`.

**-rootdn=*name***

The name of the root administrator on the remote directory. For example, `cn=Directory Manager`.

**-rootpw=*password***

The `rootdn` password.

The following optional arguments are supported to migrate other directory information:

**-attrFiles="*name* [ *name* ... ]"**

Object attribute information, contained in space-separated list of LDIF files for the objects being migrated and in the format expected by iPlanet.

**-classFiles="name [ name ... ]"**

Object class information, contained in space-separated list of LDIF files for the objects being migrated and in the format expected by iPlanet.

**-aciFiles="name [ name ... ]"**

Access control information, contained in space-separated list of LDIF files for the objects being migrated and in the format expected by iPlanet.

**-ldapBase=name**

Subdirectory of the directory tree being copied relative to the supplied suffix. The default for this is `ou=Volution Messaging Server`, which is the organizational unit containing *SCOoffice* Mail Server objects.

## Example

Typical usage for the **msgiplanetmigrate** utility might be:

1. Run **msgiplanetmigrate** with appropriate arguments. For example:

```
cd /etc/opt/lsb-caldera.com/volution/msg/bin
./msgiplanetmigrate -host=iplanet.mydomain.com -
suffix='dc=mydomain,dc=com'
```

2. Run the **msgldaphost(8)** utility to point the *SCOoffice* Mail Server to the new directory server. For example:

```
cd /etc/opt/lsb-caldera.com/volution/msg/bin
./msgldaphost -host=iplanet.mydomain.com -base='dc=mydomain,dc=com' -
rootdn
```

3. Restart the *SCOoffice* Mail Server Apache, Postfix and Cyrus services:

```
cd /etc/rc.d/init.d
./httpd stop; ./httpd start
./postfix stop; ./postfix start
./cyrus stop; ./cyrus start
```

## Files

`/opt/lsb-sco.com/msg/bin/msgiplanetmigrate`

the **msgiplanetmigrate** Perl script

## See also

**msgldaphost**(8)

# msgldaphost

## Name

**msgldaphost** — configure the *SCOoffice* Mail Server LDAP host

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgldaphost [ options ]
```

## Description

The **msgldaphost** utility is a Perl script that configures the *SCOoffice* Mail Server LDAP host for the Cyrus IMAP/POP server and the Postfix MTA (Mail Transfer Agent) . It is usually run automatically by the *SCOoffice* Mail Server post-install script.

The **msgldaphost** utility can also be run manually to configure an alternate LDAP server to be used by *SCOoffice* Mail Server on either a local or remote system. For remote LDAP server configuration, some additional work might be required depending on the choice of LDAP server.

*SCOoffice* Mail Server LDAP configuration information is stored in the `msg.conf(5)` configuration file.

Only the system *root* user can use the **msgldaphost** utility.

### Caution

Reconfiguring an LDAP host is an advanced procedure that requires extensive LDAP knowledge and experience.

The following LDAP host attributes can be set except as noted. Without arguments, the current values are displayed to *stdout*:

**-host=*host***

The location of the LDAP host.

**-port=*port***

The port number of the LDAP host; the default is 389. Do not set this value when configuring an alternate LDAP server; the **msgldaphost** utility automatically sets the default port.

### Warning

Manually setting any value for this attribute disables LDAP authentication to the SCOffice Mail Server. This is a known limitation.

**-base=*base***

Information about the LDAP host.

**-rootdn=*dn***

The root LDAP Distinguished Name.

**-rootpw=*password***

The root LDAP Distinguished Name password

**-admin=*uid***

The UserID of the SCOffice Mail Server administrator account name.

**-admindn=*dn***

The SCOoffice Mail Server administrator Distinguished Name.

**-dn=*dn***

The SCOoffice Mail Server Distinguished name.

**-uid=*uid***

The SCOoffice Mail Server default read-only user account.

**-pw=*password***

The SCOoffice Mail Server default read-only user account password.

**Files**

*/opt/lsb-sco.com/msg/bin/msgldaphost*

the **msgldaphost** Perl script

*/etc/opt/lsb-sco.com/msg/msg.conf*

the SCOoffice Mail Server configuration file

**See also**

**ldap**(3), *msg.conf*(5)

**msgserviceaction****Name**

**msgserviceaction** — control SCOoffice Mail Server system services

## Synopsis

`/opt/lsb-sco.com/msg/bin/msgserviceaction service action`

## Description

The **msgserviceaction** utility is a Perl script that performs specified actions on *SCOoffice* Mail Server system services: LDAP, Postfix, Cyrus, DocView . Actions can only be taken on one service at a time, and each service supports different action options. Only the *SCOoffice* Mail Server *admin* user can use the **msgserviceaction** tool.

*SCOoffice* Mail Server system services can also be controlled with the **Server Manager** in the **System** menu under **Mail Services**; this is the recommended method.

**Note:** The **msgserviceaction** tool is a back-end utility for the **Server Manager**, and is not intended to be used at the command line. If you need to start and stop *SCOoffice* Mail Server services from the command line, use the init scripts for the individual services as noted under Files below.

The following services and actions are supported:

**–service=ldap –action=restart**

Restart (stop, then start) the LDAP directory server. Stopping the LDAP server stops the *SCOoffice* Mail Server.

**–service=postfix –action=[start | stop | restart | reload]**

Start, stop, restart, or reload configuration files for the Postfix MTA (Mail Transfer Agent).

**–service=cyrus –action=[start | stop | restart]**

Start, stop or restart the Cyrus IMAP server.

**–service=docview –action=[start | stop | restart | reload]**

Start, stop, restart, or reload configuration files for the DocView on-line documentation server.

## Files

*/opt/lsb-sco.com/msg/bin/msgserviceaction*

the **msgserviceaction** Perl script

*/etc/rc.d/init.d/ldap*

the LDAP init file

*/etc/rc.d/init.d/postfix*

the Postfix init file

*/etc/rc.d/init.d/cyrus*

the Cyrus init file

*/etc/rc.d/init.d/docview*

the DocView init file

## See also

**msgservicelist(8)**, **msgserviceactionlistall(8)**

# msgservicelist

## Name

**msgservicelist** — list the status of a *SCOoffice* Mail Server system service

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgservicelist  
-service=ldap|postfix|cyrus|docview [ attributes ]
```

## Description

The **msgservicelist** utility is a Perl script that lists the status of a single *SCOoffice* Mail Server system service with its description and attributes. Only the *SCOoffice* Mail Server *admin* user can use the **msgservicelist** tool.

The status of *SCOoffice* Mail Server system services can also be viewed with the **Server Manager** in the **System** menu under **Mail Services**; this is the recommended method.

The *SCOoffice* Mail Server system services are:

### **ldap**

LDAP directory server.

### **postfix**

Postfix MTA (Mail Transfer Agent).

### **cyrus**

Cyrus IMAP server.

### **docview**

DocView on-line documentation server.

One or more of the following attributes can be specified; without attribute arguments, the default is **-all**:

#### **-all**

List all attributes.

#### **-service**

List the name of the service.

#### **-description**

List the description.

#### **-pid**

List the current process ID.

**-command**

List the full pathname of the command that starts the service.

**-action**

List the actions that can be taken on the service; for example, start, stop, restart (stop, then start) or reload (configuration files).

**-status**

List whether the services is UP or DOWN.

## Files

*/opt/lsb-sco.com/msg/bin/msgservicelist*

the **msgservicelist** Perl script

*/etc/rc.d/init.d/ldap*

the LDAP init file

*/etc/rc.d/init.d/postfix*

the Postfix init file

*/etc/rc.d/init.d/cyrus*

the Cyrus init file

*/etc/rc.d/init.d/docview*

the DocView init file

## See also

**msgserviceaction(8)**, **msgserviceactionlistall(8)**

# msgservicelistall

## Name

msgservicelistall — list the status of all *SCOoffice* Mail Server system services

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgservicelistall [ attributes ]
```

## Description

The **msgservicelistall** utility is a Perl script that lists the status of all *SCOoffice* Mail Server system service with their descriptions and attributes (as specified). Only the *SCOoffice* Mail Server *admin* user can use the **msgservicelistall** tool.

The status of *SCOoffice* Mail Server system services can also be viewed with the **Server Manager** in the **System** menu under **Mail Services**; this is the recommended method.

The *SCOoffice* Mail Server system services are:

### ldap

LDAP directory server.

### postfix

Postfix MTA (Mail Transfer Agent).

### cyrus

Cyrus IMAP server.

### docview

DocView on-line documentation server.

One or more of the following attributes can be specified; without attribute arguments, the default is **-all**:

**-all**

List all attributes.

**-service**

List the name of the service.

**-description**

List the description.

**-pid**

List the current process ID.

**-command**

List the full pathname of the command that starts the service.

**-action**

List the actions that can be taken on the service; for example, start, stop, restart (stop, then start) or reload (configuration files).

**-status**

List whether the services is UP or DOWN.

## Files

*/opt/lsb-sco.com/msg/bin/msgservicelistall*

the **msgservicelistall** Perl script

*/etc/rc.d/init.d/ldap*

the LDAP init file

*/etc/rc.d/init.d/postfix*

the Postfix init file

*/etc/rc.d/init.d/cyrus*

the Cyrus init file

`/etc/rc.d/init.d/docview`

the DocView init file

## See also

`msgserviceaction(8)`, `msgservicelist(8)`

# msgsievebuild

## Name

`msgsievebuild` — rebuild *SCOoffice* Mail Server user mail filters

## Synopsis

```
/opt/lsb-sco.com/msg/bin/sievebuild [ -uid=name -debug ]
```

## Description

The `msgsievebuild` *SCOoffice* Mail Server utility is a C program that rebuilds *SCOoffice* Mail Server users' Sieve mail filters. *SCOoffice* Mail Server vacation and spam filtering are implemented with Seive, a mail filtering language provided by Cyrus.

Because the `msgsievebuild` utility queries the LDAP server for user attributes and builds the mail filters based on that data, neither mail filtering nor vacation preference changes take place until `msgsievebuild` is run by `cron(8)`. The `cron` job is run as root every half hour.

Only the *root* user can use the `msgsievebuild` tool.

When run without options, the **msgsievebuild** rebuilds all users' Sieve files. The following options are supported:

**-uid=*name***

Rebuild sieve files for specified users.

**-debug**

Enable debugging output.

## Files

*/opt/lsb-sco.com/msg/bin/msgsievebuild*

the **msgsievebuild** binary

## See also

**msgusermod(8)**

Cyrus documentation

# msguninstall

## Name

**msguninstall** — uninstall SCO*office* Mail Server from a host system

## Synopsis

*/opt/lsb-sco.com/msg/bin/msguninstall*

## Description

The **msguninstall** utility is an interactive Perl script that removes the *SCOoffice* Mail Server from a host system. Only the *SCOoffice* Mail Server *admin* user can use the **msguninstall** tool.

The **msguninstall** tool performs these actions:

1. Stops the Postfix Mail Transport Agent and the Cyrus IMAP server.
2. Undoes installation configuration changes to the */etc/rc.d/init.d/cyrus* and */etc/pam\_ldap/auth\_ldap.conf* files.
3. Removes RPM packages installed by *SCOoffice* Mail Server, including maintenance supplements.
4. If desired, cleans out the LDAP directory.

The removal script does not:

- downgrade to an earlier *SCOoffice* Mail Server version; it removes the entire product.
- reinstall components that were removed at *SCOoffice* Mail Server installation; for example, *sendmail* and *imap*.
- restore updated RPMs to the earlier version.
- remove configuration directories that you populated or that contain files backed up by *SCOoffice* Mail Server.
- remove configuration information from mail clients.

If the removal script fails for any reason, the removal might not be complete and the **msguninstall** utility might now longer be available. In this case, you must run the **uninstall.sh** script that is available on the *SCOoffice* Mail Server distribution media.

## Files

*/opt/lsb-sco.com/msg/bin/msguninstall*

the **msguninstall** Perl script

*/etc/opt/lsb-sco.com/msg/msg.conf*

the SCOoffice Mail Server configuration file

## msgusercreate

### Name

`msgusercreate` — create a new SCOoffice Mail Server user

### Synopsis

```
/opt/lsb-sco.com/msg/bin/msgusercreate -uid=name -domain=domain
  [ attributes ]
```

### Description

The `msgusercreate` utility is a Perl script that creates a new SCOoffice Mail Server user, creating both a Cyrus user (the inbox) and the LDAP user object, replete with user attributes. Only the SCOoffice Mail Server *admin* user can use the `msgusercreate` tool.

SCOoffice Mail Server users can also be created with the **Server Manager** in the **Users** menu under **Create Users**.

Specify the user with:

**-uid=*name***

Specifies the unique identifier within a SCOoffice Mail Server mail system.

**Note:** The SCOoffice Mail Server *uid* (unique identifier) is not comparable to a conventional Linux or UNIX *uid*. It is not necessary for SCOoffice Mail Server users to have conventional *uids* on the host system, and in most cases it is inappropriate.

**-domain=*domain***

specifies the domain to which the new user will be added; virtual domain names are allowed.

The following *attributes* are optional and can be used once at most:

**-firstname=*firstname***

The given name (*gn*) or first name of the new user.

**-lastname=*lastname***

The surname of the new user, also known as the last name.

**-fullname=*fullname***

The new user's full name; for example, "Dana Welsh".

**-mail=*mailaddress***

The mail address defaults to *uid@vdomain*, where *vdomain* is the given virtual domain. Using this parameter overrides the default.

**-homephone=*value***

Home phone number.

**-businessphone=*value***

Business phone number.

**-fax=*value***

Fax number.

**-pager=*value***

Pager number.

**-mobile=*value***

Mobile phone number.

**-title=*value***

Job title.

**-mailstop=*value***

Interoffice-Mail address.

**-forward=*value***

An email address to which to forward all the new user's email. The address is a string that is not verified against the LDAP server.

**-forwardcopy=[ TRUE | FALSE ]**

Save a copy of forwarded mail in the user's inbox if forwarding is enabled.

**-alternatemail=*value***

An alternate email address for the new user. The email address must be qualified with the name of the mail domain under which the user resides.

**-quotalimit=[ *value* | NONE ]**

Set or remove quota limits for user mailstores, including inbox and folders. Values are kilobytes of disk space; the value 0 is legal but will disable mail delivery. NONE removes the quota.

**-ctsnodeid=*value***

Assign a calendar node ID to the new user.

**Note:** This field is required if the SCOoffice Mail Connector for Microsoft Outlook is installed.

The **msgusercreate** utility also sets defaults automatically for mail filtering depending on the settings specified by **msgaclset(8)**. To change these default settings after a user has been created, use the **msgusermod(8)** utility.

## Files

*/opt/lsb-sco.com/msg/bin/msgusercreate*

the **msgusercreate** Perl script

## See also

`msgaclget(8)`, `msgaclset(8)`, `msgcalendarlistnodes(8)`, `msguserdelete(8)`, `msgusergetaliases(8)`, `msguserisadmin(8)`, `msguserlist(8)`, `msguserlistall(8)`, `msgusermod(8)`, `msguserpw(8)`

# msguserdelete

## Name

`msguserdelete` — delete a SCOoffice Mail Server user

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msguserdelete user_name [ -recurse ]
```

## Description

The `msguserdelete` utility is a Perl script that deletes SCOoffice Mail Server users and removes them from aliases. Only the SCOoffice Mail Server *admin* user can use the `msguserdelete` tool.

SCOoffice Mail Server users can also be deleted with the **Server Manager** in the **Users** menu under **Delete Users**, or by clicking the **Delete** box in the **View Users** list.

To specify a *user\_name* use one of the following:

`-mail=mail_address`

where *mail\_address* is the full email address of the user.

`-uid=name`

where *name* is the unique identifier (UserID) within a SCOoffice Mail Server mail system.

The following argument is optional:

**-recurse**

Remove user from all aliases. If the user is a member or owner of an alias, **msguserdelete** will fail without the **recurse** flag. Note that aliases that drop to 0 members or 0 owners as a result of this option will be deleted, and references to them will also be removed.

## Files

*/opt/lsb-sco.com/msg/bin/msguserdelete*

the **msguserdelete** Perl script

## See also

**msgusercreate(8)**, **msgusergetaliases(8)**, **msguserisadmin(8)**, **msguserlist(8)**, **msguserlistall(8)**, **msgusermod(8)**, **msguserpw(8)**

# msgusergetaliases

## Name

**msgusergetaliases** — list SCO*office* Mail Server alias membership for a specified user

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgusergetaliases user_name
```

## Description

The **msgusergetaliases** utility is a Perl script that prints a list of the SCOoffice Mail Server mail aliases of which the specified user is a member or owner, along with the alias description. Only the SCOoffice Mail Server *admin* user can use the **msgusergetaliases** tool.

SCOoffice Mail Server alias members can also be listed with the **Server Manager** in the **Aliases** menu under **View Aliases**.

To specify a *user\_name* use one of the following:

**-mail=mail\_address**

where *mail\_address* is the full email address of the user.

**-uid=name**

where *name* is the unique identifier (UserID) within a SCOoffice Mail Server mail system.

## Files

*/opt/lsb-sco.com/msg/bin/msgusergetaliases*

the **msgusergetaliases** Perl script

## See also

**msgusercreate(8)**, **msguserdelete(8)**, **msguserisadmin(8)**, **msguserlist(8)**, **msguserlistall(8)**, **msgusermod(8)**, **msguserpw(8)**

# msguserisadmin

## Name

`msguserisadmin` — determine admin privileges of a specified *SCOoffice* Mail Server user

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msguserisadmin user_name
```

## Description

The **msguserisadmin** utility is a Perl script that determines if the specified *SCOoffice* Mail Server user has admin privileges; that is, whether the user is a member of group *admin*. Only the *SCOoffice* Mail Server *admin* user can use the **msguserisadmin** tool.

To specify a *user\_name* use one of the following:

**-mail=*mail\_address***

where *mail\_address* is the full email address of the user.

**-uid=*name***

where *name* is the unique identifier (UserID) within a *SCOoffice* Mail Server mail system.

## Files

```
/opt/lsb-sco.com/msg/bin/msguserisadmin
```

the **msguserisadmin** Perl script

## See also

**msgusercreate(8)**, **msguserdelete(8)**, **msgusergetaliases(8)**, **msguserlist(8)**, **msguserlistall(8)**, **msgusermod(8)**, **msguserpw(8)**

# msguserlist

## Name

`msguserlist` — list SCOoffice Mail Server user attributes

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msguserlist user_name [ attributes ]
```

## Description

The **msguserlist** utility is a Perl script that lists the attributes associated with the specified SCOoffice Mail Server user. Only the SCOoffice Mail Server *admin* user can use the **msguserlist** tool.

SCOoffice Mail Server user attributes can also be listed with the **Server Manager** in the **Users** menu under **View Users**.

To specify a *user\_name* use one of the following:

**-mail=*mail\_address***

where *mail\_address* is the full email address of the user.

**-uid=*name***

where *name* is the unique identifier (UserID) within a SCOoffice Mail Server mail system.

One or more of the following attributes can be specified; without attribute arguments, the default is **-all**:

**-all**

List all attributes.

**-uid**

List the user's *SCOoffice* Mail Server unique identifier (UserID).

**-domain**

List the domain in which the user is a member

**-firstname**

List the given name (first name).

**-lastnamelastname**

List the surname (last name).

**-fullname**

List the user's full name.

**-mail**

List the email address.

**-alternatemail**

List the alternate email address.

**-forward**

List the email forwarding address.

**-homephone**

List the home phone number.

**-businessphone**

List the business phone number.

**-fax**

List the fax number.

**-pager**

List the pager number.

**-mobile**

List the mobile phone number.

**-title**

List the user's job title.

**-mailstop**

List the Interoffice-Mail address.

**-vacationenabled**

List whether absence notification is enabled.

**-vacationsubject**

List absence notification subject heading if enabled.

**-vacationmessage**

List vacation message if enabled.

**-spamfilterenabled**

List whether spam filtering is enabled.

**-spamallowed**

List whether spam exception list is enabled.

**-spamexclude**

List whether spam exclusion list is enabled.

**-spamdestroyenabled**

List whether spam is saved to a folder or destroyed.

**-quotalimit**

Display mail store quota in Kb.

**-quotaused**

Display total user mail store usage in Kb.

**Note:** The quota algorithm checks the quota before the mail is delivered, and if the **quotaused** value is below the **quotalimit** value, the message is delivered regardless of the size of the message. The **quotaused** value can therefore exceed the **quotalimit** value.

Once over the quota, no new messages will be delivered to a user's inbox and mail will bounce. Users will receive a warning from their mail client when their **quotaused** value is over 90% of their quota limit.

#### **-ctsnodeid**

Display the calendar node ID to which the user belongs.

#### **-ctsnodealias**

Display the alias of the calendar node ID to which the user belongs.

**Note:** Calendar node information is displayed only if SCOoffice Mail Connector for Microsoft Outlook is installed.

## Files

*/opt/lsb-sco.com/msg/bin/msguserlist*

the **msguserlist** Perl script

## See also

**msgaclget(8)**, **msgaclset(8)**, **msgcalendarlistnodes(8)**, **msgusercreate(8)**, **msguserdelete(8)**, **msgusergetaliases(8)**, **msguserisadmin(8)**, **msguserlistall(8)**, **msgusermod(8)**, **msguserpw(8)**

# msguserlistall

## Name

msguserlistall — list all SCOoffice Mail Server users' attributes

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msguserlistall domain [ attributes ]
```

## Description

The **msguserlistall** utility is a C program that lists that lists all or specified attributes of all SCOoffice Mail Server users in a domain. Only the SCOoffice Mail Server *admin* user can use the **msguserlistall** tool.

SCOoffice Mail Server user attributes can also be listed with the **Server Manager** in the **Users** menu under **View Users**.

One or more of the following attributes can be specified; without attribute arguments, the default is **-all**:

### **-all**

List all attributes.

### **-uid**

List the user's SCOoffice Mail Server unique identifier (UserID).

### **-domain**

List the domain in which the user is a member

### **-firstname**

List the given name (first name).

**-*lastname*lastname**

List the surname (last name).

**-fullname**

List the user's full name.

**-mail**

List the email address.

**-alternatemail**

List the alternate email address.

**-forward**

List the email forwarding address.

**-homephone**

List the home phone number.

**-businessphone**

List the business phone number.

**-fax**

List the fax number.

**-pager**

List the pager number.

**-mobile**

List the mobile phone number.

**-title**

List the user's job title.

**-mailstop**

List the Interoffice-Mail address.

**-vacationenabled**

List whether absence notification is enabled.

**-vacationsubject**

List absence notification subject heading if enabled.

**-vacationmessage**

List vacation message if enabled.

**-spamfilterenabled**

List whether spam filtering is enabled.

**-spamdestroyenabled**

List whether spam is saved to a folder or destroyed.

**-spamallowed**

List whether spam exception list is enabled.

**-quotalimit**

Display mail store quota in Kb.

**-quotaused**

Display total user mail store usage in Kb.

**-ctsnodeid**

Display the calendar node ID to which the user belongs.

**-ctsnodealias**

Display the alias of the calendar node ID to which the user belongs.

**Note:** Calendar node information is displayed only if SCOoffice Mail Connector for Microsoft Outlook is installed.

## Files

*/opt/lsb-sco.com/msg/bin/msguserlistall*

the **msguserlistall** binary

## See also

`msgaclget(8)`, `msgaclset(8)`, `msgcalendarlistnodes(8)`, `msgusercreate(8)`, `msguserdelete(8)`, `msgusergetaliases(8)`, `msguserisadmin(8)`, `msguserlist(8)`, `msgusermod(8)`, `msguserpw(8)`

# msgusermigrate

## Name

`msgusermigrate` — migrate `/etc/passwd` members to *SCOoffice* Mail Server LDAP datastore

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgusermigrate [ -hash=[CRYPT|MD5] ]
    [ -minUID=uid ] [ -passwdFile=file ] [ -shadowFile=file ] [ -
domain=domain ]
```

## Description

The `msgusermigrate` *SCOoffice* Mail Server migration utility is a Perl script that converts UNIX system `/etc/passwd` entries to an LDAP datastore. After prompting the user for the *admin* password, `msgusermigrate` connects to the *SCOoffice* Mail Server LDAP server identified in the `msg.conf` file and authenticates as the *admin* user. It then:

1. Loads the *passwd* and *shadow* files into memory.
2. Sorts through each *passwd* file entry
3. Verifies that the entry has a *shadow* file entry; if none are found, it continues to the next user.
4. Checks for the existence of the name as a *SCOoffice* Mail Server *UserID*. It also checks within the domain for *alias*, *mailname*, or *alternateMail* attribute entries in the LDAP database. If any match the user name, it does not create the user but generates a warning and proceed.

If no matches are found, it adds the user with **msgusercreate(8)** defaults.

5. Parses the user's shadow entry and sets their password attribute as *{hash}encrypted\_password* in the LDAP database

After disconnecting from the LDAP server, this procedure adds user data to the LDAP datastore file. Depending on system capabilities, migration takes about one hour per 500 users.

Only the *SCOoffice* Mail Server *admin* user can use the **msgusermigrate** tool.

The following options are supported:

**-hash=[CRYPT|MD5]**

Specifies the type of encryption algorithm used by the system shadow password database. The default is **CRYPT**. Most Unix systems use **CRYPT**; before migrating entries from a Linux system, verify which hashing algorithm is used.

**-minUID=*uid***

Specifies the minimum user ID number to add to the *SCOoffice* Mail Server database. The default is 100.

**-passwdFile=*file***

Specifies the name of the file to parse for user information. The default is */etc/passwd*.

**-shadowFile=*file***

Specifies the name of the shadow password file to parse for shadow passwords. The default is */etc/shadow*.

**-domain=*domain***

Specifies the name of the domain to which users will be added. The default is *hostname*.

In this release, the **msgusermigrate** utility only offers migration from legacy UNIX mail systems.

## Example

Follow these steps to create *SCOoffice* Mail Server LDAP datastore entries for existing UNIX system users:

1. Copy the existing */etc/passwd* and */etc/shadow* files to a temporary directory, such as */tmp/migrate*, on your *SCOoffice* Mail Server system.
2. Run the **msgusermigrate** command:
 

```
/opt/lsb-sco.com/msg/bin/msgusermigrate -  
passwdFile=/tmp/migrate/passwd -shadowFile=/tmp/migrate/passwd
```
3. Enter your *SCOoffice* Mail Server *admin* password.

The **msgusermigrate** utility then automatically loads user data into the LDAP datastore. Upon completion, newly created *SCOoffice* Mail Server users can log into the **Preferences Manager** and begin using mail services.

## Files

*/opt/lsb-sco.com/msg/bin/msgusermigrate*

the **msgusermigrate** Perl script

*/etc/opt/lsb-sco.com/msg/msg.conf*

the *SCOoffice* Mail Server configuration file

## See also

*msg.conf*(5), **msgusercreate**(8)

# msgusermod

## Name

msgusermod — modify *SCOoffice* Mail Server user attributes

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msgusermod -uid=name [ attributes ]
```

## Description

The **msgusermod** utility is a Perl script that modifies one or more attributes for a specified *SCOoffice* Mail Server user. Only the *SCOoffice* Mail Server *admin* user can use the **msgusermod** tool.

*SCOoffice* Mail Server user attributes can also be modified with the **Server Manager** in the **Users** menu under **View Users**.

Specify the user with:

**-uid=name**

where *name* is the unique identifier (UserID) within a *SCOoffice* Mail Server mail system.

The following *attributes* are optional but at least one must be specified

**-firstname=firstname**

Modify the given name (*gn*) or first name of the user.

**-lastname=lastname**

Modify the surname of the user, also known as the last name.

**-fullname=fullname**

Modify the user's full name; for example, "Dana Welsh-Haggerty".

**- mail=mailaddress**

Modify the email address.

**-forward=value**

Modify the email forwarding address.

**-homephone=value**

Modify the home phone number.

**-businessphone=value**

Modify the business phone number.

**-fax=value**

Modify the fax number.

**-pager=value**

Modify the pager number.

**-mobile=value**

Modify the mobile phone number.

**-title=value**

Modify the job title.

**-mailstop=value**

Modify the Interoffice-Mail address.

**-forward=email\_address**

Enable email forwarding to the given address. The address is a string that is not verified against the LDAP server.

To cancel email forwarding, enter **-forward=""**.

**-forwardcopy=[ TRUE | FALSE ]**

Save a copy of forwarded mail in the user's inbox if forwarding is enabled.

**-alternatemail=mail\_address**

Add another mail address that will be known as the user; only one is allowed. The address is a string that is not verified against the LDAP server.

To remove the alternate address, enter **-alternatemail=""**.

The following manages user quotas:

**-quotalimit=[ value | NONE ]**

Set or remove quota limits for user mailstores, including inbox and folders. Values are kilobytes of disk space; the value 0 is legal but will disable mail delivery; NONE removes the quota.

The following manages calendar node information if SCOoffice Mail Connector for Microsoft Outlook is installed:

**-ctsnodeid=value**

Reassign the user to a different calendar node ID; *value* must be the numeric ID of an existing calendar node.

The following manage absence notification for a user:

**-vacationenabled=[TRUE | FALSE]**

Enable absence notification is enabled.

**-vacationsubject="value"**

Specify absence notification subject heading if enabled. The default is `Absence notification`.

**-vacationmessage="value"**

Specify vacation message; *value* is limited to 1024 characters. The default is `This is an automated reply: This person is temporarily out of the office.`

The following options manage the receipt of unsolicited email (spam) for a user. Any mail directed to a user as bcc (Blind CC) is assumed to be unsolicited mail. The **spamallowed** option specifies an allowed exception list, that if present in the From: address are not treated as unsolicited mail; user names, domain

names (for example, a company domain), or complete email addresses can be placed in this list. The **spamexclude** option specifies an exception list of user names, domain names and email addresses that are specifically excluded from delivery.

**–spamfilterenabled=[TRUE | FALSE]**

Enable spam filtering.

**–spamdestroyenabled=[TRUE | FALSE]**

Specify how to handle spam. **TRUE** causes it to be destroyed, **FALSE** causes it to be saved to a *inbox.spam* folder in the user's */var/spool/imap* directory.

**–spamallowed=string**

Add a string to the allowed filter list.

**–delallowed=string**

Delete an allowed string.

**–delallallowed**

Delete all allowed strings if present. This option cannot be specified with the **–spamallowed** or **–delallowed** options.

**–spamexclude=string**

Add a string to the exclude filter list.

**–delexclude=string**

Delete an exclude string.

**–delallexclude**

Delete all exclude strings if present. This option cannot be specified with the **–spamexclude** or **–delexclude** options.

## Files

*/opt/lsb-sco.com/msg/bin/msgusermod*

the **msgusermod** Perl script

## See also

`msgaclget(8)`, `msgaclset(8)`, `msgcalendarlistnodes(8)`, `msgusercreate(8)`, `msguserdelete(8)`, `msgusergetaliases(8)`, `msguserisadmin(8)`, `msguserlist(8)`, `msguserlistall(8)`, `msguserpw(8)`

# msguserpw

## Name

`msguserpw` — change a *SCOoffice* Mail Server user's password

## Synopsis

```
/opt/lsb-sco.com/msg/bin/msguserpw name
```

## Description

The `msguserpw` utility is a Perl script that changes a *SCOoffice* Mail Server user's password, prompting on *stdin* for a new password. Only the *SCOoffice* Mail Server *admin* user can use the `msguserpw` tool.

*SCOoffice* Mail Server user passwords can also be reset with the **Server Manager** in the **Users** menu under **View Users** and **Password**.

Specify the user with:

*name*

where *name* is the unique identifier (UserID) within a *SCOoffice* Mail Server mail system.

## Files

`/opt/lsb-sco.com/msg/bin/msguserpw`

the **msguserpw** Perl script

## See also

**msgusercreate(8)**, **msguserdelete(8)**, **msgusergetaliases(8)**, **msguserisadmin(8)**, **msguserlist(8)**, **msguserlistall(8)**, **msgusermod(8)**

# msgvscan

## Name

**msgvscan** — scan a SCOoffice Mail Server message for viruses

## Synopsis

`/opt/lsb-sco.com/msg/bin/msgvscan`

## Description

The **msgvscan** utility is a Perl script that causes SCOoffice Mail Server mail messages to be scanned for viruses by Postfix content filtering. When called from the Postfix *master.cf* file, it invokes the anti-virus software specified in the *vscan.conf* file. The **msgvscan** is automatically added to Postfix configuration files during SCOoffice Mail Server installation.

**Note:** Do not invoke the **msgvscan** utility from the command line; doing so might have an adverse affect on mail delivery.

## Files

*/opt/lsb-sco.com/msg/bin/msgvscan*

the **msgvscan** Perl script

*/etc/opt/lsb-sco.com/msg/vscan.conf*

the **msgvscan** configuration file

## See also

**postfix**(1), *vscan.conf*(5)

