ENSIM PRO - WINDOWS

Ensim Pro 10.3.0 for Windows 2003 Mail Server API Guide

ensim

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Contents

Chapter 3 User-related Mail Server API calls   **24**

Chapter 4 Registration API call   **34**

Index   **36**

About this guide

Introduction

This guide provides information about the email-related application programming interface (API) calls included in Ensim® Pro 10.3.0 for Windows® 2003.

> **Note:** For simplicity, we will refer to Ensim Pro 10.3.0 for Windows 2003 as "Ensim Pro" throughout this document.

Intended audience and required skills

This guide is intended for those who need to set up and use Ensim Pro, including system administrators, technical support staff of Internet service providers (ISPs), or anyone who wants to host domains/sites on a Microsoft Windows Server 2003 server using Ensim Pro.

To use this guide, you need to be familiar with the Windows Server 2003 platform as well as general Internet applications. In addition, you should have some or all of the following skills.

- Using the Microsoft Windows Server 2003 operating system as a system administrator
- Experience with networking applications
- Understanding of system security
- Understanding of DNS

Related documentation

For a list of related documentation, see the Ensim Pro for Windows release notes. Documentation is also available in the Ensim Pro for Windows section of the Ensim Support site, http://support.ensim.com. All customers receive passwords that allow access to this site. If you do not have a password, contact your organization's liaison to Ensim.

Online Help

The Ensim Pro control panel provides comprehensive online Help designed to answer questions and help you find the information you need, when you need it. To access online Help, log in to the control panel, then click the Help links on the lower left navigation panel. To get help for a specific page, click ⍰ on the upper right side of forms.

Document conventions

Throughout this guide, specific fonts are used to identify user input, computer code, and user interface elements. The following table lists conventions used in this guide.

Table 1.   Document conventions

Convention	How it is used
Bold text, serif font	Used for information you type as well as for file names, path names, and CD names. *Example:* On the command line, type **continue.**
Italic text	Used for column names, field names, window names, and book titles. *Example:* The *Select Installation Folder* window is displayed.
Bold, italic text enclosed in angle brackets	Used for variables you replace with the appropriate information. *Example:* Type ***<server_name>*** where ***<server_name>*** is the IP address or host name of your server.
Bold text, sans serif font	Used for items you click or press, such as buttons, menus, and command keys. *Example:* Click Start > Settings > Control Panel.
`Non-proportional font`	Used for system messages, screen text, and code examples. *Example:* The following message is displayed: `The server has been added.`

Note: In addition, key information is sometimes displayed using special headings and formats, such as this one, to make it stand out from regular text.

Support and feedback

For Ensim online support or feedback, use the following links:

- http://support.ensim.com to create an Ensim Support account and access other documentation
- https://onlinesupport.ensim.com to log in to Ensim Support using an existing account
- http://onlinesupport.ensim.com/kb_search_sln.asp to search the knowledge base
- http://www.ensim.com/about/feedback.asp to provide feedback to Ensim

> **Note:** All customers receive passwords that allow access to the Ensim Support site. If you do not have a password, contact your organization's liaison to Ensim.

Overview of API calls

Introduction

Ensim Pro defines a fixed set of e-mail-related tasks that you can perform using the control panel at each level of administration. Each task maps to one or more mail server backend API calls. Ensim Pro 10.3.0 for Windows 2003 calls the API at appropriate times.

Ensim Pro offers two types of API calls to help you integrate your mail server into the existing Ensim Pro setup: **Mail Server API** and **Registration API**.

- **Mail Server API.** This is a backend API used by Ensim Pro to carry out various actions on the underlying mail server. This API is called whenever you perform any action on the mail server through the Ensim Pro control panel.

- **Registration API.** This API is used to register your mail server add-on with Ensim Pro. As a part of the registration process, the mail server backend API that you provide gets plugged into Ensim Pro.

In this section:

Before you start

Before you start integrating the API calls, you may find it helpful to review the following list of rules.

- The mail server backend API calls use either an executable or a script written in any programming language that returns "0" on success and "1" on failure. If it is a script, you must specify the location of the executable that will interpret the script and the parameters it requires while registering the mail add-on. For more information, see the registration instructions ("Registration API call" on page 34).

- The API commands included in this guide are executables and their syntax is:

  APIcommand.exe *<parameter1_value> <parameter2_value> ...*

  where:

  - **APIcommand.exe** is the name of the executable that implements the API call

  - *<parameter1_value>* is the value of the first parameter for the command

  - *<parameter2_value>* is the value of the second parameter for the command, and so on.

> **Note:** Any additional capabilities provided by your mail server are independent and will not be reflected in the Ensim Pro control panel.

- Each backend API implementation performs an input parameter validation and fails the call if any invalid parameters are passed to it.

- **Optional:** If a certain functionality exposed by the Ensim Pro control panel is not supported by your mail server, Ensim Pro displays an error message that it cannot locate the corresponding executable or script to use the API. However, if you want to customize the error message, you can provide a placeholder implementation for the API and fail the API call by returning "1" and printing the appropriate error message.

Changes in the Mail Server API (since Ensim WEBppliance Pro 3.6)

The Mail Server API commands provided in Ensim Pro include some new commands, some updated commands, and some commands that have been deleted but were present in Ensim WEBppliance Pro 3.6 for Windows 2003.

Table 2.   New API commands included in Ensim Pro

Type of command	Command name
New commands	EAddDistributionList.exe
	EAddDistributionListMember.exe
	EAddMailingList.exe
	EAddMailingListMember.exe
	EDeleteDistributionList.exe
	EDeleteDistributionListMember.exe
	EDeleteMailingList.exe
	EDeleteMailingListMember.exe
	EGetCatchallUser.exe
	EGetDistributionListList.exe
	EGetDistributionListMemberList.exe
	EGetMailingListList.exe
	EGetMailingListMemberList.exe
	ESetCatchallUser.exe
	ESuspendUser.exe
	EResumeUser.exe
	EPreExportDomain.exe
	EPostExportDomain.exe
	EPreImportDomain.exe
	EPostImportDomain.exe
	EPreExportUser.exe
	EPostExportUser.exe
	EPreImportUser.exe
	EPostImportUser.exe

Table 3.   API commands updated in Ensim Pro

Name of the command	Change
EAddDomain.exe	**Old Parameters:** DomainName, IpAddress, MailBoxDirectory, MaxMailBoxes, MailDomainOwner, MailDomainOwnerPassword
	New parameters added: SiteType, EnableMailingList, EnableDomainAliases, EnableDistributonList, EnableSpamFilters, EnableUserAliases, EnableForwards, EnableAutoResponders, EnableWebAccess

Table 3.   API commands updated in Ensim Pro

Name of the command	Change
EEditDomain.exe	**Old Parameters:** DomainName, MaxMailBoxes **New parameters added:** SiteType, EnableMailingList, EnableDomainAliases, EnableDistributonList, EnableSpamFilters, EnableUserAliases, EnableForwards, EnableAutoResponders, EnableWebAccess
EAddUser.exe	**Old Parameters:** DomainName, UserName, Password, FirstName, MiddleName, LastName **New parameters added:** EnableForwards, EnableAutoResponders, EnableWebAccess
EEditUser.exe	**Old Parameters:** DomainName, UserName, Password, FirstName, MiddleName, LastName **New parameters added:** EnableForwards, EnableAutoResponders, EnableWebAccess
EdeleteDomainAlias.exe	**Old Parameters:** DomainAlias **New parameters added:** DomainName
EgetSpamFilterList.exe	On executing this command, it displays only those email addresses that have a spam filter record against them. It does not display the type of spam filter or the allow/block flag.
EAddSpamFilter.exe	**Old Parameters:** DomainName bAllow SpamFilterType SpamFilter **New parameters:** DomainName, SpamFilterAddress, TypeOfSpamFilter
EdeleteSpamFilter.exe	**Old Parameters:** DomainName, bAllow, SpamFilterType, SpamFilter **New parameters:** DomainName, SpamFilterAddress
EgetForwardList.exe	On executing this command, it displays only the forward records of the specified username. It does not display the UserName.
EGetUserAliasList.exe	On executing this command, it displays only the user aliases and not the UserName.

Table 4. API commands deleted from Ensim Pro

Type of command	Command name
Deleted commands	EGetDomainList.exe
	EGetUserList.exe
	EGetUserInfo.exe
	EAuthenticateUser.exe
	EGetStatus.exe
	EConfigureMailServer.exe
	EBackupMailServer.exe
	ESetMailUrl.exe
	EDeleteMailURL.exe
	EIsInstalled.exe

Domain-related Mail Server API calls

Introduction

This section explains the Mail Server API calls related to the domain (site) level.

In this section:

Managing a mail domain

This section explains the API calls used for managing a mail domain.

These calls include:

Adding a mail domain

Command name

EAddDomain.exe

Parameters

DomainName - *Name of the mail domain.*

IpAddress - *IP address of the mail domain.*

MailBoxDirectory - *Full path to the directory where the mails for this mail domain should be stored.*

MaxMailBoxes - *Maximum number of mailboxes allowed for this mail domain.*

MailDomainOwner - *Owner of this mail domain. This user is same as the site administrator.*

MailDomainOwnerPassword - *Plain text password for the owner of the mail domain specified by MailDomainOwner parameter.*

ipsite - Value is equal to "1" for an IP-based site and "0" for a name-based site.

EnableMailingLists - Value is equal to "1" for enabling and "0" for disabling.

EnableDomainAliases - Value is equal to "1" for enabling and "0" for disabling.

EnableDistributonLists - Value is equal to "1" for enabling and "0" for disabling.

EnableSpamFilters - Value is equal to "1" for enabling and "0" for disabling.

EnableUserAliases - Value is equal to "1" for enabling and "0" for disabling.

EnableForwards - Value is equal to "1" for enabling and "0" for disabling.

EnableAutoResponders - Value is equal to "1" for enabling and "0" for disabling.

EnableWebAccess - Value is equal to "1" for enabling and "0" for disabling.

Result

The API adds the mail domain and the user specified by MailDomainOwner on the mail domain, and sets the catchrest alias for the mail domain to point to this user. It also sets the properties of the mail domain according to the remaining parameters passed to it.

If you want to set the number of mailboxes to unlimited, the value of the MaxMailBoxes parameter should be "-1". This value is also valid in the backward compatibility mode.

For more information on the backward compatibility mode, see Backward compatibility for existing mail add-ons (page 35).

Editing a mail domain

Command name

EEditDomain.exe

Parameters

DomainName - *Name of the mail domain.*

MaxMailBoxes - *Maximum number of mailboxes allowed for this mail domain.*

EnableMailingLists **- Value is equal to "1" for enabling and "0" for disabling.**

EnableDomainAliases **- Value is equal to "1" for enabling and "0" for disabling.**

EnableDistributonLists **- Value is equal to "1" for enabling and "0" for disabling.**

EnableSpamFilters **- Value is equal to "1" for enabling and "0" for disabling.**

EnableUserAliases **- Value is equal to "1" for enabling and "0" for disabling.**

EnableForwards **- Value is equal to "1" for enabling and "0" for disabling.**

EnableAutoResponders **- Value is equal to "1" for enabling and "0" for disabling.**

EnableWebAccess **- Value is equal to "1" for enabling and "0" for disabling.**

Result

The API verifies whether the existing number of users on the mail domain is greater than the value of MaxMailBoxes. In such cases, the API fails the call with the appropriate error message. It also sets the properties of the mail domain according to the remaining parameters passed to it.

Suspending a mail domain

Command name

ESuspendDomain.exe

Parameters

DomainName - *Name of the mail domain.*

Result

If your mail server does not support suspending a mail domain, the API provides a placeholder implementation. The placeholder implementation simply returns a success.

Resuming a mail domain

Command name

EResumeDomain.exe

Parameters

DomainName - *Name of the mail domain.*

Result

If your mail server does not support suspending and resuming a mail domain, the API provides a placeholder implementation. The placeholder implementation simply returns a success.

Deleting a mail domain

Command name

EDeleteDomain.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API deletes all the information associated with the mail domain including its users, domain aliases, user forwards, and aliases.

Note: Ensim Pro does not make any additional backend calls to clean the "delete" process.

Importing a mail domain

Command name

EPreImportDomain.exe - *This command must be called at the beginning of the* import *process.*

EPostImportDomain.exe - *This command must be called at the end of the import process.*

Parameters

Both the commands use the same list of parameters as mentioned for exporting a mail domain. For the complete list of parameters, see parameters (page 18).

Result

The API calls provide the ability to import the mail domain from the specified directory.

Displaying the Web interface URL

Command name

EGetMailURL.exe

Parameters

DomainName - *Name of the mail domain.*

Result

If your mail server supports a Web-based interface, the API prints the Web URL for the specified mail domain on standard output. Otherwise, the API fails with an exit code of "1".

Changing the IP address of a mail domain

Command name

EChangeDomainIP.exe

Parameters

DomainName - *Name of the mail domain*

IPAddress - *New IP address for the mail domain*

Result

The API changes the IP address of the specified domain to the value specified by IPAddress.

Managing a mail domain alias

This section explains the API calls used for managing a mail domain alias.

These calls include:

Adding a mail domain alias

Command name

EAddDomainAlias.exe

Parameters

DomainName - *Name of the mail domain.*

DomainAlias - *Name of the domain alias.*

Result

The API adds a new mail domain alias.

> **Note:** Ensim Pro does not expect the API to add the necessary DNS records. You can choose to add the necessary DNS records on your own.

Deleting a mail domain alias

Command name

EDeleteDomainAlias.exe

Parameters

DomainName - *Name of the mail domain.*

DomainAlias - *Name of the domain alias.*

Result

The API deletes the specified mail domain alias.

> **Note:** Ensim Pro does not expect the API to remove the necessary DNS records. You can choose to remove the necessary DNS records on your own.

Displaying the list of mail domain aliases

Command name

EGetDomainAliasList.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API prints all the domain aliases for a mail domain specified by DomainName on standard output. Each domain alias name is printed on a separate line.

Exporting a mail domain

Command name

EPreExportDomain.exe - *This command must be called at the beginning of the* export *process.*

EPostExportDomain.exe - *This command must be called at the end of the export process.*

Note: Both the commands use the same list of parameters given below.

Parameters

Note: DomainName - *Name of the mail domain.*

MailBoxDirectory - *Location of the directory where the mails for this mail domain should be stored.*

ExportImportDataLocation - *Location of the directory where the data will be stored.*

MailDomainOwner - *Owner of the mail domain. This user is same as the site administrator.*

EnableMailingLists - *Value is equal to "1" for enabling and "0" for disabling.*

EnableDomainAliases - *Value is equal to "1" for enabling and "0" for disabling.*

EnableDistributonLists - *Value is equal to "1" for enabling and "0" for disabling.*

EnableSpamFilters - *Value is equal to "1" for enabling and "0" for disabling.*

EnableUserAliases - *Value is equal to "1" for enabling and "0" for disabling.*

EnableForwards - *Value is equal to "1" for enabling and "0" for disabling.*

EnableAutoResponders - *Value is equal to "1" for enabling and "0" for disabling.*

EnableWebAccess - *Value is equal to "1" for enabling and "0" for disabling.*

Result

The API calls provide the ability to export the mail domain to the specified directory.

Managing a distribution list for a mail domain

This section explains the API calls used to manage a distribution list for a mail domain.

These calls include:

Adding a distribution list

Command name

EAddDistributionList.exe

Parameters

DomainName - *Name of the mail domain.*

DistributionListName - *Name of the distribution list.*

Result

The API creates the distribution list in the specified mail domain.

Deleting a distribution list

Command name

EDeleteDistributionList.exe

Parameters

DomainName - *Name of the mail domain.*

DistributionListName - *Name of the distribution list.*

Result

The API deletes the distribution list from the specified mail domain.

Displaying all distribution lists for a mail domain

Command name

EGetDistributionListList.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API displays the list of all distribution lists belonging to the specified mail domain, one on each line.

Managing a mailing list for a mail domain

This section explains the API calls used to manage a mailing list for a mail domain.

These calls include:

Adding a mailing list

Command name

EAddMailingList.exe

Parameters

DomainName - *Name of the mail domain.*

MailingListName - *Name of the mailing list to be created.*

Result

The API creates the mailing list in the specified mail domain.

Deleting a mailing list

Command name

EDeleteMailingList.exe

Parameters

DomainName - *Name of the mail domain.*

MailingListName - *Name of the mailing list to be deleted.*

Result

The API deletes the mailing list from the specified mail domain.

Displaying all mailing lists for a mail domain

Command name

EGetMailingListList.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API displays the list of all the mailing lists belonging to the specified mail domain, one on each line.

Managing a spam filter for a mail domain

This section explains the API calls used to manage a spam filter for a mail domain.

These calls include:

Adding a spam filter

Command name

EAddSpamFilter.exe

Parameters

DomainName - *Name of the mail domain.*

SpamFilterAddress - *Spam filter address.*

TypeOfSpamFilter - *Type of spam filter to be applied.*

Result

The API adds a spam filter for the specified mail domain. Depending upon the type of spam filter, the spam filter address is interpreted as email, Domain, or IP address.

- If TypeOfSpamFilter="EMAIL", the API will add an email spam filter
- If TypeOfSpamFilter="IP", the API will add an IP spam filter
- If TypeOfSpamFilter="DOMAIN", the API will add a domain spam filter

Deleting a spam filter

Command name

EDeleteSpamFilter.exe

Parameters

DomainName - *Name of the mail domain.*

SpamFilter - *Spam filter address.*

Result

The API removes the spam filter for the specified mail domain.

Displaying the list of spam filters

Command name

EGetSpamFilterList.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API displays all spam filters for the specified domain, one on each line.

Managing the mail server

This section explains the API calls used to manage the mail server.

These calls include

Starting the mail server

Command name

EStartMailServer.exe

Parameters

None

Result

The API performs the tasks required to start all the mail services.

Stopping the mail server

Command name

EStopMailServer.exe

Parameters

None

Result

The API performs the tasks required to stop all the mail services.

Changing the network settings of the mail server

Command name

EChangeNetworkSettings.exe

Parameters

OldServerIP - *Old primary IP address of the server.*

OldServerFQDN - *Old fully qualified domain name of the server.*

NewServerIP - *New primary IP address of the server.*

NewServerFQDN - *New fully qualified domain name of the server.*

Result

The API updates the mail server with new network settings.

> **Note:** Ensim Pro calls this API when you change the primary IP address of the server and then uses the network configuration utility provided by Ensim Pro to configure it for new network settings. The API will completely take care of updating the mail server with new network settings. Ensim Pro will not touch any mail server configuration.

User-related Mail Server API calls

Introduction

This section explains the Mail Server API calls related to the user level.

In this section:

Managing a mail domain user

This section explains the API calls used to manage a mail domain user.

These calls include:

Adding a mail domain user

Command name

EAddUser.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Password - *Plain text password for the mail domain user.*

FirstName - *First name of the user.*

MiddleName - *Middle name of the user.*

LastName - *Last name of the user.*

UserEnableForwards **- Value is equal to "1" for enabling and "0" for disabling.**

UserEnableAutoResponders **- Value is equal to "1" for enabling and "0" for disabling.**

UserEnableWebAccess **- Value is equal to "1" for enabling and "0" for disabling.**

Result

The API adds all the information associated with the mail domain user.

Editing a mail domain user

Command name

EEditUser.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Password - *Plain text password for the mail domain user.*

FirstName - *First name of the user.*

MiddleName - *Middle name of the user.*

LastName - *Last name of the user.*

UserEnableForwards **- Value is equal to "1" for enabling and "0" for disabling.**

UserEnableAutoResponders **- Value is equal to "1" for enabling and "0" for disabling.**

UserEnableWebAccess **- Value is equal to "1" for enabling and "0" for disabling.**

Result

The API modifies all the information associated with the mail domain user.

Suspending a mail domain user

Command name

ESuspendUser.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the user to be suspended.*

Result

The API suspends the specified user.

Deleting a mail domain user

Command name

EDeleteUser.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Result

The API deletes all the information associated with the mail domain user including aliases, forwards, and autoresponders. It also cleans up the mail storage used by this user.

Note: Ensim Pro does not make any additional backend calls to clean up the user's mail storage.

Resuming a mail domain user

Command name

EResumeUser.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the user to be resumed.*

Result

The API resumes the specified user.

Exporting a mail domain user

Command name

EPreExportUser.exe - *This command must be called at the beginning of the* export *process.*

EPostExportUser.exe - *This command must be called at the end of the export process.*

Note: Both the commands use the same list of parameters given below.

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

MailBoxDirectory - *Location of the directory where the mails for this mail domain should be stored.*

ExportImportDataLocation - *Location of the directory where the data will be stored.*

UserEnableForwards - *Value is equal to "1" for enabling and "0" for disabling.*

UserEnableAutoResponders - *Value is equal to "1" for enabling and "0" for disabling.*

UserEnableWebAccess - *Value is equal to "1" for enabling and "0" for disabling.*

Result

The API calls provide the ability to export the mail domain user to the specified directory.

Importing a mail domain user

Command name

EPreImportUser.exe - *This command must be called at the beginning of the* import *process.*

EPostImportUser.exe - *This command must be called at the end of the import process.*

Parameters

Both the commands use the same list of parameters as mentioned for exporting a mail domain user. For the complete list of parameters, see parameters **(page** 26**).**

Result

The API calls provide the ability to import the mail domain user from the specified directory.

Managing the alias of a mail domain user

This section explains the API calls used to manage the alias of a mail domain user.

These calls include:

Adding an alias for a mail domain user

Command name

EAddUserAlias.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

UserAlias - *User alias for UserName.*

Result

The API adds the specified alias and ensures that there are no users hosted on DomainName with the same alias (as specified by UserAlias).

Deleting the alias for a mail domain user

Command name

EDeleteUserAlias.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

UserAlias - *User alias for the mail domain user.*

Result

The API deletes the specified alias.

Displaying all the aliases of a mail domain user

Command name

EGetUserAliasList.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Result

The API displays the user aliases for the specified UserName, one on each line.

If "u1" is a user on a mail domain "xyz.com" and has two aliases defined, "al1" and "al2", then the output of "EGetUserAliasList.exe xyz.com u1" will print the following on the standard output

```
al1
al2
```

Managing the forward address of a mail domain user

This section explains the API calls used to manage the forwarding address of a mail domain user.

These calls include:

Adding a forward address for a mail domain user

Command name

EAddForward.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

UserForward - *Forward email address for UserName.*

Result

The API adds the forward address for the specified user.

Deleting the forward address of a mail domain user

Command name

EDeleteForward.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

UserForward - *Forward email address for UserName.*

Result

The API deletes the specified forward.

Displaying all the forward addresses of a mail domain user

Command name

EGetForwardList.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Result

The API displays the forwards for the specified username, one on each line.

If "u1" is a user on a mail domain "foo.com" and has two forward records defined: "u1@alternatemail.com" and "u1@mymail.com", then the output of "EGetForwardList.exe foo.com u1" should print the following on the standard output

`u1@alternatemail.com`

`u1@mymail.com`

Managing the members of a distribution list

This section explains the API calls used to manage the members of a distribution list.

Adding a member to a distribution list

Command name

EAddDistributionListMember.exe

Parameters

DomainName - *Name of the mail domain.*

DistributionListName - *Name of the distribution list.*

DistributionListMemberEmailAddress - *Email address of the user to be added.*

Result

The API adds the user to the specified distribution list.

Deleting a member from a distribution list

Command name

EDeleteDistributionListMember.exe

Parameters

DomainName - *Name of the mail domain*.

DistributionListName - *Name of the distribution list.*

DistributionListMemberEmailAddress - *Email address of the user to be deleted.*

Result

The API deletes the user from the specified distribution list.

Displaying the list of members belonging to a distribution list

Command name

EGetDistributionListMemberList.exe

Parameters

DomainName - *Name of the mail domain.*

DistributionListName - *Name of the distribution list.*

Result

The API displays the list of all members belonging to the specified distribution list, one on each line.

Managing the members of a mailing list

This section explains the API calls used to manage the members of a mailing list.

These calls include

Adding a member to a mailing list

Command name

EAddMailingListMember.exe

Parameters

DomainName - *Name of the mail domain.*

MailingListName - *Name of the mailing list.*

MailingListMemberName - *Name of the user to be added to the mailing list.*

MailingListMemberEmailAddress - *Email address of the user to be added to the mailing list.*

Result

The API adds the user to the specified mailing list.

Deleting a member from a mailing list

Command name

EDeleteMailingListMember.exe

Parameters

DomainName - *Name of the mail domain.*

MailingListName - *Name of the mailing list.*

MailingListMemberEmailAddress - *Email address of the user to be deleted from the mailing list.*

Result

The API deletes the user from the specified mailing list.

Displaying the list of members belonging to a mailing list

Command name

EGetMailingListMemberList.exe

Parameters

DomainName - Name of the mail domain.

MailingListName - Name of the mailing list.

Result

The API displays the list of all members belonging to the specified mailing list, one on each line

Managing the catchall user for a mail domain

This section explains the API calls used to manage the catchall user for a mail domain.

These calls include:

Adding a catchall user to a mail domain

Command name

ESetCatchallUser.exe

Parameters

DomainName - *Name of the mail domain.*

CatchallUserEmailAddress - *Email address of the user who will receive all the email messages returned from that mail domain.*

Result

The API adds a user to the specified mail domain as a catchall user who will receive all the email messages returned from that mail domain.

Displaying the list of catchall users for a mail domain

Command name

EGetCatchallUser.exe

Parameters

DomainName - *Name of the mail domain.*

Result

The API displays the list of all the catchall users belonging to the specified mail domain.

Managing autoresponders for mail domain users

This section explains the API calls used to manage autoresponders for mail domain users.

These calls include

Adding an autoresponder for mail domain user

Command name

ESetAutoResponder.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Subject - *Subject text for auto-response email.*

Message - *Message text for auto-response email.*

Result

The API sets up an autoresponder with the specified text for the mail domain user.

Displaying all autoresponder records for a mail domain user

Command name

EGetAutoResponder.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Result

If autoresponder is not enabled for the specified user, the API does not display anything on the screen and returns "0" (successful). If autoresponder is enabled for the specified user, the API prints the Subject text and Message text on the standard output. The first line of output is the Subject text and rest is the Message text.

Deleting the autoresponder record for a mail domain user

Command name

EDeleteAutoResponder.exe

Parameters

DomainName - *Name of the mail domain.*

UserName - *Name of the mail domain user.*

Result

The API deletes all the autoresponder records for the specified mail domain user.

Registration API call

Introduction

This chapter provides information about the Registration API call included in Ensim Pro.

In this section:

Registration API call

This section provides information about using the Registration API call to register your mail add-on with Ensim Pro.

Registering a mail add-on

Command name

RegisterMailAddon.exe

Parameters

VendorName - *Name of the vendor.*

MailServerName - *Name of the mail server.*

MailServerVersion - *Mail server version number.*

MailAPIExtension - *Extension of the API calls.*

MailAPIInterpreter - *Interpreter used by the API calls. If this parameter is equal to "", then a null value is passed.*

MailAPIInterpreterParams - *Parameters to be passed to the interpreter. If you are passing more than one parameter, then they must be separated by a space ( ) or a comma (,) or as required by the interpreter. If this parameter is equal to "", then a null value is passed.*

3.XCompliantAPI - *If you want to use the mail add-on written for Ensim WEBppliance Pro 3.X for Windows 2003, set this parameter to "1".*

Result

The API registers the specified mail add-on.

> **Note:** The RegisterMailAddon command resides in
> ***<install_dir>*\cp\admin\bin\serviceComponents\mail**, where ***<install_dir>*** refers
> to the path where Ensim Pro is installed. For example, if Ensim Pro is installed in
> **C:\Program Files\Ensim\WEBppliance**, then this command resides in the
> **C:\Program Files\Ensim\WEBppliance\cp\admin\bin\
> serviceComponents\mail** directory.

If you are registering an add-on written for **Ensim WEBppliance Pro 3.X for Windows 2003**, and the API calls are executables, run the following command.

RegisterMailAddon.exe VendorName MailServerName `MailServerVersion` exe "" "" 1

If you are registering an add-on written for **Ensim Pro 10.3.0 for Windows 2003**, and the API calls are implemented as VB scripts, run the following command.

RegisterMailAddon.exe VendorName MailServerName MailServerVersion vbs cscript //nologo

Backward compatibility for existing mail add-ons

Ensim Pro supports mail add-ons that are based on the Mail API commands included in Ensim WEBppliance Pro 3.X for Windows 2003. This backward compatibility feature can be enabled using the 3.XCompliantAPI parameter while registering the mail add-on with the RegisterMailAddon (page 34) command.

In backward compatibility mode, the existing mail add-ons are supposed to work as is with Ensim Pro. Exceptions to this include:

1 The new APIs will not work, since they are not implemented by existing mail add-ons. Ensim Pro will throw exceptions in such cases.

2 If the mail add-on assumes Ensim WEBppliance Pro 3.X environment, it may not work as is and might require some modifications.

Index

A

Adding
    a catchall user • 32
    a distribution list • 18
    a distribution list member • 30
    a mail domain • 13
    a mail domain alias • 17
    a mail domain user • 24
    a mail domain user alias • 27
    a mailing list • 20
    a mailing list member • 31
    a spam filter • 21
    a user autoresponder • 33
    a user forward address • 28
API command syntax • 8

B

Backward compatibility for existing mail add-ons • 35

C

Catchall user • 32
    adding • 32
    displaying the list of • 32
Changing network settings of mail server • 22

D

Deleting
    a distribution list • 19
    a distribution list member • 30
    a mail domain • 15
    a mail domain alias • 17
    a mail domain user • 26
    a mail domain user alias • 27
    a mailing list • 20
    a mailing list member • 31
    a spam filter • 21
    a user autoresponder • 33
    a user forward address • 29
Displaying the list of
    catchall users • 32
    distribution list members • 30
    distribution lists • 19
    mail domain aliases • 17
    mail domain user aliases • 28
    mailing list members • 31
    mailing lists • 20
    spam filters • 21
    user autoresponder records • 33
    user forward addresses • 29
Distribution list • 18
    adding • 18
    deleting • 19
    displaying the list of • 19
Distribution list member • 29
    adding • 30
    deleting • 30
    displaying the list of • 30
Domain alias • 16
    adding • 17
    deleting • 17
    displaying the list of • 17

E

Editing
    a mail domain • 14
    a mail domain user • 25
Exporting
    a mail domain • 18
    a mail domain user • 26

I

Importing
    a mail domain • 16
    a mail domain user • 27

M

Mail domain • 13

R

S

U

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