

Configuring Privileges

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Overview

Cisco Unity Express software provides several predefined privileges that you can assign to groups. You can also create your own privileges and modify the predefined privileges.

When you assign a privilege to a group, any member of the group is granted the privilege rights. An administrator group is created automatically by the software initialization process from the imported subscribers designated as administrators. You can assign subscribers to an existing group using CLI commands or the GUI option **Configure > Users**.

When you create or modify privileges, you add or delete the operations allowed by that privilege. Operations define the CLI commands and GUI functions that are allowed. Most operations include only one CLI command and GUI function. In addition to adding operations to a privilege, you can also configure a privilege to have another privilege nested inside of it. A privilege configured with a nested privilege includes all operations configured for the nested privilege.

[Table 1](#) describes the predefined privileges provided with the Cisco Unity Express software and the operations associated with them. [Table 2](#) describes all available operations that you can add to privileges.



Note

You cannot modify the superuser privilege. The superuser privilege includes all the operations.

To configure privileges, see [Creating a New Privilege](#).

To display a list of privileges, use the **show privileges** command in Cisco Unity Express EXEC mode. To display detailed information about a specific privilege, use the **show privilege detail** command.

**Note**

Users do not need privileges to access their own data. The user's data is primarily associated with the voice mail application and includes the user's:

- Language (configured for the user's voice mailbox)
- Password
- PIN
- Membership to groups owned by the user
- Ownership of groups owned by the user
- Notification profile
- Cascade settings
- Personal voice mail zero out number
- Voice mail greeting type
- Voice mail play tutorial flag
- Public distribution lists owned by the user
- Private distribution lists

Table 1 **Privileges**

Privilege	Description	Default Operations
superuser	Grants unrestricted system access.	all
Manageprompts	Allows subscribers access to the AvT prompt management but not to any other administrative functions.	prompt.modify system.debug
broadcast	Allows subscribers to send broadcast messages across the network.	broadcast.local broadcast.remote system.debug
local-broadcast	Allows subscribers to send broadcast messages only to subscribers on the local network.	broadcast.local system.debug
manage-passwords	Allows subscribers to create, modify, and delete user passwords and PINs.	user.pin user.password system.debug
ManagePublicList	Allows subscribers to create and modify public distribution lists.	voicemail.lists. public system.debug
manage-users	Allows subscribers to create, modify, and delete users.	user.configuration user.pin user.password user.mailbox user.notification user.remote, group.configuration system.debug

Table 1 Privileges (continued)

Privilege	Description	Default Operations
ViewHistorical Reports	Allows subscribers to view historical reports.	report.historical
ViewPrivateList	Allows subscribers to view another subscriber's private distribution lists. The subscriber cannot modify or delete the private lists.	voicemail.lists.private.view
ViewRealTime Reports	Allows subscribers to view real-time reports.	report.realtime
vm-imap	Allows subscribers to access the IMAP feature.	voicemail.imap.user

Table 2 Operations

Operation	Description
broadcast.local	Create and send broadcast messages to local locations. Delete or reschedule broadcast messages.
broadcast.remote	Create and send broadcast messages to remote locations.
call.control	Configure settings for Cisco Unified CME (SIP) and Cisco Unified Communications Manager (JTAPI).
database.enterprise	Configure Enterprise database settings.
group.configuration	Create, modify, and delete groups.
network.location	Create, modify, and delete network locations, network location caching, and NDR/DDR configuration.
prompt.modify	Create, modify, and delete system prompts for AA scripts. Also includes upload/download of prompts on the CLI.
report.historical.manage	Configure and generate historical reports. Collect data from Cisco Unity Express using the copy command.
report.historical.view	View historical reports.
report.realtime	Run and view real-time reports.
report.voicemail	Run and view voice mail reports.
restriction.tables	Create, modify, and delete restriction tables.
script.modify	Create, modify, and delete system AA scripts. Also include upload and download of scripts on the CLI and Editor Express.
security.aaa	Configure and modify AAA service settings.

Table 2 **Operations (continued)**

Operation	Description
security.access	Configure system level security regarding encryption of data, including defining crypto keys. Note Also includes permission to reload the system.
security.password	Configure settings for the system password and policy, such as: <ul style="list-style-type: none"> • Expiry • Lockout (temporary and permanent) • History • Length
security.pin	Configure settings for the system PIN and policy, such as: <ul style="list-style-type: none"> • Expiry • Lockout (temporary and permanent) • History • Length
services.configuration	Configure system services: DNS, NTP/clock, SMTP, SNMP, Fax Gateway, Cisco UMG, hostname, domain, interfaces (counters) and system default language. Note Also includes permission to reload the system.
services.manage	System level services commands not related to configuration like clearing DNS cache and ping
site.configuration	Create, modify, or delete sites for use with Cisco UMG.
software.install	Install, upgrade, or inspect system software or add-ons such as languages and licenses. Note Also includes permission to reload the system.
spokenname.modify	Create, modify, and delete spoken names for remote locations, remote users, and public distribution lists. Copy spoken names.
system.application	Configure system applications, such as voice mail, auto-attendant, Prompt Management, and so on.
system.backup	Configure backup.
system.calendar	Create, modify, and delete system schedules and holidays.

Table 2 **Operations (continued)**

Operation	Description
system.configuration	Configure system settings such as the clock, hostname, domain name, default language, and interfaces (counters).
system.debug	Collect and configure trace and debug data. Includes copying data like core and log files.
system.documents	Manage tiff, general, and template documents.
system.numbers	Create, modify, and delete call-in numbers for voice mail, AA, AvT, and IVR. This includes SIP, JTAPI, and HTTP triggers.
system.sessions	Terminate others voice mail sessions (VVE, SIP, or JTAPI). Unlock locked mailboxes.
system.view	View system settings and configuration.
user.configuration	Create, modify, and delete users and groups, including the configuration of: <ul style="list-style-type: none"> • First and Last Name • Nickname • Display Name • Language
user.mailbox	Create, modify, and delete a user or group voice mailbox.
user.notification	Set or change others notification/cascade profiles.
user.password	Create, set, or remove others passwords.
user.pin	Create, set, or remove others pins.
user.remote	Create, modify, and delete remote users.
voicemail.configuration	Configure system-level voice-mail features: <ul style="list-style-type: none"> • Mailboxes • Fax • Notification/cascade • Non-subscriber options • Broadcast • TUI config • Live-record • Live-reply • IMAP • VVE
voicemail.imap.user	Manage personal voice mail via IMAP client.
voicemail.mwi	Reset/Refresh phone message waiting indicators. Configure SIP MWI delivery.

Table 2 **Operations (continued)**

Operation	Description
voicemail.lists.public	Create, modify, and delete public voice mail distribution lists.
voicemail.lists.private.view	(GUI Only) View others private voice mail lists.
webapp.modify	Deploy web applications on Cisco Unity Express.
webapp.control	Start, stop, or restart web applications.


Creating a New Privilege

Use this procedure to create a new privilege and or specify which operations are included in it.

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- Step 1** Choose **Configure > Privileges**. The Privileges Configuration window appears.
 - Step 2** Click **Add**.
 - Step 3** Enter a name and description for the privilege.
 - Step 4** Select the operations that you want to add to the privilege.
 - Step 5** Click **Add**.
 - Step 6** Click **Ok** to save your changes.
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Customizing an Existing Privilege

Use this procedure to change or display which operations are included a privilege.

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- Step 1** Choose **Configure > Privileges**. The Privileges Configuration window appears.
 - Step 2** Select the privilege that you want to customize.
You might have to change the number of rows per page or select a different page to see the privilege that you want to change.
 - Step 3** Select the operations that you want to add to the privilege or deselect the operations that you want to remove.
-  **Note** Some operations are mandatory and cannot be removed.
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- Step 4** Click **Apply**.
 - Step 5** Click **Ok** to save your changes.
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Deleting a Privilege

Use this procedure to delete a privilege.

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- Step 1** Choose **Configure > Privileges**. The Privileges Configuration window appears.
 - Step 2** Select the privilege that you want to delete.
 - Step 3** Click **Delete**.
 - Step 4** Click **Ok** to save your changes.
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