

Sterling Integrator[®]

Mailbox Permission Rights

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Sterling Commerce
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Mailbox Permission Rights

Mailbox users are able to access and perform specific functions based on the service or adapter component being used and the rights that are permitted. The assigned rights are at the mailbox level, and apply to all messages in the mailbox.

Each right is mapped to a specific function:

- ◆ Read - Allows users to get messages from a mailbox.
- ◆ Write - Allows users to put messages into a mailbox.
- ◆ View - Allows users to list mailboxes or messages.
- ◆ Execute - Allows users to access a mailbox.
- ◆ Delete - Allows users to delete messages from a mailbox.

Note: By default, users are assigned all rights.

Rights and Functions

Components interact with mailboxes on behalf of the user. To perform the functions, the user must have the indicated right and permission. If the component tries to perform the function without the appropriate right and permission, the operation will fail.

The following table displays the rights required to perform the specified functions:

Component	Function	Right	Permission
AFT	Replay message into mailbox.	Write	Mailbox
Connect Direct Server Adapter	Read from mailbox.	Read	Mailbox
	Write to mailbox.	Write	Mailbox
FTP Server Adapter	Add message to mailbox.	Write	Mailbox
	Extract message from mailbox.	Read	Mailbox
	List submailbox.	View	All mailboxes from virtual root submailbox
	List virtual root mailbox.	View	Virtual Root Mailbox
	List virtual root mailbox without mailbox execute permission.	Execute	MailboxLoginWithoutVirtualRootPermission
	Login to the virtual root mailbox.	Execute	Virtual Root Mailbox

Component	Function	Right	Permission
	Login to the virtual root mailbox without mailbox execute permission.	Execute	MailboxLoginWithoutVirtualRootPermission
	Move message from mailbox.	Delete	Source Mailbox
	Move message to mailbox.	Write	Destination Mailbox
	Remove message from mailbox.	Delete	Mailbox
Mailbox Add Service	Add message to mailbox.	Write	Mailbox
Mailbox Delete Mailbox Service	Use service.	Execute	MailboxGlobalDelete
Mailbox Delete Service	Use service.	Execute	MailboxGlobalDelete
	Use service without MailboxGlobalDelete.	Delete	All affected mailboxes
Mailbox Extract Begin Service	Extract message from mailbox.	Read	Mailbox
Mailbox Query Service	Use service.	Execute	MailboxGlobalQuery
	Use service without MailboxGlobalQuery.	View	All mailboxes in query
Mailbox Update Service	Update message in mailbox.	Write	Mailbox
Mailbox XAPI createMessage	Create message in mailbox.	Write	Mailbox
Mailbox XAPI beginExtractMessage	Extract message from mailbox.	Read	Mailbox
SSH/SFTP Server Adapter	Add message to mailbox.	Write	Mailbox
	Extract message from mailbox.	Read	Mailbox
	List submailbox.	View	All mailboxes from virtual root submailbox
	List virtual root mailbox.	View	Virtual Root Mailbox
	List virtual root mailbox without mailbox execute permission.	Execute	MailboxLoginWithoutVirtualRootPermission
	Login if Access Control List (ACL) is active.	Execute	Server Permission

Component	Function	Right	Permission
	Login to the virtual root mailbox.	Execute	Virtual Root Mailbox
	Login to the virtual root mailbox without mailbox execute permission.	Execute	MailboxLoginWithoutVirtualRootPermission
	Move message to mailbox.	Write	Destination Mailbox
	Remove message from mailbox.	Delete	Mailbox
WebDAV	Add message to mailbox.	Write	Mailbox
	Extract message from mailbox.	Read	Mailbox
	Get mailbox options.	Execute	Mailbox
	Retrieve properties for URL (PROFIND)	View	Mailbox

Edit an Exported Mailbox File

If you export a Mailbox, the XML file that is created contains the RIGHTS tag in the Permissions section. To edit the value of the rights:

1. Search for RIGHTS in the exported XML file.
2. Change the value according to the following settings:
 - ◆ 1 - EXECUTE
 - ◆ 2 - WRITE
 - ◆ 4 - READ
 - ◆ 8 = DELETE
 - ◆ 16 = VIEW

Add the applicable values to determine the value to assign. For example, for rights to read and write, the value is $2 + 4 = 6$.

3. Import the edited file to activate the RIGHTS settings.