

**Sterling Integrator<sup>®</sup>**

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**Mailbox Permission Rights**

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**Sterling Commerce**  
An IBM Company

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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.

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**Note:** By default, users are assigned all rights.

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# Mailbox User 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
<b>AFT</b>	Replay message into mailbox	Write	Mailbox
<b>Connect Direct Server Adapter</b>	Read from mailbox	Read	Mailbox
	Write to mailbox	Write	Mailbox
<b>FTP Server Adapter</b>	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
	Login to the virtual root mailbox without mailbox execute permission	Execute	MailboxLoginWithoutVirtualRootPermission

Component	Function	Right	Permission
	Move message from mailbox	Delete	Source Mailbox
	Move message to mailbox	Write	Destination Mailbox
	Remove message from mailbox	Delete	Mailbox
<b>Mailbox Add Service</b>	Add message to mailbox	Write	Mailbox
<b>Mailbox Delete Mailbox Service</b>	Use service	Execute	MailboxGlobalDelete
<b>Mailbox Delete Service</b>	Use service	Execute	MailboxGlobalDelete
	Use service without MailboxGlobalDelete	Delete	All affected mailboxes
<b>Mailbox Extract Begin Service</b>	Extract message from mailbox	Read	Mailbox
<b>Mailbox Query Service</b>	Use service	Execute	MailboxGlobalQuery
	Use service without MailboxGlobalQuery	View	All mailboxes in query
<b>Mailbox Update Service</b>	Update message in mailbox	Write	Mailbox
<b>Mailbox XAPI createMessage</b>	Create message in mailbox	Write	Mailbox
<b>Mailbox XAPI beginExtractMessage</b>	Extract message from mailbox	Read	Mailbox
<b>SSH/SFTP Server Adapter</b>	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

Component	Function	Right	Permission
	Login if Access Control List (ACL) is active	Execute	Server 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
<b>WebDAV</b>	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.

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