

ArcTitan's stubbing feature will strip the attachments of older e-mails in Microsoft Exchange and provide a link to the original attachments in the archive. The purpose of this feature is twofold (1) preserve the familiar Outlook experience by enabling users to access archived messages and attachments from within Outlook and in accordance with the user's existing folder structure (2) relieve pressure from the mail server by removing attachments from older messages.

As illustrated above, a stubbed message has its attachment stripped and contains a link to the original message in the archive. Links to individual attachments in the archive are also available. When a user clicks on one of these attachment links, the user is automatically logged in to ArcTitan and the attachment opens immediately. ArcTitan is prevented from stubbing messages that are not available in the archive. This restriction is designed to ensure that no message is modified unless there is a backup copy available. As a further safety measure, the stubbing engine is prevented from stubbing messages younger than sixty days. A stubbed message contains a link to an original message in the archive. When clicking on the link, the Outlook user is taken directly to the message in the archive without having to supply their login information. In reality, the user is authenticated by way of single-sign-on authentication with Windows.

Since the stubbing process modifies information in Microsoft Exchange, care should be taken to ensure that the ArcTitan stubbing rules are defined correctly.

Active Directory Authentication Preparation

ArcTitan's stubbing engine authenticates with Microsoft Exchange using Active Directory authentication. As such as, it is necessary to ensure that Active Directory authentication is selected and functioning correctly as described in section 9.4.3. Since stubbing relies on NTLM authentication, care should be taken to ensure that NTLM authentication is checked in the AD configuration settings.

Stubbing can be enabled at any stage after the ArcTitan server is deployed. However, stubbing is not backwards compatible with earlier versions of ArcTitan. For instance, emails archived by ArcTitan EE v1.9.12 or lower will not be stubbed by the server.

Microsoft Exchange Preparation

The stubbing procedure requires the use of an impersonation account with sufficient privileges to access all mailboxes in Microsoft Exchange. Complete the steps outlined in Section 10 to create an impersonation account and assign the appropriate rights to it.

Stubbing Configuration

The figure above illustrates the configuration settings for ArcTitan's stubbing engine. Care should be taken to ensure that the link prefix correctly points to your instance of ArcTitan since once a message has been stubbed the link prefix cannot be changed. The link prefix should point to the ArcTitan instance as follows:

<http://archive.company.com:8090>

In the link prefix, be sure to use the fully qualified domain name of the ArcTitan server rather than its IP address. In doing so, you will have the flexibility to change the IP address of the ArcTitan server.

Before enabling stubbing, it is strongly recommended to test your stubbing rules individually. To do this:

- Ensure that stubbing enabled global option is unchecked
- Create a new stubbing rule and choose the desired options
- Save your configuration settings
- Create a test mailbox in MS Exchange
- Send a few test messages to it with attachments, varied text and so on
- Verify that the messages are stubbed correctly and according to your preferences

Parameter	Description
Server Type	Mail server type
Mail Server Address	The fully qualified domain name of your mail server address (e.g. exchange.ArcTitan.com)
Connection Mode	Whether or not to use a secure connection (i.e. TLS)
Impersonate Account	Username The 'journal' account username. The account should have sufficient privileges to read from all mailboxes in Exchange
Impersonate Account Password	The password to the 'journal' account
Stubbing Interval	Specifies how frequently stubbing should occur
Stub Notice	Message appended to each message stub
Link URL Prefix	Link prefix to your ArcTitan instance
Link Text	Link text

Days Since Sent	No. Days since the message was sent
-----------------	-------------------------------------

The following stubbing operations are available:

Delete	Message Remove message entirely
Strip Attachments	Strip attachments from the message

Due to the potential for unwanted data loss, it is very important to test each and every one of your stubbing rules against a test account containing a sample of messages. After everything is tested thoroughly, you may enable message stubbing. Though every effort has been made to ensure that stubbing is as safe as possible, Stimulus Software will not be held liable for data loss due to misconfiguration, program faults, or for any other reason.