



## Email

The `Email` action element sends messages to the provided email address. Additionally the message can include attachments. The application server must be configured to set a JNDI datasource for mail sessions. The `to` and `toList` fields are not individually required; however, at least one must be defined. Email addresses are not verified for syntax or validity. Attachments that do not exist will be skipped but the message will still be sent. Repeated email addresses are sent the message multiple times. The `toList`, `ccList` and `bccList` settings must refer to session data variables that holds a `ResultSetList` Java class holding a list of email addresses (retrieved from a Database element).

- [Settings, on page 1](#)
- [Exit States, on page 2](#)
- [Folder and Class Information, on page 3](#)
- [Events, on page 3](#)
- [Set Up Email Element, on page 3](#)

## Settings

Name (Label)	Type	Req'd	Single Setting Value	Substitution Allowed	Default	Notes
<code>jndiName</code> (JNDI Name)	string	Yes	true	true	<i>None</i>	The configured JNDI datasource for mail sessions under the java application server.
<code>to</code> (To)	string	No	false	true	<i>None</i>	The email address this message will be sent to. This setting is repeatable so that each setting value contains a separate email address.
<code>toList</code> (To List)	string	No	true	true	<i>None</i>	The name of a session data variable containing a <code>ResultSetList</code> object holding a list of email addresses as retrieved from a Database element. The email will be sent to every address in this list.

from (From)	string	Yes	true	true	None	The email address this message will be sent from.
cc (Cc)	string	No	false	true	None	The email address this message will be carbon copied to. This setting is repeatable so that each setting value contains a separate email address.
ccList (Cc List)	string	No	true	true	None	The name of a session data variable containing a ResultSetList object holding a list of email addresses as retrieved from a Database element. The email will be carbon copied to each address in this list.
bcc (Bcc)	string	No	false	true	None	The email address this message will be blind carbon copied to. This setting is repeatable so that each setting value contains a separate email address.
bccList (Bcc List)	string	No	true	true	None	The name of a session data variable containing a ResultSetList object holding a list of email addresses as retrieved from a Database element. The email will be blind carbon copied to each address in this list.
subject (Subject)	string	No	true	true	None	Subject field of the email.
attachment (Attachment)	string	No	false	true	None	Full local path of the file to be attached. This setting is repeatable so that each setting value contains a reference to separate attachments.
messageBody (Message Body)	string	Yes	true	true	None	The message body of the email.

## Exit States

Name	Notes
done	The database query successfully completed.

## Folder and Class Information

Studio Element Folder Name	Class Name
Notification	com.audium.server.action.email.EmailAction

## Events

Name (Label)	Notes
Event Type	You can select Java Exception as event handler type.

The output of the Customer\_Lookup element can be in JSON format . To know more about parsing the JSON Data refer to "Parsing JOSN Data" section in *User Guide for Cisco Unified CVP VXML Server and Cisco Unified Call Studio*.

## Set Up Email Element

For the Email element to work, add a mail session under Tomcat manually.

### Procedure

- Step 1** Edit the `\Tomcat\conf\context.xml` file.
- Step 2** Within the `<Context>` `</Context>` tags, add the following:

```
<Resource name="mail/ChrisMail"
type="javax.mail.Session"
mail.smtp.host="xmb-sjc-22d.amer.cisco.com"/>
```

Here, the name must be `mail/ANY_NAME_YOU_CHOOSE`, type must be `javax.mail.Session`, and `mail.smtp.host` must be a working SMTP server.

**Note** In Studio, edit the configuration of the Email element in question. Set the JNDI name to the `ANY_NAME_YOU_CHOOSE` portion of what you entered in the Tomcat settings. In the preceding example, you can enter `ChrisMail` but ensure that you do not include the `mail/` portion here.

