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# Web Services API Reference

CometD notifications

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# CometD notifications

You can subscribe to the `/v2/me/emails` topic to receive **CometD** notifications for the Email API. This topic provides messages related to emails, including changes to email state and updates to email data. It supports the following message types:

- **EmailStateChangeMessage**

## EmailStateChangeMessage

Property	Description
<code>data</code>	The data element is present in all CometD notifications and is the root JSON element. You can use <code>data.messageType</code> to identify the message and determine what other properties should be present.
<code>data.messageType</code>	This property identifies the message type, in this case <code>EmailStateChangeMessage</code> .
<code>data.notificationType</code>	This property further identifies the type of notification and can have one of the following values: <ul style="list-style-type: none"><li>• <code>StatusChange</code> — The status of the email has changed.</li><li>• <code>PropertiesUpdated</code> — The email data has changed.</li><li>• <code>EmailSaved</code> — The email has been saved.</li><li>• <code>AttachmentAdded</code> — The attachment has been added to the email.</li><li>• <code>AttachmentRemoved</code> — The attachment has been removed from the email.</li><li>• <code>Error</code> — This is sent when an operation on the email resource fails.</li></ul>
<code>data.email</code>	An <b>email resource</b> with the updated state and capabilities.
<code>data.referenceId</code>	The reference identifier is used to link the notification to the original request that created it.

### Example

```
{
  "data": {
    "referenceId": 2,
    "notificationType": "StatusChange",
    "messageType": "EmailStateChangeMessage",
```

```
"email":{
  "userData":{
    "Header_Content-Type":"multipart/mixed;boundary="=====1990376455=="",
    "RTargetTypeSelected":"2",
    "RTargetObjectSelected":"E-maildistributionforprocessing",
    "_ContainsAttachment":"false",
    "_CBR-actual_volume":"",
    "RVQID":"",
    "To":"GWS@gplus-w2k3-gf80",
    "Header_Date":"Tue,11Mar201412: 22: 18+0200",
    "_AttachmentsSize":"0",
    "_AutoReplyCount":0,
    "RTargetObjSelDBID":"114",
    "Header_MIME-Version":"1.0",
    "Mailbox":"GWS@gplus-w2k3-gf80.emea.int.genesyslab.com",
    "CBR-Interaction_cost":"",
    "CBR-contract_DBIDs":"",
    "ContactId":"0000Wa9CAM6W018X",
    "RTargetAgentSelected":"12345",
    "CBR-IT-path_DBIDs":"",
    "RTargetAgentGroup":"E-maildistributionforprocessing",
    "RTargetRuleSelected":"",
    "FromPersonal":"",
    "RTargetPlaceSelected":"a1",
    "_AttachmentFileNames":"",
    "RTenant":"Environment",
    "RRequestedSkills":None,
    "Origination_Source":"Email",
    "RRequestedSkillCombination":"",
    "RVQDBID":"",
    "RStrategyDBID":"785",
    "CustomerSegment":"default",
    "ServiceType":"default",
    "FromAddress":"qwerty@hpe-voicevm-34-23.genesyslab.com",
    "ServiceObjective":0,
    "Header_Message-ID":"<jrjbxh4xazm2xo3.110320141222@192.168.67.43>",
    "PegAGE-maildistributionforprocessing":1,
    "RTargetRequested":"E-maildistributionforprocessing",
    "EmailAddress":"qwerty@hpe-voicevm-34-23.genesyslab.com",
    "RStrategyName":"SimpleEmailInStrategy",
    "Subject":"Test_V2"
  },
  "from":"qwerty@hpe-voicevm-34-23.genesyslab.com",
  "contactId":"0000Wa9CAM6W018X",
  "capabilities":[
    "Reply",
    "ReplyAll",
    "Transfer",
    "AddComment",
    "AttachUserData",
    "UpdateUserData",
    "DeleteUserData",
    "SetDisposition",
    "SetInFocus",
    "Complete"
  ],
  "uri":"http://localhost:8080/api/v2/email/00012a9HEEG0325N",
  "to":[
    "GWS@gplus-w2k3-gf80"
  ],
  "state":"Processing",
  "revelantResponseTemplateGroups":[]
}
```

```
    ],  
    "id": "00012a9HEEG0325N",  
    "subject": "Test_V2"  
  }  
}
```