



# Cisco Unity Connection Provisioning Interface (CUPI) API -- User Mailbox API

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## Mailbox API

To get object ID for message aging policy, use URI

```
GET https://<connection server>/vmrest/messageagingpolicies
```

```
GET https://<connection server>/vmrest/users/<userobjectid>/mailboxattributes
```

## Listing the Mailbox Details of a User

```
GET https://<connection-server>/vmrest/users/<userobjectid>/mailboxattributes
```

The following is the response from the \*GET\* request and the actual response will depend upon the information given by you:

```
<MailboxAttributes>
  <ByteSize>0</ByteSize>

  <MessageAgingPolicyObjectId>efb2f81f-32c5-4ed6-ba6b-d85260012d5c</MessageAgingPolicyObjectId>

  <Mounted>true</Mounted>
  <NotificationType>0</NotificationType>
  <SendReadReceipts>>false</SendReadReceipts>
  <NumMessages>0</NumMessages>
  <Send>1024</Send>
  <Receive>1024</Receive>
  <Warn>1024</Warn>
</MailboxAttributes>
```

```
Response Code: 200
```

### JSON Example

```
GET https://<connection-server>/vmrest/users/<userobjectid>/mailboxattributes
Accept: application/json
Connection: keep-alive
```

The following is the response from the \*GET\* request and the actual response will depend upon the information given by you:

```
{
  "ByteSize": "0",
  "MessageAgingPolicyObjectId": "efb2f81f-32c5-4ed6-ba6b-d85260012d5c",
  "Mounted": "true",
  "NotificationType": "0",
  "SendReadReceipts": "false",
  "NumMessages": "0",
  "ReceiveQuota": "1024",
  "SendQuota": "1024",
  "WarningQuota": "1024"
}
```

```
Response Code: 200
```

## Updating Mailbox Quota

Request Body: for use system settings

```
<UserTemplate>
  <ReceiveQuota>-2</ReceiveQuota>
  <SendQuota>-2</SendQuota>
  <WarningQuota>-2</WarningQuota>
</UserTemplate>
```

The following is the response from the \*PUT\* request for use system settings and the actual response will depend upon the information given by you:

```
Response Code: 204
```

Request Body: for custom system maximum settings

```
<UserTemplate>
  <ReceiveQuota>-1</ReceiveQuota>
  <SendQuota>-1</SendQuota>
  <WarningQuota>-1</WarningQuota>
</UserTemplate>
```

The following is the response from the \*PUT\* request for custom system maximum settings and the actual response will depend upon the information given by you:

```
Response Code: 204
```

Request Body: for custom settings

```
<UserTemplate>
  <ReceiveQuota>1048576</ReceiveQuota>
  <SendQuota>1048576</SendQuota>
  <WarningQuota>1048576</WarningQuota>
</UserTemplate>
```

The following is the response from the \*PUT\* request for custom settings and the actual response will depend upon the information given by you:

```
Response Code: 204
```

### JSON Example

To change mailbox quota, do the following:

```
PUT https://<connection-server>/vmrest/users/<userobjectid>/mailboxattributes
Accept: application/json
Content-type: application/json
Connection: keep-alive
```

```
{
  "ReceiveQuota": "104345",
  "SendQuota": "104345",
  "WarningQuota": "104345"
}
```

The following is the response from the above \*PUT\* request and the actual response will depend upon the information given by you:

```
Response Code: 204
```



**Note** Above all values are in bytes and in Cisco Unity Connection Administration, it takes values in MB.

## Explanation of Data Fields

Field Name	Data Types	Operation	Description
Send	Integer	Read/Write	Send limit mailbox size (in bytes). (Max:2048 MB) Possible values: <ul style="list-style-type: none"> <li>• 2: The default system quota is assigned.</li> <li>• 1: The quota is unlimited.</li> </ul> 1- n : Limit in bytes which is integral multiple of 1024 bytes.

Field Name	Data Types	Operation	Description
Warning	Integer	Read/Write	Warning limit mailbox size (in bytes). Maximum size can be 2048 MB. Possible values: <ul style="list-style-type: none"> <li>• 2: The default system quota is assigned.</li> <li>• 1: The quota is unlimited.</li> </ul> 1- n : Limit in bytes which is integral multiple of 1024 bytes.
Receive	Integer	Read/Write	Receive limit mailbox size (in bytes). Maximum size can be 2048 MB. Possible values: <ul style="list-style-type: none"> <li>• 2: The default system quota is assigned.</li> <li>• 1: The quota is unlimited.</li> <li>• 1- n : Limit in bytes. which is integral multiple of 1024 bytes</li> </ul>
SendReadReceipts	Boolean	Read/Write	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf. Possible values: <ul style="list-style-type: none"> <li>• false: Disable</li> <li>• true: Enable</li> </ul> Default value: false
ByteSize	Integer	Read Only	The total size, in bytes, of all voice messages for the current user.
Mounted	Boolean	Read Only	A flag indicating whether the mailbox store is mounted. Possible value: <ul style="list-style-type: none"> <li>• false: unMounted</li> <li>• true: Mounted</li> </ul> Default value: true
NotificationType	Integer	Read/Write	The notification type to use for this mailbox created Possible value: <ul style="list-style-type: none"> <li>• false: Classical - marking a message unread, read and back to unread will turn the notification (mwi) on, off and back on.</li> <li>• true: Modern - once a message has been touched (read) then it will not trigger notifications each time the message is marked unread and read again.</li> </ul> Default Value: false
NumMessages	Integer	Read Only	The total number of new messages, read messages, and messages that have been marked deleted

<b>Field Name</b>	<b>Data Types</b>	<b>Operation</b>	<b>Description</b>
MessageAgingPolicyObjId	String (36)	Read/Write	Object ID of a message aging policy

