



# Cisco Unity Connection Provisioning Interface (CUPI) API for User Template

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- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Caller Inputs, on page 1](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Greetings API , on page 6](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Mailbox , on page 17](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Message Settings, on page 18](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- Message Action Template, on page 26](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Notification Devices, on page 28](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Phone Menu, on page 36](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- Playback Message Settings, on page 40](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Post Greeting Recordings, on page 43](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- Send Message Settings, on page 44](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template Transfer Rules, on page 44](#)
- [Cisco Unity Connection Provisioning Interface \(CUPI\) API -- User Template, on page 51](#)

## Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Caller Inputs

### User Template Caller Inputs

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

From the above URI, get the call handler primary template object ID:

```
GET https://<connection-server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>
```

## Updating Caller Input Parameters

The following is an example of the PUT request that updates caller input parameters:

```
PUT
https://<connection-server>/vmrest/handlers/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/menuentries
```

All the parameters for caller inputs are present in callhandlerprimarytemplate.

```
Request Body:
<CallhandlerPrimaryTemplate>
  <OneKeyDelay>9999</OneKeyDelay>
  <EnablePrependDigits>true</EnablePrependDigits>
  <PrependDigits>4545</PrependDigits>
</CallhandlerPrimaryTemplate>
```

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** <PrependDigit> parameter must be having digits only (extension parameter)

## Updating Caller Input Keys

The following is an example of the PUT request that updates the call input keys:

```
PUT
https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>/menuentries
```

The following is an example of the PUT request that edits the call input keys:

```
PUT
https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>/menuentries/*
```

where "\*" is the touchtone key ID.

```
<MenuEntry>
  <Locked>true</Locked>
</MenuEntry>
```

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

```
Response Code: 204
```

### Example 1: Edit call actions

Values	Parameters
0	Ignore
1	Hang Up
4	Take Message

Values	Parameters
5	Skip Greeting
6	Restart Greeting
7	Transfer to alternate contact number
8	Route from next call routing rule

```
<MenuEntry>
  <Action>7</Action>
  <TransferType>1</TransferType>
  <TransferNumber>2344</TransferNumber>
  <TransferRings>4</TransferRings>
</MenuEntry>
```

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

Response Code: 204

### Example 2: Edit Call Handler

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>PHGreeting</TargetConversation>
  <TargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</TargetHandlerObjectId>
</MenuEntry>
```

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

Response Code: 204

To get the call handler object ID:

```
GET https://<connection-server>/vmrest/handlers/callhandlers
```

### Example 3: Interview handler

```
<MenuEntry>
  <Action>2</Action>
  <TargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</TargetHandlerObjectId>
</MenuEntry>
```

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

Response Code: 204

To get the Interview Handler object ID:

```
https://<connection-server>/vmrest/handlers/interviewhandlers
```

### Example 4: Directory handler

```
<MenuEntry>
  <Action>2</Action>
  <TargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</TargetHandlerObjectId>
</MenuEntry>
```

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

Response Code: 204

To get the Directory Handler object ID:

```
https://<connection-server>/vmrest/handlers/directoryhandlers
```

### Example 5: Conversation

Request Body: for broadcast message administrator

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>BroadcastMessageAdministrator</TargetConversation>
</MenuEntry>
```

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

Response Code: 204

Request Body: for caller system transfer

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>SystemTransfer</TargetConversation>
</MenuEntry>
```

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

Response Code: 204

Request Body: for greeting administrator

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>GreetingAdministrator</TargetConversation>
</MenuEntry>
```

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

Response Code: 204

Request Body: for sign in

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>SubSignIn</TargetConversation>
</MenuEntry>
```

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

Response Code: 204

Request Body: for user system transfer

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>SubSysTransfer</TargetConversation>
</MenuEntry>
```

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

Response Code: 204

### Example 4: Users with Mailbox

```
<MenuEntry>
  <Action>2</Action>
  <TargetConversation>PHTransfer</TargetConversation>
```

```
<TargetHandlerObjectId>71cb381b-fd16-4ba8-8a1d-e71684e57b0e</TargetHandlerObjectId>
</MenuEntry>
```

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

Response Code: 204

### JSON Example

For conversation, do the following:

```
PUT
https://<connection-server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/menuentries/4
Accept: application/json
Content-type: application/json
Connection: keep-alive

{
  "Action": "2",
  "TargetConversation": "SubSignIn"
}
```

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

## Explanation of Data Fields

Parameter	Data Type	Operations	Comments
OneKeyDelay	Integer	Read/Write	Indicate the amount of time that System waits for additional input after callers press a single key that is not locked. If there is no input within this time, system performs the action assigned to the single key.  We recommend a value of 1,500 milliseconds (one and one-half seconds).  <b>Note</b> <ul style="list-style-type: none"> <li>This option is unavailable if Ignore Caller Input is enabled on the Greetings page.</li> <li>OneKeyDelay can only accept integer with value 0 through 10000</li> </ul>
EnablePrependDigits	Boolean	Read/Write	To simulate abbreviated extensions by using prepended digits for call handlers and user mailboxes. When such digits are defined, they are prepended to any extension that a caller dials while listening to the greeting for the call handler or user mailbox.  Default value: false.
PrependDigits	Integer	Read/Write	Digits that are prepended to any extension that a caller dials while listening to the greeting of the user.
MenuEntriesURI	String(36)	Read Only	Parameters for caller input keys are present in menu entries URI.
TouchtoneKey	String(1)	Read Only	Indicates the phone keypad key to which the settings apply.

Parameter	Data Type	Operations	Comments
Locked	Boolean	Read/Write	A locked menu entry does not allow additional dialing after this choice is entered. Values can be: <ul style="list-style-type: none"> <li>• False: Unlocked - Additional dialing after this choice is entered is allowed</li> <li>• True: Locked - Additional dialing is ignored</li> </ul> Default value: false.
Action	Integer	Read/Write	Takes values from 0-8. See table for values.
CallHandlerObjectId	String(36)	Read Only	Menu entries can only belong to call handlers. No other object can own a menu entry.
TargetConversation	String(36)	Read/Write	The name of the conversation to which the caller is routed.
TargetHandlerObjectId	String(36)	Read/Write	The unique identifier of the specific object to send along to the target conversation.
TransferNumber	Integer	Read/Write	Extension to which call is transferred.
TransferType	Integer	Read/Write	Values can be: <ul style="list-style-type: none"> <li>• 0: Release to switch</li> <li>• 1: Supervise transfer</li> </ul>
TransferRings	Integer	Read/Write	Applies only when the "TransferType" column is set to supervised (1). This value should never be less than 2 for a supervised transfer.

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

## User Template Greetings APIs

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

From the above URI, get the call handler primary template object ID:

```
GET https://<connection-server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>
```

The following URI can be used to view the greetings:

```
GET https://<connection-server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/usertemplategreetings
```

The following URI can be used to view the alternate greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Alternate
```

The following URI can be used to view the busy greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Busy
```

The following URI can be used to view the error greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Error
```

The following URI can be used to view the closed greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Off%20Hours
```

The following URI can be used to view the standard greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Standard
```

The following URI can be used to view the holiday greeting:

```
GET https://<connection-
server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId
>/usertemplategreetings/Holiday
```

## Updating Fields of Greeting

```
PUT
https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>/greetings/Alternate
```

Request Body: Enable greeting

```
<Greeting>
  <EnableTransfer>true</EnableTransfer>
</Greeting>
```

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

```
Response Code: 204
```

Request Body: enable with no end date

```
<Greeting>
  <EnableTransfer>true</EnableTransfer>
  <TimeExpires></TimeExpires>
</Greeting>
```

The following is the response from the \*PUT\* request to enable with no end date and the actual response will depend upon the information given by you:

```
Response Code: 204
```

Request Body: enable until

```
<Greeting>
  <EnableTransfer>true</EnableTransfer>
  <TimeExpires>2014-12-31 05:30:00.000</TimeExpires>
</Greeting>
```

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

```
Response Code: 204
```

Request Body: edit caller hears

```
<Greeting>
  <PlayWhat>2</PlayWhat>
  <PlayRecordMessagePrompt>true</PlayRecordMessagePrompt>
</Greeting>
```

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

```
Response Code: 204
```

Request Body: enable ignore caller inputs

```
<Greeting>
  <IgnoreDigits>true</IgnoreDigits>
</Greeting>
```

The following is the response from the \*PUT\* request to enable ignore caller inputs and the actual response will depend upon the information given by you:

```
Response Code: 204
```

Request Body: enable allow transfers to numbers not associated with users or call handlers

```
<Greeting>
  <IgnoreDigits>>false</IgnoreDigits>
  <EnableTransfer>true</EnableTransfer>
</Greeting>
```

The following is the response from the \*PUT\* request to enable allow transfers to numbers not associated with users or call handlers and the actual response will depend upon the information given by you:

```
Response Code: 204
```

### JSON Example



```
PUT
https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>/greetings/Alternate
Accept: application/json
Content-type: application/json
Connection: keep-alive
```

```
{
  "EnableTransfer":"true","IgnoreDigits":"false"
}
```

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
```

## Changing after Greeting Actions

By default all the handlers must have tenant specific handlers

### Example 1: Change Call Actions

```
Request Body:
<UserTemplateGreeting>
  <AfterGreetingAction>8</AfterGreetingAction>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```

### JSON Example

To change call actions, do the following:

```
PUT
https://<connection-server>/vmrest/callhandlerprimarytemplates/60cd837d-f1cf-43c2-b199-85b457858a16/usertemplategreetings/Alternate
Accept: application/json
Content-type: application/json
Connection: keep-alive
```

```
Request Body:
{
  "AfterGreetingAction":"8"
}
```

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** Values used for changing call actions are - 1,4,6,8

### Example 2: Change Call Handler

```
Request Body:
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>PHTransfer</AfterGreetingTargetConversation>

<AfterGreetingTargetHandlerObjectId>ee065a6a-3f95-4b4d-bbbd-98cb2d4c0aa9</AfterGreetingTargetHandlerObjectId>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```



**Note** For attempt transfer use PHTransfer and for go directly to greetings use PHGreeting and AfterGreetingTargetHandlerObjectId can be viewed from URI:

```
GET https://<connection-server>/vmrest/handlers/callhandlers
```

### Example 3: Change Interview handler

```
Request Body:
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>PHInterview</AfterGreetingTargetConversation>

<AfterGreetingTargetHandlerObjectId>2f6a0058-7535-48ac-abcd-c4b41d13f47e</AfterGreetingTargetHandlerObjectId>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```



**Note** AfterGreetingTargetHandlerObjectId can be viewed from URI:

```
GET https://<connection-server>/vmrest/handlers/interviewhandler
```

### Example 4: Change Directory handler

```
Request Body:
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>AD</AfterGreetingTargetConversation>

<AfterGreetingTargetHandlerObjectId>1f1941a5-3bb7-47ee-96f9-78691cd8ad43</AfterGreetingTargetHandlerObjectId>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```



**Note** AfterGreetingTargetHandlerObjectId can be viewed from URI:

```
GET https://<connection-server>/vmrest/handlers/directoryhandler
```

### Example 5: Change Conversation

```
Request Body: for broadcast message administrator
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>

<AfterGreetingTargetConversation>BroadcastMessageAdministrator</AfterGreetingTargetConversation>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```

```
Request Body: for caller system transfer
<UserTemplateGreeting>

  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>SystemTransfer</AfterGreetingTargetConversation>

</UserTemplateGreeting>
```

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

```
Response Code: 204
```

```
Request Body: for greeting administrator
<UserTemplateGreeting>

  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>GreetingsAdministrator</AfterGreetingTargetConversation>

</UserTemplateGreeting>
```

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

```
Response Code: 204
```

```
Request Body: for sign in
<UserTemplateGreeting>

  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>SubSignIn</AfterGreetingTargetConversation>

</UserTemplateGreeting>
```

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

```
Response Code: 204
Request Body: for user system transfer
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>SubSysTransfer</AfterGreetingTargetConversation>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```

### Example 6: Change user with Mailbox

```
<UserTemplateGreeting>
  <AfterGreetingAction>2</AfterGreetingAction>
  <AfterGreetingTargetConversation>PHTransfer</AfterGreetingTargetConversation>

<AfterGreetingTargetHandlerObjectId>92a9008d-9e18-4cd1-8e3c-10df32295cd8</AfterGreetingTargetHandlerObjectId>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```

## Changing Caller Option

```
<UserTemplateGreeting>
  <EnAltGreetDontRingPhone>true</EnAltGreetDontRingPhone>
  <EnAltGreetPreventSkip>true</EnAltGreetPreventSkip>
  <EnAltGreetPreventMsg>true</EnAltGreetPreventMsg>
</UserTemplateGreeting>
```

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

```
Response Code: 204
```

## Creating Greeting

The following URI can be used to add greetings:

```
POST https://<connection-
server>/vmrest/callhandlerprimarytemplates/<Callhandlerprimarytempl
atesObjectId>/usertemplategreetings/Alternate/greetingstreamfiles
```

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

```
Response Code: 201
```

## Save Video Greetings

Unity Connection allows you to save video greetings using both GET and PUT requests.

### Example of GET Request

```
GET
http://<connection-server>/vmrest/Callhandlerprimarytemplates/<callhandlerobjectid>/usertemplates/Greetings/<GreetingType>/GreetingStreamFiles/<Language>/video
```

The following is the response of the above GET command and the output may vary depending on your inputs.

```
Response: 200
<CallControl>
  <resourceId>aad91d6d-aeca-4a72-8069-b656efb3041f.wav</resourceId>
  <sessionId>570146ed1504cb1</sessionId>
</CallControl>
```

### JSON Example

```
Request
GET
vmrest/handlers/callhandlers/30600b21-1a4c-47a3-a078-8078984e5376/greetings/Standard/greetingstreamfiles/1033/video
Accept: application/json
User-Agent: Java/1.6.0_17
Host: <connection-server>
Connection: keep-alive
authorization: Basic Y2NtYWRtaW5pc3RyYXRvcjplY3NidWxhYg=
```

```
Response
HTTP/1.1 200
Content-Type: application/json
Date: Fri, 15 Jan 2010 15:14:11 GMT
Server:
{ "resourceId" : " aad91d6d-aeca-4a72-8069-b656efb3041f.wav", "sessionId" : "570146ed1504cb1" }
```

### Example of PUT Request

```
PUT
http://<connection-server>/vmrest/Callhandlerprimarytemplates/<callhandlerobjectid>/usertemplates/Greetings/<GreetingType>/GreetingStreamFiles/<Language>/video
```

```
<CallControl>
  <resourceId>aad91d6d-aeca-4a72-8069-b656efb3041f.wav</resourceId>
  <sessionId>570146ed1504cb1</sessionId>
</CallControl>
```

Response: 204 OK

### JSON Example

```
Request
PUT
vmrest/handlers/callhandlers/30600b21-1a4c-47a3-a078-8078984e5376/greetings/Standard/greetingstreamfiles/1033/video
Content-Type: application/json
Accept: application/json
Host: <connection-server>
Connection: keep-alive
authorization: Basic Y2NtYWRtaW5pc3RyYXRvcjplY3NidWxhYg==

{ "resourceId" : " aad91d6d-aeca-4a72-8069-b656efb3041f.wav", "sessionId" : "570146ed1504cb1" }
```

```
Response :
HTTP/1.1 204
Content-Type: application/json
Date: Fri, 15 Jan 2010 15:14:11 GMT
Server:
```

## Explanation of Data Fields

Parameter	Data Type	Operations	Comments
CallHandlerObjectId	String(36)	Read Only	The unique identifier of the call handler object to which this greeting rule belongs.
IgnoreDigits	Boolean	Read/Write	A flag indicating whether Cisco Unity Connection takes action in response to touchtone keys pressed by callers during the greeting.  Values can be: <ul style="list-style-type: none"> <li>• False: Caller input enabled during greeting</li> <li>• True: Caller input ignored during greeting</li> </ul> Default Value: False
PlayWhat	Integer(2)	Read/Write	The source for the greeting when this greeting is active.  Default Value: 0 Default Values can be: <ul style="list-style-type: none"> <li>• Call handler - 1 (recording)</li> <li>• Subscriber - 0 (system)</li> </ul>

Parameter	Data Type	Operations	Comments
RepromptDelay	Integer(2)	Read/Write	<p>The amount of time (in seconds) that Cisco Unity Connection waits without receiving any input from a caller before Cisco Unity Connection prompts the caller again.</p> <p>Default Value:2 Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Do not wait without receiving caller input and do not replay greeting.</li> <li>• 1 or greater: Wait this number of seconds without receiving any input from the caller before playing the greeting again.</li> </ul>
Reprompts	Integer(2)	Read/Write	<p>The number of times to reprompt a caller. After the number of times indicated here, Cisco Unity Connection performs the after-greeting action.</p> <p>Default Value: 0 Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Do not reprompt - Cisco Unity Connection will play the greeting once and then the after-greeting action is taken.</li> <li>• 1 or greater: Number of times to reprompt.</li> </ul>
TimeExpires	DateTime(8)	Read/Write	<p>The date and time when the greeting rule expires. The greeting rule is considered not expired (enabled), if the value is NULL or a future date. The greeting rule is considered expired (disabled), the value is in the past.</p>
GreetingType	String(12)	Read Only	<p>The type of greeting, e.g. "Standard," "Off Hours," "Busy," etc.</p>
AfterGreetingAction	Integer(2)	Read/Write	<p>AfterMessageAction can only accept integer with value 1, 2, 4, 6, 8</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 1: Hang up</li> <li>• 2. for other actions with object id (call handler, interview handler, directory handler)</li> <li>• 4. Take Message</li> <li>• 6. Restart greeting</li> <li>• 8: Route from next call routing rule.</li> </ul>
AfterGreetingActionObjectId	String(36)	Read/Write	<p>The unique identifier of the CallAction object that determines what action Cisco Unity Connection will take on the call after the greeting is played.</p>

Parameter	Data Type	Operations	Comments
PlayRecordMessagePromp	Integer(2)	Read/Write	<p>A flag indicating whether the "Record your message at the tone..." prompt prior to recording a message.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: System will not play the "Record your message at the tone..." prompt prior to recording a message.</li> <li>• 1: System will play the "Record your message at the tone..." prompt prior to recording a message.</li> </ul> <p>Default Value: 1</p>
EnableTransfer	Boolean	Read/Write	<p>A flag indicating when an extension is dialed at the greeting and the extension is not available whether to transfer to another extension.</p> <p>Default value: 0 Values can be:</p> <ul style="list-style-type: none"> <li>• 0: User cannot be transferred to another extension.</li> <li>• 1: User can "be transferred to another extension."</li> </ul>
EnablePersonalVideoRecording	Boolean	Read/Write	<p>A flag indicating whether the personal video recording of the user will be used.</p> <p>Values:</p> <ul style="list-style-type: none"> <li>• true : Personal Video Recording is enabled.</li> <li>• false : Personal Video Recording is not enabled.</li> </ul> <p>Default value : false</p>
PlayRecordVideoMessagePrompt	Boolean	Read/Write	<p>A flag indicating whether Cisco Unity Connection will prompt callers to wait for a tone before recording their video message.</p> <p>Values:</p> <ul style="list-style-type: none"> <li>• true : Callers will be prompted with a tone before recording their video message.</li> <li>• false : Callers will not be prompted with a tone before recording their video message.</li> </ul> <p>Default value : false</p> <p>This flag is editable only when the flag EnablePersonalVideoRecording is set to True.</p>
EnAltGreetDontRingPhone	Boolean	Read/Write	Transfer Callers to Greeting without Ringing User's Phone
EnAltGreetPreventSkip	Boolean	Read/Write	Prevent Callers from Skipping the User's Greeting
EnAltGreetPreventMsg	Boolean	Read/Write	Prevent Callers from Leaving Messages



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

## 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.

## Updating Mailbox Store

Get the mailbox store object ID from the following URI:

```
GET https://<connection-server>/vmrest/voicemailboxstores
Request Body:
<UserTemplate>
  <MailboxStoreObjectId>9dfffae1-eae2-4eab-abe9-7b0773881d54</MailboxStoreObjectId>
</UserTemplates>
```

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

```
Response Code: 204
```



**Note** Input should be in bytes, that is multiple of 1024.

# Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Message Settings

## User Template Message Settings

Administrator can use this API to create/update/delete/fetch the message settings. All the parameters of message settings are present in call handler primary template.

```
GET https://<connection server>/vmrestvmrest/usertemplates/<usertemplateobjectid>
```

From the above URI get the call handler primary template URI:

```
GET https://<connection-server>/vmrestvmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>
```

## Updating Message Settings

The following is an example of the PUT request that updates message settings:

```
PUT https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>
```

```
<Callhandler>
  <EditMsg>true</EditMsg>
  <MaxMsgLen>1000</MaxMsgLen>
  <AfterMessageAction>1</AfterMessageAction>
  <SendUrgentMsg>2</SendUrgentMsg>
  <UseCallLanguage>false</UseCallLanguage>
  <SendSecureMsg>false</SendSecureMsg>
  <SendPrivateMsg>1</SendPrivateMsg>
  <PlayAfterMessage>2</PlayAfterMessage>
</Callhandler>
```

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
```

### JSON Example

```
PUT https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>
Accept: application/json
Content-type: application/json
Connection: keep-alive
```

```
{
  "AfterMessageAction": "2",
  "AfterMessageTargetConversation": "SystemTransfer"
}
```

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
```

## Updating after Message Actions

### Example 1: Call Handler

```
PUT
https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>
```

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>PHGreeting</AfterMessageTargetConversation>
  <AfterMessageTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</AfterMessageTargetHandlerObjectId>
</Callhandler>
```

The following is an example of the GET request that shows the call handler object ID:

```
GET https://<connection-server>/vmrest/handlers/callhandlers
```

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

```
Response Code: 204
```

### Example 2: Interview Handler

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>

  <AfterMessageTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</AfterMessageTargetHandlerObjectId>

  <AfterMessageTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</AfterMessageTargetHandlerObjectId>
</Callhandler>
```

The following is an example of the GET request that shows the interview handler template object ID:

```
GET https://<connection-server>/vmrest/handlers/interviewhandlers
```

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

```
Response Code: 204
```

### Example 3: Directory Handler

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>AD</AfterMessageTargetConversation>

  <AfterMessageTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</AfterMessageTargetHandlerObjectId>

</Callhandler>
```

The following is an example of the GET request that shows the interview handler template object ID:

```
GET https://<connection-server>/vmrest/handlers/directoryhandlers
```

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

```
Response Code: 204
```

### Example 4: Conversation

Request Body: for broadcast message administrator

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>

  <AfterMessageTargetConversation>BroadcastMessageAdministrator</AfterMessageTargetConversation>
</Callhandler>
```

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

```
Response Code: 204
```

Request Body: for caller system transfer

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>SystemTransfer</AfterMessageTargetConversation>
</Callhandler>
```

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

```
Response Code: 204
```

Request Body: for greeting administrator

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>GreetingAdministrator</AfterMessageTargetConversation>
</Callhandler>
```

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

```
Response Code: 204
```

For sign in

```
<Callhandler>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>SubSignIn</AfterMessageTargetConversation>
</Callhandler>
```

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

```
Response Code: 204
```

For system transfer:

```
Request Body:
<CallhandlerPrimaryTemplate>
  <AfterMessageAction>2</AfterMessageAction>
  <AfterMessageTargetConversation>SubSysTransfer</AfterMessageTargetConversation>
</CallhandlerPrimaryTemplate>
```

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

```
Response Code: 204
```

**JSON Example**

```

PUT https://<connection-server>/vmrest/handlers/callhandlers/<CallhandlerObjectId>
Accept: application/json
Content-type: application/json
Connection: keep-alive
Request Body:
{
  "AfterMessageAction": "2",
  "AfterMessageTargetConversation": "SystemTransfer"
}

```

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
```

## Explanation of Data Fields

Parameter	Ojects	Data Type	Comments
MaxMsgLen	Integer	Read/Write	The maximum recording length (in seconds) for messages left by unidentified callers.  Default value : 300 Range: 1-3600
EditMsg	Boolean	Read/Write	Allows callers to be prompted to listen to, add to, rerecord, or delete their messages.  Values can be: <ul style="list-style-type: none"> <li>• False: Callers cannot edit messages</li> <li>• True: Callers can edit messages</li> </ul> Default value: True

Parameter	Objects	Data Type	Comments
UseDefaultLanguage	Boolean	Read/Write	<p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: The language is the default language defined for the call handler template.</li> <li>• True: The language is derived from the location to which this call handler template belongs.</li> </ul> <p>Default value: False</p>
UseCallLanguage	Boolean	Read/Write	<p>This flag allows that language to be the language used by handlers in the system to play prompts for users.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not use the language specified by the system call routing rule to play prompts for users</li> <li>• True: Use the language specified by the system call routing rule to play prompts for users</li> <li>• Default value: False</li> </ul>

Parameter	Ojects	Data Type	Comments
SendUrgentMsg	Integer	Read/Write	<p>A flag indicating whether an unidentified caller can mark a message as "urgent."</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Never - messages left by unidentified calls are never marked urgent.</li> <li>• 1: Always - all messages left by unidentified callers are marked urgent.</li> <li>• 2: Ask - Cisco Unity Connection asks unidentified callers whether to mark their messages urgent.</li> </ul>
SendPrivateMsg	Integer	Read/Write	<p>Determines if an outside caller can mark their message as private.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Never - No messages are marked private.</li> <li>• 1: Always - All messages are marked private.</li> <li>• 2: Ask - Ask the outside caller if they wish to mark the message as private.</li> </ul>



Parameter	Ojects	Data Type	Comments
SendSecureMsg	Boolean	Read/Write	<p>A flag indicating whether an unidentified caller can mark a message as "secure."</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Never - messages left by unidentified calls are never marked secure.</li> <li>• 1: Always - all messages left by unidentified callers are marked secure.</li> </ul>
PlayAfterMessage	Integer	Read/Write	<p>Indicates whether the Sent Message Prompt Recording referenced by Post Greeting</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Do not play recording</li> <li>• 1: System default recording</li> <li>• 2: Play recording</li> </ul>
AfterMessageAction	Integer	Read/Write	<p>AfterMessageAction can only accept integer with value 1 or 8 or 2</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 1: Hang up</li> <li>• 8: Route from next call routing rule.</li> </ul>

# Cisco Unity Connection Provisioning Interface (CUPI) API -- Message Action Template

## Message Action Template

To edit a message action template, you must get the URI for message action from:

```
GET https://<connection server>/vmrestvmrest/usertemplates/<usertemplateobjectid>
```

Message action URI:

```
GET https://<connection server>/vmrestvmrest/usertemplates/<usertemplateobjectid>/useremplatemessageactions/<useremplatemessageactionsobjectid>
```

## Updating Message Action

```
Request URI
PUT https://<connection server>/vmrest/usertemplates/<usertemplateobjectid>/useremplatemessageactions/<objectid>
Request Body:
<UserTemplateMessageAction>
  <VoicemailAction>3</VoicemailAction>
  <RelayAddress>%texoma%@tenant.com</RelayAddress>
</UserTemplateMessageAction>
```

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
```

JSON Example

To update message actions, do the following:

```
Request URI:
PUT
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/useremplatemessageactions/<objectid>
Accept: application/json
Content-type: application/json
Connection: keep-alive
Request Body:
{
  "VoicemailAction": "3"
  "RelayAddress": "texoma@tenant.com"
}
```

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** For relay message and accept and relay message option relay address is mandatory and relay address must be correct for e.g.: tenant@cisco.com In the same way all other actions can be edited like: Voicemail Action, Email Action, Fax Action and Delivery Receipt Action

## Explanation of Data Fields

Parameter	Data Types	Operation	Comments
VoicemailAction	Integer	Read/Write	<p>The action to take for voicemail messages.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Reject the Message</li> <li>• 1: Accept the Message</li> <li>• 2: Relay the Message</li> <li>• 3: Accept and Relay the Message</li> </ul> <p>For 2 and 3, values have to provide RelayAddress.</p>
EmailAction	Integer	Read/Write	<p>The action to take for email messages.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Reject the Message</li> <li>• 1: Accept the Message</li> <li>• 2: Relay the Message</li> <li>• 3: Accept and Relay the Message</li> </ul> <p>For 2 and 3, values have to provide RelayAddress.</p>
FaxAction	Integer	Read/Write	<p>The action to take for fax messages.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Reject the Message</li> <li>• 1: Accept the Message</li> <li>• 2: Relay the Message</li> <li>• 3: Accept and Relay the Message</li> </ul> <p>For 2 and 3, values have to provide RelayAddress.</p>

Parameter	Data Types	Operation	Comments
DeliveryReceiptAction	Integer	Read/Write	<p>The action to take for delivery receipt messages.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• 0: Reject the Message</li> <li>• 1: Accept the Message</li> <li>• 2: Relay the Message</li> <li>• 3: Accept and Relay the Message</li> </ul> <p>For 2 and 3, values have to provide RelayAddress.</p>
RelayAddress	String (320)	Read/Write	<p>Select the address to which system relays voicemail, email, fax, or delivery receipts when Connection is configured to relay that message type. This field is not editable unless you have selected Relay the Message or Accept and Relay the Message as the message action for one or more message types.</p> <p><b>Note</b> In order to configure Connection to relay messages, you must first configure an SMTP Smart Host on the System Settings &gt; SMTP Configuration &gt; Smart Host page. Enter a combination of text and tokens that Connection replaces with a value from the user profile. (For example, Connection replaces %Alias% with the alias from each user profile when editing the corresponding user.)</p>

## Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Notification Devices

### User Template Notification Devices

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

From the above URI, get the notification devices object ID:

```
https://<connectionserver>/vmrest/usertemplates/<usertemplateobjectid>/usertemplatenotificationdevices
```

## Pager

The following URI can be used to view the pager device by using user template notification device object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<user-template-object-id>/user-templatenotificationdevices/user-template-pager-devices/<user-template-notification-device-object-id>
Request Body: Updating Pager
<UserTemplatePagerDevice>
  <Active>true</Active>
  <DisplayName>Pager1</DisplayName>
  <InitialDelay>1</InitialDelay>
  <RepeatNotify>true</RepeatNotify>
  <RepeatInterval>1</RepeatInterval>
  <EventList>AllMessage</EventList>
  <RetriesOnBusy>4</RetriesOnBusy>
  <BusyRetryInterval>5</BusyRetryInterval>
  <RetriesOnRna>4</RetriesOnRna>
  <RnaRetryInterval>15</RnaRetryInterval>
  <RetriesOnSuccess>0</RetriesOnSuccess>
</UserTemplatePagerDevice>
```

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** To activate notification device <PhoneNumber> parameter is mandatory and <RepeatInterval > parameter is mandatory to enable repeat notify. The provide values can be changed and values are given in above table.

### JSON Example

To view pager devices, do the following:

```
GET
https://<connection-server>/vmrestvmrest/usertemplates/<user-template-object-id>/user-templatenotificationdevices/
user-template-pager-devices/<user-template-notification-device-object-id>
Accept: application/json
Content-type: application/json
Connection: keep-alive
```

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

## Explanation of Fields: Pager

```
{
  "URI":"/vmrest/userTemplates/6164ac2d-e8ec-441a-93a0-95f8e18a655c/userTemplateNotificationDevices/userTemplatePagerDevices/ad6bdb87-7ab6-4a2a-b4fb-5dae6fd6804c"

  "TransmitForcedAuthorizationCode":"false"
  "BusyRetryInterval":"5"
  "DialDelay":"1"
  "RetriesOnBusy":"4"
  "RetriesOnRna":"4"
  "RingsToWait":"4"
  "RnaRetryInterval":"15"
  "SendCount":"true"
  "WaitConnect":"true"
  "MediaSwitchObjectId":"0ad0b88c-4a70-4cf7-913e-d5d7a921caca"
  "PhoneSystemURI":"/vmrest/phonesystems/0ad0b88c-4a70-4cf7-913e-d5d7a921caca"
  "ObjectId":"ad6bdb87-7ab6-4a2a-b4fb-5dae6fd6804c"
  "Active":"false"
  "DeviceName":"Pager"
  "DisplayName":"Pager"
  "MaxBody":"512"
  "MaxSubject":"64"
  "SubscriberObjectId":"6164ac2d-e8ec-441a-93a0-95f8e18a655c"
  "UserURI":"/vmrest/users/6164ac2d-e8ec-441a-93a0-95f8e18a655c"
  "SendCallerId":"true"
  "Undeletable":"true"
  "SuccessRetryInterval":"1"
  "RetriesOnSuccess":"0"
  "EventList":"NewVoiceMail"
  "ScheduleSetObjectId":"5fc5a5d7-eaf6-4f4d-80cf-f76f3893ac0e"
  "InitialDelay":"0"
  "RepeatInterval":"0"
  "RepeatNotify":"false"
}
```

Response Code: 200

## Explanation of Fields: Pager

Parameter	Data Type	Operation	Comments
Active	Boolean	Read/Write	Enable notification device. Default value: False
DisplayName	String	Read/Write	Name of notification device
DeviceName	String	Read Only	Device name of notification device which can't be changed.
FailDeviceObjectId	String	Read/Write	Have to provide notification device object id.  To move back to "Do nothing option", don't provide any object Id in this parameter.

Parameter	Data Type	Operation	Comments
EventList	String	Read/Write	<p>Values can be:</p> <ul style="list-style-type: none"> <li>• All messages: AllMessage</li> <li>• All message urgent only: AllUrgentMessage</li> <li>• All Voice messages: NewVoiceMail</li> <li>• All voice message urgent only: NewUrgentVoiceMai</li> <li>• Dispatch messages: DispatchMessage</li> <li>• Dispatch message urgent only: UrgentDispatchMessage</li> <li>• Fax messages: NewFax</li> <li>• Fax messages urgent only: NewUrgentFax</li> <li>• All voice messages and fax message urgent only: NewUrgentFax,NewVoiceMail</li> <li>• All voice message urgent only and fax message: NewUrgentFax,NewUrgentVoiceMail</li> <li>• Fax message and all voice message: NewFax,NewVoiceMail</li> </ul>
PhoneNumber	Integer	Read/Write	To activate notification device phone number is mandatory.
AfterDialDigits	String (32)	Read/Write	The extra digits (if any) that Cisco Unity Connection will dial after the phone number. For numeric pagers, the extra digits are shown on the pager display.
DialDelay	Integer		The amount of time (in seconds) Cisco Unity Connection will wait after detecting a successful call before dialing specified additional digits (if any). Additional digits are contained in AfterDialDigits.
InitialDelay	Integer	Read/Write	<p>The amount of time (in minutes) from the time a message is received until the message notification triggers (if the message matches the criteria).</p> <p>Default Value: 0 Range: 0-120</p>

Parameter	Data Type	Operation	Comments
RingsToWait	Integer	Read/Write	The number of rings Cisco Unity Connection will wait before hanging up if the device does not answer. Default value: 4 Range: 1-100
RetriesOnBusy	Integer	Read/Write	The number of times Cisco Unity Connection will retry the notification device if it is busy. Default value: 4 Range: 0-100
BusyRetryInterval	Integer	Read/Write	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is busy. Default value: 5 Range: 1-100
RetriesOnRna	Integer	Read/Write	The number of times Cisco Unity Connection will retry the notification device if the device does not answer. Default value: 4 Range: 0-100
RnaRetryInterval	Integer	Read/Write	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device does not answer. Default value: 15 Range: 1-100
RetriesOnSuccess	Integer	Read/Write	The number of times Cisco Unity Connection will retry the notification device if it is successful. Default value: 0 Range: 0-100
SuccessRetryInterval	Integer	Read/Write	The amount of time (in minutes) Cisco Unity Connection will wait between tries if the device is successful. Default value: 1 Range: 1-100
MediaSwitchObjectid	String	Read/Write	The unique identifier of the MediaSwitch objects to use for notification.

## Phone Devices

Phone devices are of 3 types: work phone, home phone and mobile phone. You have to provide phone device object id to edit any of the 3 devices. All the parameters are same as of pager except 1. That is `<PromptForId>true</PromptForId>`. The following URI can be used to view the phone device using user template notification object ID:



```
GET https://<connection-
server>/vmrest/usertemplates/<userTemplateobjectId>/usertemplatenotificationdevices/usertemplatephonedevice
es/<usertemplatenotificationdeviceobjectId>
```

## HTML Devices

The following URI can be used to view the html devices using user template notification object ID:

```
GET https://<connection-
server>/vmrest/usertemplates/<userTemplateobjectId>/usertemplatenotificationdevices/usertemplatehtmldevice
es/<usertemplatenotificationdeviceobjectId>
Request Body: To update an HTML Device
<UserTemplateHtmlDevice>
  <Active>true</Active>
  <SmtpAddress>tenant@cisco.com</SmtpAddress>
  <DisableMobileNumberFromPCA>>false</DisableMobileNumberFromPCA>
  <HeaderText>erwr</HeaderText>
</UserTemplateHtmlDevice>
```

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** To activate the SmtpAddress parameter is mandatory.

## Explanation of Fields: HTML Device

Parameter	Data Type	Operation	Comment
DeviceName	String	Read/Write	Device name of HTML notification device.
EventList	String	Read/Write	By default it is NewVoiceMail.
SmtpAddress	String	Read/Write	SMTP address to be notified.
NotificationTemplateID	String	Read/Write	HTML notification templates.
DisableMobileNumberFromPCA	Boolean	Read/Write	Disable Outdial Number From Cisco PCA. Default value: False
CallbackNumber	Integer	Read/Write	Outdial number.

Parameter	Data Type	Operation	Comment
DisableTemplateSelectionFromPCA	Boolean	Read/Write	Disable HTML Template selection From Cisco PCA. Default value: False

## SMTP Devices

The following URI can be used to view the SMTP devices using user template notification object ID:

```
GET https://<connection
server>/rest/users/<userid>/user-template-notification-devices/<notification-device-object-id>
Request Body: SMTP Devices
<UserTemplateSmtDevice>
<StaticText>ritu</StaticText>
<Active>true</Active>
<DeviceName>SMTP</DeviceName>
  <SendCallerId>>false</SendCallerId>
  <SendPcaLink>true</SendPcaLink>
  <Undeletable>true</Undeletable>
  <HeaderText>erwr</HeaderText>
  <FooterText>efs</FooterText>
  <EventList>AllMessage, CalendarAppointment,CalendarMeeting</EventList>
</UserTemplateSmtDevice>
```

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
```

## Explanation of fields: SMTP Devices

Parameter	Data Type	Operation	Comment
Active	Boolean	Read/Write	Enable SMTP notification device. SMTP address is mandatory to enable it. Default value: False
SmtAddress	String	Read/Write	SMTP address to be notified.
InitialDelay	Integer	Read/Write	Delay before the First Notification Attempt
RepeatNotify	Boolean	Read/Write	Repeat Notification if there are Still New Messages. Default value: False
RepeatInterval	Integer	Read/Write	Notification Repeat Interval

Parameter	Data Type	Operation	Comment
EventList	String	Read/Write	Values can be: <ul style="list-style-type: none"> <li>• All messages: AllMessage</li> <li>• All message urgent only: AllUrgentMessage</li> <li>• All Voice messages: NewVoiceMail</li> <li>• All voice message urgent only: NewUrgentVoiceMai</li> <li>• Dispatch messages: DispatchMessage</li> <li>• Dispatch message urgent only: UrgentDispatchMessage</li> <li>• Fax messages: NewFax</li> <li>• Fax messages urgent only: NewUrgentFax</li> <li>• All voice messages and fax message urgent only: NewUrgentFax,NewVoiceMail</li> <li>• All voice message urgent only and fax message: NewUrgentFax,NewUrgentVoiceMail</li> <li>• Fax message and all voice message: NewFax,NewVoiceMail</li> <li>• Calendar Appointment: CalendarAppointment</li> <li>• Calendar meeting: CalendarMeeting</li> </ul>
PhoneNumbe	Integer	Read/Write	From which number SMTP notification is sent.
HeaderText	String	Read/Write	Message Header
StaticText	String	Read/Write	Message text
FooterText	String	Read/Write	Message footer
SendCallerId	Boolean	Read/Write	Include Message Information in Message Text. Default value: True
SendCount	Boolean	Read/Write	Include Message Count in Message Text. Default value: True

Parameter	Data Type	Operation	Comment
SendPcaLink	Boolean	Read/Write	Include a Link to the Cisco Unity Connection Web Inbox in Message Text. Default value: False

## Creating a new Notification device

The following URI can be used to create a pager device:

```
POST https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/useremplatenotificationdevices/usertemplatepagerdevices
Request Body:
<UserTemplateNotificationDevice>
  <DisplayName>Newpager</DisplayName>
  <MediaSwitchObjectId>8adf6869-4afc-4455-9fd5-d05b68ca6630</MediaSwitchObjectId>
</UserTemplateNotificationDevice>
```

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

```
Response Code: 201
```

```
/vmrest/usertemplates/<objectid>/useremplatenotificationdevices/<objectid>
```

Phone system Id is mandatory to create pager device.

# Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Phone Menu

## User Template Phone Menu

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

## Updating Phone menu fields

```
Request Body:
<UserTemplate>
  <PromptVolume>50</PromptVolume>
  <PromptSpeed>100</PromptSpeed>
  <IsClockMode24Hour>>false</IsClockMode24Hour>
  <ConversationTui>SubMenu</ConversationTui>
  <MessageLocatorSortOrder>1</MessageLocatorSortOrder>
  <JumpToMessagesOnLogin>>false</JumpToMessagesOnLogin>
</UserTemplate>
```

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
```

## Updating Conversation fields

### Example 1: Edit call actions

```
<User>
  <ExitAction>1</ExitAction>
</User>
```

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

```
Response Code: 204
```

### Example 2: Edit call handler

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>PHTransfer</ExitTargetConversation>
  <ExitTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</ExitTargetHandlerObjectId>
</User>
```

The following URI can be used to view call handler template object ID:

```
GET https://<connection-server>/vmrest/handlers/callhandlers
```

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

```
Response Code: 204
```

### Example 3: Interview handler

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>PHInterview</ExitTargetConversation>
  <ExitTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</ExitTargetHandlerObjectId>
</User>
```

The following is an example of the GET request that shows the interview handler template object ID:

```
GET https://<connection-server>/vmrest/handlers/interviewhandlers
```

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

```
Response Code: 204
```

### Example 4: Directory handler

The following is an example of the GET request that shows the directory handler template object ID:

```
GET https://<connection-server>/vmrest/handlers/directoryhandlers
```

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>AD</ExitTargetConversation>
  <ExitTargetHandlerObjectId>c1fc1029-55f4-40dc-a553-40b75664ed8a</ExitTargetHandlerObjectId>
</User>
```

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

```
Response Code: 204
```

### Example 5: Conversation

Request Body: for broadcast message administrator

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>BroadcastMessageAdministrator</ExitTargetConversation>
</UserTemplate>
```

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

```
Response Code: 204
```

Request Body: for caller system transfer

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>SystemTransfer</ExitTargetConversation>
</User>
```

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

```
Response Code: 204
```

Request Body: for greeting administrator

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>GreetingAdministrator</ExitTargetConversation>
</User>
```

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

```
Response Code: 204
```

Request Body: for sign in

```
<UserTemplate>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>SubSignIn</ExitTargetConversation>
</UserTemplate>
```

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

```
Response Code: 204
```

Request Body: for user system transfer

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>SubSysTransfer</ExitTargetConversation>
</User>
```

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

```
Response Code: 204
```

Example 6: Users with Mailbox

```
<User>
  <ExitAction>2</ExitAction>
  <ExitTargetConversation>PHTransfer</ExitTargetConversation>
  <ExitTargetHandlerObjectId>71cb381b-fd16-4ba8-8a1d-e71684e57b0e</ExitTargetHandlerObjectId>
</User>
```

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

```
Response Code: 204
```

**JSON Example** To set exit action, do the following:

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

```
{
  "ExitAction": "2",
  "ExitTargetConversation": "SubSysTransfer"
}
```

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

```
Response Code: 204
```

## Explanation of Data Fields

Parameters	Values
useBriefPrompts	*True: Brief • False: Full

Parameters	Values
PromptVolume	*25: Low <ul style="list-style-type: none"> <li>• 50: Medium</li> <li>• 100: High</li> </ul>
PromptSpeed	*50: Slow <ul style="list-style-type: none"> <li>• 100: Normal</li> <li>• 150: Fast</li> <li>• 200: Fastest</li> </ul>
IsClockMode24Hour	*True: 24-Hour Clock (00:00 - 23:59) <ul style="list-style-type: none"> <li>• False: 12-Hour Clock (12:00 AM - 11:59 PM)</li> </ul>
ConversationTUI	*SubMenu: Classic Conversation <ul style="list-style-type: none"> <li>• SubMenu_Alternate_Custom: Custom keypad mapping1</li> <li>• SubMenu_Alternate_Custom1: Custom keypad mapping1</li> <li>• SubMenu_AlternateN: Alternate Keypad Mapping(N)</li> <li>• SubMenu_AlternateS: Alternate Keypad Mapping(S)</li> <li>• SubMenu_AlternateX: Alternate Keypad Mapping (X)</li> <li>• SubMenuOpt1: Optional conversation1</li> <li>• SubMenu_AlternateI: Standard Conversation</li> </ul>
MessageLocatorSortOrde	*1: Last In, First Out <ul style="list-style-type: none"> <li>• 2: First In, First Out</li> </ul>



**Note** PromptVolume and PromptSpeed parameters must be of the same range given in the table.

## Cisco Unity Connection Provisioning Interface (CUPI) API -- Playback Message Settings

### Playback Message Settings

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<user-template-object-id>
```



## Edit Parameters

```
Request Body:
<UserTemplate>
  <Volume>50</Volume>
  <Speed>100</Speed>
  <SayTotalNew>true</SayTotalNew>
  <SayTotalNewVoice>true</SayTotalNewVoice>
  <SayTotalNewEmail>false</SayTotalNewEmail>
  <SayTotalNewFax>false</SayTotalNewFax>
  <SayTotalReceipts>false</SayTotalReceipts>
  <SayTotalSaved>true</SayTotalSaved>
  <SayTotalDraftMsg>false</SayTotalDraftMsg>
  <MessageTypeMenu>false</MessageTypeMenu>
  <NewMessageSortOrder>2</NewMessageSortOrder>
  <SaveMessageOnHangup>1</SaveMessageOnHangup>
  <DeletedMessageSortOrder>1</DeletedMessageSortOrder>
  <SaySender>true</SaySender>
  <SaySenderExtension>false</SaySenderExtension>
  <SayAni>true</SayAni>
  <SayMsgNumber>true</SayMsgNumber>
  <SayTimestampBefore>true</SayTimestampBefore>
  <AutoAdvanceMsgs>false</AutoAdvanceMsgs>
  <ConfirmDeleteMessage>true</ConfirmDeleteMessage>
</UserTemplate>
```

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** To sort the message type:

- for new message: <NewMessageSortOrder>2</NewMessageSortOrder>
- for saved message: <SaveMessageSortOrder>1</SaveMessageSortOrder>
- for deleted message: <DeletedMessageSortOrder>1</DeletedMessageSortOrder>

All the possible values for above three parameters are given in the table.

## Explanation of Data Fields

Parameter	Data Type	Operation	Description
Volume	Integer	Read/Write	<p>The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message. The range can vary from 0 to 100.</p> <p>Possible values:</p> <ul style="list-style-type: none"> <li>• 25: Low</li> <li>• 50: Medium</li> <li>• 100: High</li> </ul> <p>Default value: 50</p>

Parameter	Data Type	Operation	Description
Speed	Integer	ReadWrite	The audio speed system uses to play back messages to the subscriber. The range can vary from 0 to 200.  <ul style="list-style-type: none"> <li>• 50: Slow</li> <li>• 100: Normal</li> <li>• 150: Fast</li> <li>• 200: Fastest</li> </ul> Default value: 100
SaveMessageOnHangup	Boolean	ReadWrite	A flag indicating when hanging up while listening to a new message, whether the message is marked new again or is marked read.  Possible Values:  <ul style="list-style-type: none"> <li>• false: New</li> <li>• true: Saved</li> </ul> Default Value: false
NewMessageSortOrder	Integer	ReadWrite	The order in which Cisco Unity Connection will sort new messages.  Possible values:  <ul style="list-style-type: none"> <li>• 1: Newest First</li> <li>• 2: Oldest First</li> </ul> Default Value: 1
SavedMessageSortOrder	Integer	ReadWrite	The order in which Cisco Unity Connection will sort saved messages..  Possible values:  <ul style="list-style-type: none"> <li>• 1: Newest First</li> <li>• 2: Oldest First</li> </ul> Default Value: 2
DeletedMessageSortOrder	Integer	ReadWrite	The order in which Cisco Unity Connection presents deleted messages to the subscriber.  Possible values:  <ul style="list-style-type: none"> <li>• 1: Newest First</li> <li>• 2: Oldest First</li> </ul> Default Value: 2



**Note** Volume and Speed parameters must be of the same range given in the table.

# Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Post Greeting Recordings

## User Template Post Greeting Recordings

The following URI can be used to view the user template object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

From the above UR, get the call handler primary template object ID:

```
GET https://<connection-server>/vmrestvmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>
```

## Update Post Greeting Recording Settings

```
Request Body:  
<CallhandlerPrimaryTemplate>  
  <PlayPostGreetingRecording>1</PlayPostGreetingRecording>  
</CallhandlerPrimaryTemplate>
```

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

```
Response Code: 204
```

### JSON Example

To update post greeting recording settings, do the following:

```
Request URI:  
PUT https://<connection-server>/vmrest/callhandlerprimarytemplates/<ObjectId>  
Accept: application/json  
Content-type: application/json  
Connection: keep-alive  
Request Body:  
{  
  "PlayPostGreetingRecording": "1"  
}
```

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

```
Response Code: 204
```

## Explanation of Data Fields

Parameters	Values
PlayPostGreetingRecording	<ul style="list-style-type: none"> <li>• 0</li> <li>• 1</li> <li>• 2</li> </ul>
PostGreetingRecordingObjectId	Object Id of post greeting

## Cisco Unity Connection Provisioning Interface (CUPI) API -- Send Message Settings

## Cisco Unity Connection Provisioning Interface (CUPI) API -- User Template Transfer Rules

### Transfer Rules API

Administrator can use this API to create/update/delete/fetch the transfer rules. Various attributes of transfer rules can also be updated using this API. The following are the examples to access various types of transfer rules:

- To view call handler primary templates of a particular user template use the URI:

```
GET
https://<connection-server>/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>
```

- From call handler primary template use the URI to view transfer options:

```
vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions
```

- To view the alternate transfer rule use the URI:

```
GET
https://<connection-server>/vmrest/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Alternate
```

- To view closed transfer rule use the URI:

```
GET
https://<connection-server>/vmrest/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Off%20Hours
```

- To view standard transfer rule use the URI:

```
GET
https://<connection-server>/vmrest/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Standard
```

## Viewing the Alternate Transfer Rule

The following is an example of the GET request that lists the details of alternate transfer rule:

```
GET
https://<connection-server>/vmrest/vmrest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Alternate
```

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

```
<TransferOption>
<URI>/vmrest/callhandlerprimarytemplates/45e0a6f4-43c4-472a-8ffb-f6124aa549d0/transferoptions/Alternate</URI>
<CallHandlerObjectId>45e0a6f4-43c4-472a-8ffb-f6124aa549d0</CallHandlerObjectId>
<CallhandlerURI>/vmrest/callhandlerprimarytemplates/45e0a6f4-43c4-472a-8ffb-f6124aa549d0</CallhandlerURI>
<TransferOptionType>Alternate</TransferOptionType>
<Action>1</Action>
<RnaAction>1</RnaAction>
<TimeExpires>1972-01-01 00:00:00.0</TimeExpires>
<TransferAnnounce>>false</TransferAnnounce>
<TransferConfirm>>false</TransferConfirm>
<TransferDtDetect>>false</TransferDtDetect>
<TransferHoldingMode>0</TransferHoldingMode>
<TransferIntroduce>>false</TransferIntroduce>
<TransferRings>4</TransferRings>
<TransferScreening>>false</TransferScreening>
<TransferType>0</TransferType>
<MediaSwitchObjectId>221ee752-5147-4326-9990-d4a138674f9e</MediaSwitchObjectId>
<PhoneSystemURI>/vmrest/phonesystems/221ee752-5147-4326-9990-d4a138674f9e</PhoneSystemURI>
<UsePrimaryExtension>>true</UsePrimaryExtension>
<PlayTransferPrompt>>true</PlayTransferPrompt>
<PersonalCallTransfer>>false</PersonalCallTransfer>
<Enabled>>false</Enabled>
</TransferOption>
```

```
Response Code: 200
```

### JSON Example

To view the alternate transfer rule, do the following:

```
Request URI:  
GET  
https://<connection-server>/vmrest/callhandlerprimarytemplates/<callhandlerprimarytemplatesobjectid>/transferoptions  
Accept: application/json  
Content-type: application/json  
Connection: keep-alive
```

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

```

{
"@total": "3"
"TransferOption": [
{
"URI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078/transferoptions/Alternate"
"CallHandlerObjectId": "02dcae3e-2e7c-4997-a36e-0f5276281078"
"CallhandlerURI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078"
"TransferOptionType": "Alternate"
>Action": "1"
"RnaAction": "1"
"TransferAnnounce": "false"
"TransferConfirm": "false"
"TransferDtDetect": "false"
"TransferHoldingMode": "0"
"TransferIntroduce": "false"
"TransferRings": "4"
"TransferScreening": "false"
"TransferType": "0"
"MediaSwitchObjectId": "7c654c70-e76c-4e47-b8f6-fa92cec6755e"
"PhoneSystemURI": "/vmrest/phonesystems/7c654c70-e76c-4e47-b8f6-fa92cec6755e"
"UsePrimaryExtension": "true"
"PlayTransferPrompt": "true"
"PersonalCallTransfer": "false"
"Enabled": "true"
}
}
{
"URI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078/transferoptions/Off%20Hours"
"CallHandlerObjectId": "02dcae3e-2e7c-4997-a36e-0f5276281078"
"CallhandlerURI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078"
"TransferOptionType": "Off Hours"
>Action": "1"
"RnaAction": "1"
"TransferAnnounce": "false"
"TransferConfirm": "false"
"TransferDtDetect": "false"
"TransferHoldingMode": "0"
"TransferIntroduce": "false"
"TransferRings": "4"
"TransferScreening": "false"
"TransferType": "0"
"MediaSwitchObjectId": "7c654c70-e76c-4e47-b8f6-fa92cec6755e"
"PhoneSystemURI": "/vmrest/phonesystems/7c654c70-e76c-4e47-b8f6-fa92cec6755e"
"UsePrimaryExtension": "true"
"PlayTransferPrompt": "true"
"PersonalCallTransfer": "false"
"Enabled": "true"
}
}
{
"URI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078/transferoptions/Standard"
"CallHandlerObjectId": "02dcae3e-2e7c-4997-a36e-0f5276281078"
"CallhandlerURI": "/vmrest/callhandlerprimarytemplates/02dcae3e-2e7c-4997-a36e-0f5276281078"
"TransferOptionType": "Standard"
>Action": "1"
"RnaAction": "1"
"TransferAnnounce": "false"
"TransferConfirm": "false"
"TransferDtDetect": "false"
"TransferHoldingMode": "0"
"TransferIntroduce": "false"
"TransferRings": "4"
"TransferScreening": "false"
"TransferType": "0"
"MediaSwitchObjectId": "7c654c70-e76c-4e47-b8f6-fa92cec6755e"
"PhoneSystemURI": "/vmrest/phonesystems/7c654c70-e76c-4e47-b8f6-fa92cec6755e"
}
}

```

```

"UsePrimaryExtension":"true"
"PlayTransferPrompt":"true"
"PersonalCallTransfer":"false"
"Enabled":"true"
}
]
}

```

Response Code: 200

## Updating Transfer Option

The following is an example of the GET request that updates the transfer option:

```

GET
https://<connection-server>/v1rest/v1rest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Alternate

```

```

<TransferOption>
<Action>0</Action>
<TimeExpires>1972-01-01 00:00:00.0</TimeExpires>
<TransferAnnounce>false</TransferAnnounce>
<TransferConfirm>false</TransferConfirm>
<TransferHoldingMode>0</TransferHoldingMode>
<TransferIntroduce>false</TransferIntroduce>
<TransferRings>4</TransferRings>
<TransferScreening>false</TransferScreening>
<TransferType>0</TransferType>
</TransferOption>

```

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

### JSON Example

To update the transfer rule, do the following:

```

Request URI:
PUT
https://<connection-server>/v1rest/callhandlerprimarytemplates/<CallhandlerprimarytemplatesObjectId>/transferoptions/Alternate
Accept: application/json
Content-type: application/json
Connection: keep-alive
Request Body:
{
  "Action": "1",
  "TransferAnnounce": "false",
  "TransferConfirm": "false",
  "TransferHoldingMode": "0",
  "TransferIntroduce": "false",
  "TransferRings": "4",
  "TransferScreening": "false",
  "TransferType": "0"
}

```

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
```

Use the following code snippet to change action to "Enable with no end date":

```
<TransferOption>
<Enabled>true</Enabled>
<TimeExpires></TimeExpires>
</TransferOption>
```



**Note** Same way closed transfer rule can be edited and for standard transfer rule status cannot be updated.

## Explanation of Data Fields

Parameter	Data Type	Operations	Comments
TransferOptionType	String(64)	Read Only	The type of transfer option, e.g. "Standard," "Off Hours," or "Alternate."
Enabled	Boolean	Read/Write	To enable transfer rules. Possible values: <ul style="list-style-type: none"> <li>• true</li> <li>• false</li> </ul> Default value: false
TimeExpires	DateTime	Read/Write	The date and time when this transfer option expires. If the transfer rule is enabled, the value is NULL or a date in the future. If the transfer rule is disabled, the value is a past date.
Actions	Integer	Read/Write	A flag indicating whether Cisco Unity Connection transfers the call to the call handler greeting or attempts to transfer the call to an extension. Values can be: <ul style="list-style-type: none"> <li>• 0: Greeting</li> <li>• 1: Extension</li> </ul>
TransferType	Integer	Read/Write	The type of call transfer Cisco Unity Connection will perform - supervised or unsupervised (also referred to as "Release to Switch" transfer). Values: <ul style="list-style-type: none"> <li>• 0: Release to Switch</li> <li>• 1: Supervise Transfer</li> </ul>

Parameter	Data Type	Operations	Comments
TransferRings	Integer	Read/Write	<p>The number of times the extension rings before Cisco Unity Connection considers it a "ring no answer" and plays the subscriber or handler greeting.</p> <p>Applies only when the "TransferType" column is set to supervised (1). This value should never be less than 2 for a supervised transfer. Possible Values: 2-20 Default value: 4</p>
PlayTransferPrompt	Boolean	Read/Write	<p>Enables "Wait While I Transfer Your Call" Prompt.</p> <p>Values:</p> <ul style="list-style-type: none"> <li>• false: System will not play the "Wait while I transfer your call" prompt prior to transfer.</li> <li>• true: System will play the "Wait while I transfer your call" prompt prior to transfer.</li> </ul> <p>Default value: true</p>
TransferHoldingMode	Integer	Read/Write	<p>The action Cisco Unity Connection will take when the extension is busy.</p> <p>Applies only when the "TransferType" column is set to supervised (1). Values:</p> <ul style="list-style-type: none"> <li>• 0: Send callers to voicemail.</li> <li>• 1: Put callers on hold without asking.</li> <li>• 2: Ask callers to hold.</li> </ul>
TransferAnnounce	Boolean	Read/Write	<p>A flag indicating whether Cisco Unity Connection plays "transferring call" when the subscriber answers the phone.</p> <p>Requires a "TransferType" of supervised (1). Values:</p> <ul style="list-style-type: none"> <li>• false: Do not say "Transferring call" when the subscriber answers the phone</li> <li>• true: Say "Transferring call" when the subscriber answers the phone</li> </ul> <p>Default value: false</p>
TransferIntroduce	Boolean	Read/Write	<p>A flag indicating whether Cisco Unity Connection will say "call for &lt;recorded name of the call handler&gt;" when the subscriber answers the phone.</p> <p>Requires a "TransferType" of supervised (1). This functionality is normally used when a single extension number is being shared by multiple subscribers or a scenario where the subscriber who is the message recipient takes calls for more than one dialed extension. The introduction alerts the subscriber who answers that the call is for the call handler. Default value: false</p>

Parameter	Data Type	Operations	Comments
TransferConfirm	Boolean	ReadWrite	<p>A flag indicating whether Cisco Unity Connection prompts the subscriber to accept or refuse a call ("Press 1 to take the call or 2 and I'll take a message"). If the call is accepted, it is transferred to the subscriber phone. If the call is refused, Cisco Unity Connection plays the applicable subscriber greeting.</p> <p>Requires a "TransferType" of supervised (1). Typically this is used in conjunction with the call screening option ("TransferScreening" column) enabled. This combination enables the subscriber to hear the name of the caller and then decide if they want to take the call or not.</p> <p>Values:</p> <ul style="list-style-type: none"> <li>• false: Transfer confirm disabled</li> <li>• true: Transfer confirm enabled</li> </ul> <p>Default value: false</p>
TransferScreening	Boolean	ReadWrite	<p>Requires a "TransferType" of supervised (1).</p> <p>Normally this column is used along with "TransferConfirm" to allow the subscriber to screen calls. Values:</p> <ul style="list-style-type: none"> <li>• false: Call screening disabled</li> <li>• true: Ask and record caller name</li> </ul> <p>Default value: false</p>

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

## User Templates API

Administrator can use this API to create/update/delete/fetch the user template. Various attributes of user template can also be updated using this API.

### Listing the User Templates

The request can be used to fetch the list of all user templates. It can also be used to fetch the list of user templates based on specific partition object ID, COS object ID, mailbox store object ID, phone system, call handler object ID.

```
GET https://<connection-server>/vmrest/usertemplates
```

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

```

<UserTemplates total="1">
  <UserTemplate>
    <URI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-2b13f76bf631</URI>
    <ObjectId>c2056af2-bed7-4a0d-9039-2b13f76bf631</ObjectId>
    <TenantObjectId>fe6541fb-b42c-44f2-8404-ded14cbf7438</TenantObjectId>
    <UseDefaultLanguage>true</UseDefaultLanguage>
    <UseDefaultTimeZone>true</UseDefaultTimeZone>
    <Alias>Texoma_User_Template1</Alias>
    <City/>
    <State/>
    <Country>US</Country>
    <PostalCode/>
    <Manager/>
    <Building/>
    <Address/>
    <DisplayName>Texoma_User_Template1</DisplayName>
    <BillingId/>
    <TimeZone>190</TimeZone>
    <CreationTime>2012-12-26 13:04:28.9</CreationTime>
    <CosObjectId>0ef61610-a729-4b0d-9476-cab095028db3</CosObjectId>
    <CosURI>/vmrest/coses/0ef61610-a729-4b0d-9476-cab095028db3</CosURI>
    <Language>1033</Language>
    <LocationObjectId>27a67e01-bcb4-4012-8b1b-f0a08b736087</LocationObjectId>
    <LocationURI>/vmrest/locations/connectionlocations/27a67e01-bcb4-4012-8b1b-f0a08b736087</LocationURI>
    <AddressMode>0</AddressMode>
    <ClockMode>0</ClockMode>
    <ConversationTui>SubMenu</ConversationTui>
    <GreetByName>true</GreetByName>
    <ListInDirectory>true</ListInDirectory>
    <IsVmEnrolled>true</IsVmEnrolled>
    <SayCopiedNames>true</SayCopiedNames>
    <SayDistributionList>true</SayDistributionList>
    <SayMsgNumber>true</SayMsgNumber>
    <SaySender>true</SaySender>
    <SayTimestampAfter>true</SayTimestampAfter>
    <SayTimestampBefore>>false</SayTimestampBefore>
    <SayTotalNew>>false</SayTotalNew>
    <SayTotalNewEmail>>false</SayTotalNewEmail>
    <SayTotalNewFax>>false</SayTotalNewFax>
    <SayTotalNewVoice>true</SayTotalNewVoice>
    <SayTotalReceipts>>false</SayTotalReceipts>
    <SayTotalSaved>true</SayTotalSaved>
    <Speed>100</Speed>
    <MediaSwitchObjectId>b6df8cb3-b3ce-4797-84f3-5559049df8e8</MediaSwitchObjectId>
    <PhoneSystemURI>/vmrest/phonesystems/b6df8cb3-b3ce-4797-84f3-5559049df8e8</PhoneSystemURI>
    <Undeletable>>false</Undeletable>
    <UseBriefPrompts>>false</UseBriefPrompts>
    <Volume>50</Volume>
    <EnAltGreetDontRingPhone>>false</EnAltGreetDontRingPhone>
    <EnAltGreetPreventSkip>>false</EnAltGreetPreventSkip>
    <EnAltGreetPreventMsg>>false</EnAltGreetPreventMsg>
    <EncryptPrivateMessages>>false</EncryptPrivateMessages>
    <DeletedMessageSortOrder>2</DeletedMessageSortOrder>
    <SayAltGreetWarning>>false</SayAltGreetWarning>
    <SaySenderExtension>>false</SaySenderExtension>
    <SayAni>>false</SayAni>
    <ExitCallActionObjectId>0463e49b-cde4-4c30-877c-acfe25966a42</ExitCallActionObjectId>

    <CallAnswerTimeout>4</CallAnswerTimeout>
    <CallHandlerObjectId>83c9b890-6659-4c0f-8be6-8a1a85efee7e</CallHandlerObjectId>

  <CallhandlerURI>/vmrest/callhandlerprimarytemplates/83c9b890-6659-4c0f-8be6-8a1a85efee7e</CallhandlerURI>

```

```

<DisplayNameRule>1</DisplayNameRule>
<DoesntExpire>>false</DoesntExpire>
<CantChange>>false</CantChange>
<MailboxStoreObjectId>e983490d-78a5-45aa-b9a0-31f51460a5bd</MailboxStoreObjectId>
<SavedMessageStackOrder>1234567</SavedMessageStackOrder>
<NewMessageStackOrder>1234567</NewMessageStackOrder>
<MessageLocatorSortOrder>1</MessageLocatorSortOrder>
<SavedMessageSortOrder>2</SavedMessageSortOrder>
<NewMessageSortOrder>1</NewMessageSortOrder>
<MessageTypeMenu>>false</MessageTypeMenu>
<EnablePersonalRules>>true</EnablePersonalRules>
<RecordUnknownCallerName>>true</RecordUnknownCallerName>
<RingPrimaryPhoneFirst>>false</RingPrimaryPhoneFirst>
<PromptSpeed>100</PromptSpeed>
<ExitAction>2</ExitAction>
<ExitTargetConversation>PHGreeting</ExitTargetConversation>
<ExitTargetHandlerObjectId>063956f9-c5ca-4e8b-be67-ff945a8a5d99</ExitTargetHandlerObjectId>
<RepeatMenu>1</RepeatMenu>
<FirstDigitTimeout>5000</FirstDigitTimeout>
<InterdigitDelay>3000</InterdigitDelay>
<PromptVolume>50</PromptVolume>
<DelayAfterGreeting>0</DelayAfterGreeting>
<AddressAfterRecord>>false</AddressAfterRecord>
<ConfirmDeleteMessage>>false</ConfirmDeleteMessage>
<ConfirmDeleteDeletedMessage>>false</ConfirmDeleteDeletedMessage>
<ConfirmDeleteMultipleMessages>>true</ConfirmDeleteMultipleMessages>
<IsClockMode24Hour>>false</IsClockMode24Hour>
<RouteNDRToSender>>true</RouteNDRToSender>
<NotificationType>0</NotificationType>
<SendReadReceipts>1</SendReadReceipts>
<ReceiveQuota>-2</ReceiveQuota>
<SendQuota>-2</SendQuota>
<WarningQuota>-2</WarningQuota>
<IsSetForVmEnrollment>>true</IsSetForVmEnrollment>
<VoiceNameRequired>>false</VoiceNameRequired>
<SendBroadcastMsg>>false</SendBroadcastMsg>
<UpdateBroadcastMsg>>false</UpdateBroadcastMsg>
<ConversationVui>VuiStart</ConversationVui>
<SpeechCompleteTimeout>0</SpeechCompleteTimeout>
<SpeechIncompleteTimeout>750</SpeechIncompleteTimeout>
<UseVui>>false</UseVui>
<SkipPasswordForKnownDevice>>false</SkipPasswordForKnownDevice>
<JumpToMessagesOnLogin>>true</JumpToMessagesOnLogin>
<EnableMessageLocator>>false</EnableMessageLocator>
<MessageAgingPolicyObjectId>6780a194-6efd-4311-819f-494a082bb093</MessageAgingPolicyObjectId>
<MessageAgingPolicyURI>/vmrest/messageagingpolicies/6780a194-6efd-4311-819f-494a082bb093</MessageAgingPolicyURI>
<AssistantRowsPerPage>5</AssistantRowsPerPage>
<InboxMessagesPerPage>20</InboxMessagesPerPage>
<InboxAutoRefresh>15</InboxAutoRefresh>
<InboxAutoResolveMessageRecipients>>true</InboxAutoResolveMessageRecipients>
<PcaAddressBookRowsPerPage>5</PcaAddressBookRowsPerPage>
<ReadOnly>>false</ReadOnly>
<EnableTts>>true</EnableTts>
<ConfirmationConfidenceThreshold>60</ConfirmationConfidenceThreshold>
<AnnounceUpcomingMeetings>60</AnnounceUpcomingMeetings>
<SpeechConfidenceThreshold>40</SpeechConfidenceThreshold>
<SpeechSpeedVsAccuracy>50</SpeechSpeedVsAccuracy>
<SpeechSensitivity>50</SpeechSensitivity>
<EnableVisualMessageLocator>>false</EnableVisualMessageLocator>
<ContinuousAddMode>>false</ContinuousAddMode>

```

```

<NameConfirmation>>false</NameConfirmation>
<CommandDigitTimeout>1500</CommandDigitTimeout>
<SaveMessageOnHangup>>false</SaveMessageOnHangup>
<SendMessageOnHangup>1</SendMessageOnHangup>
<SkipForwardTime>5000</SkipForwardTime>
<SkipReverseTime>5000</SkipReverseTime>
<UseShortPollForCache>>false</UseShortPollForCache>
<SearchByExtensionSearchSpaceObjectId>2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByExtensionSearchSpaceObjectId>
<SearchByExtensionSearchSpaceURI>/vmrest/searchspaces/2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByExtensionSearchSpaceURI>
<SearchByNameSearchSpaceObjectId>2e0da21b-54e4-4b51-9f09-960049a5e806</SearchByNameSearchSpaceObjectId>
<SearchByNameSearchSpaceURI>/vmrest/searchspaces/2e0da21b-54e4-4b51-9f09-960049a5e806</SearchByNameSearchSpaceURI>

  <PartitionObjectId>c6ff147e-c32c-4ade-8f12-46427c795c21</PartitionObjectId>
  <PartitionURI>/vmrest/partitions/c6ff147e-c32c-4ade-8f12-46427c795c21</PartitionURI>
  <UseDynamicNameSearchWeight>>false</UseDynamicNameSearchWeight>
  <LdapType>0</LdapType>
  <EnableMessageBookmark>>false</EnableMessageBookmark>
  <SayTotalDraftMsg>>false</SayTotalDraftMsg>
  <EnableSaveDraft>>false</EnableSaveDraft>
  <RetainUrgentMessageFlag>>false</RetainUrgentMessageFlag>
  <SayMessageLength>>false</SayMessageLength>
  <CreateSmtProxyFromCorp>>false</CreateSmtProxyFromCorp>
  <AutoAdvanceMsgs>>false</AutoAdvanceMsgs>
  <SaySenderAfter>>false</SaySenderAfter>
  <SaySenderExtensionAfter>>false</SaySenderExtensionAfter>
  <SayMsgNumberAfter>>false</SayMsgNumberAfter>
  <SayAniAfter>>false</SayAniAfter>
  <SayMessageLengthAfter>>false</SayMessageLengthAfter>
  <UserTemplateRolesURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/usertemplateroles</UserTemplateRolesURI>
<UserTemplateNotificationDevicesURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-2b13f76bf631/usertemplatenotificationdevices</UserTemplateNotificationDevicesURI>
<UserTemplateExternalServiceAccountsURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-2b13f76bf631/user-template-external-service-accounts</UserTemplateExternalServiceAccountsURI>
<UserTemplateWebPasswordURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-2b13f76bf631/credential/password</UserTemplateWebPasswordURI>
  <UserTemplateVoicePinURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/credential/pin</UserTemplateVoicePinURI>
  <UserTemplateMessageActionURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/usertemplatemessageactions</UserTemplateMessageActionURI>
</UserTemplate>
</UserTemplates>

```

Response Code: 200

### JSON Example

To view the list of user templates, do the following:

```

Request URI:
GET https://<connection-server>/vmrest/usertemplates
Accept: application/json
Content_type: application/json
Connection: keep_alive

```

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

```

{
  "@total": "1"
  "UserTemplate": \[
  {
    "URI": "/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-95f8e18a655c"
    "ObjectId": "6164ac2d-e8ec-441a-93a0-95f8e18a655c"
    "TenantObjectId": "fe6541fb-b42c-44f2-8404-ded14cbf7438"
    "UseDefaultLanguage": "true"
    "UseDefaultTimeZone": "true"
    "Alias": "voicemailusertemplate"
    "DisplayName": "Voice Mail User Template"
    "TimeZone": "190"
    "CreationTime": "2013-02-25T09:39:25Z"
    "CosObjectId": "0b59d616-6434-443a-95aa-00b9d7315d54"
    "CosURI": "/vmrest/coses/0b59d616-6434-443a-95aa-00b9d7315d54"
    "Language": "1033"
    "LocationObjectId": "cff1347e-87af-4409-bead-d1970625f82e"

"LocationURI": "/vmrest/locations/connectionlocations/cff1347e-87af-4409-bead-d1970625f82e"

    "AddressMode": "0"
    "ClockMode": "0"
    "ConversationTui": "SubMenu"
    "GreetByName": "true"
    "ListInDirectory": "true"
    "IsVmEnrolled": "true"
    "SayCopiedNames": "true"
    "SayDistributionList": "true"
    "SayMsgNumber": "true"
    "SaySender": "true"
    "SayTimestampAfter": "true"
    "SayTimestampBefore": "false"
    "SayTotalNew": "false"
    "SayTotalNewEmail": "false"
    "SayTotalNewFax": "false"
    "SayTotalNewVoice": "true"
    "SayTotalReceipts": "false"
    "SayTotalSaved": "true"
    "Speed": "100"
    "MediaSwitchObjectId": "0ad0b88c-4a70-4cf7-913e-d5d7a921caca"
    "PhoneSystemURI": "/vmrest/phonesystems/0ad0b88c-4a70-4cf7-913e-d5d7a921caca"
    "Undeletable": "true"
    "UseBriefPrompts": "false"
    "Volume": "50"
    "EnAltGreetDontRingPhone": "false"
    "EnAltGreetPreventSkip": "false"
    "EnAltGreetPreventMsg": "false"
    "EncryptPrivateMessages": "false"
    "DeletedMessageSortOrder": "2"
    "SayAltGreetWarning": "false"
    "SaySenderExtension": "false"
    "SayAni": "false"
    "ExitCallActionObjectId": "38f2eab0-a78c-49a2-8aee-ff562844d5db"
    "CallAnswerTimeout": "4"
    "CallHandlerObjectId": "6bcd837d-f1cf-43c2-b199-85b457858a16"
    "CallhandlerURI": "/vmrest/callhandlerprimarytemplates/6bcd837d-f1cf-43c2-b199-85b457858a16"
    "DisplayNameRule": "1"
    "DoesntExpire": "false"
    "CantChange": "false"
    "MailboxStoreObjectId": "02089c75-e8a2-4724-a570-9bed7768e716"
    "SavedMessageStackOrder": "1234567"
    "NewMessageStackOrder": "1234567"
    "MessageLocatorSortOrder": "1"
  }
}

```



```

"SavedMessageSortOrder": "2"
"NewMessageSortOrder": "1"
"MessageTypeMenu": "false"
"EnablePersonalRules": "true"
"RecordUnknownCallerName": "true"
"RingPrimaryPhoneFirst": "false"
"PromptSpeed": "100"
"ExitAction": "2"
"ExitTargetConversation": "PHGreeting"
"ExitTargetHandlerObjectId": "1e0bc010-d9aa-4e1a-b001-a1b40f028d4f"
"RepeatMenu": "1"
"FirstDigitTimeout": "5000"
"InterdigitDelay": "3000"
"PromptVolume": "50"
"DelayAfterGreeting": "0"
"AddressAfterRecord": "false"
"ConfirmDeleteMessage": "false"
"ConfirmDeleteDeletedMessage": "false"
"ConfirmDeleteMultipleMessages": "true"
"IsClockMode24Hour": "false"
"RouteNDRToSender": "true"
"NotificationType": "0"
"SendReadReceipts": "1"
"ReceiveQuota": "-2"
"SendQuota": "-2"
"WarningQuota": "-2"
"IsSetForVmEnrollment": "true"
"VoiceNameRequired": "false"
"SendBroadcastMsg": "false"
"UpdateBroadcastMsg": "false"
"ConversationVui": "VuiStart"
"SpeechCompleteTimeout": "0"
"SpeechIncompleteTimeout": "750"
"UseVui": "false"
"SkipPasswordForKnownDevice": "false"
"JumpToMessagesOnLogin": "true"
"EnableMessageLocator": "false"
"MessageAgingPolicyObjectId": "adac77f4-8a77-430d-8836-0fc9aef3fef5"
"MessageAgingPolicyURI": "/vmrest/messageagingpolicies/adac77f4-8a77-430d-8836-0fc9aef3fef5"

"AssistantRowsPerPage": "5"
"InboxMessagesPerPage": "20"
"InboxAutoRefresh": "15"
"InboxAutoResolveMessageRecipients": "true"
"PcaAddressBookRowsPerPage": "5"
"ReadOnly": "false"
"EnableTts": "true"
"ConfirmationConfidenceThreshold": "60"
"AnnounceUpcomingMeetings": "60"
"SpeechConfidenceThreshold": "40"
"SpeechSpeedVsAccuracy": "50"
"SpeechSensitivity": "50"
"EnableVisualMessageLocator": "false"
"ContinuousAddMode": "false"
"NameConfirmation": "false"
"CommandDigitTimeout": "1500"
"SaveMessageOnHangup": "false"
"SendMessageOnHangup": "1"
"SkipForwardTime": "5000"
"SkipReverseTime": "5000"
"UseShortPollForCache": "false"
"SearchByExtensionSearchSpaceObjectId": "2e836e16-f715-4a18-bb7c-

```

## Listing Specific Tenant Related User Templates by System Administrator

```

ee5e33281706"
"SearchByExtensionSearchSpaceURI":"/vmrest/searchspaces/2e836e16-f715-4a18-bb7c-
ee5e33281706"
"SearchByNameSearchSpaceObjectId":"2e836e16-f715-4a18-bb7c-ee5e33281706"
"SearchByNameSearchSpaceURI":"/vmrest/searchspaces/2e836e16-f715-4a18-bb7c-
ee5e33281706"
"PartitionObjectId":"97bf6afe-346e-4275-967e-43c50be79d32"
"PartitionURI":"/vmrest/partitions/97bf6afe-346e-4275-967e-43c50be79d32"
"UseDynamicNameSearchWeight":"false"
"LdapType":"0"
"EnableMessageBookmark":"false"
"SayTotalDraftMsg":"false"
"EnableSaveDraft":"false"
"RetainUrgentMessageFlag":"false"
"SayMessageLength":"false"
"CreateSmtProxyFromCorp":"false"
"AutoAdvanceMsgs":"false"
"SaySenderAfter":"false"
"SaySenderExtensionAfter":"false"
"SayMsgNumberAfter":"false"
"SayAniAfter":"false"
"SayMessageLengthAfter":"false"
"UserTemplateRolesURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/usertemplateroles"
"UserTemplateNotificationDevicesURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/usertemplatenotificationdevices"
"TemplateExternalServiceAccountsURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/templateexternalserviceaccounts"
"UserTemplateWebPasswordURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/credential/password"
"UserTemplateVoicePinURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/credential/pin"
"UserTemplateMessageActionURI":"/vmrest/usertemplates/6164ac2d-e8ec-441a-93a0-
95f8e18a655c/usertemplatemessageactions"
}
\}
}

```

Response Code: 200

## Listing Specific Tenant Related User Templates by System Administrator

In Cisco Unity Connection 10.5(2) and later, the system administrator can use TenantObjectID to list the specific tenant related user templates using the following URI:

```
GET https://<connection-server>/vmrest/usertemplates?query=(TenantObjectId is
<Tenant-ObjectId>)
```

To get the TenantObjectID, use the following URI:

```
GET https://<connection-server>/vmrest/tenants
```

## Viewing the Details of Specific User Template

The following is an example of the GET request that lists the details of specific user template represented by the provided value of object ID:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectId>
```

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

```

<UserTemplate>
  <URI> /vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781 </URI>
  <ObjectId>c8af2544-2bc9-44fa-b713-e80f306cf781</ObjectId>
  <UseDefaultLanguage>true</UseDefaultLanguage>
  <UseDefaultTimeZone>true</UseDefaultTimeZone>
  <Alias>NewCiscoTemplate2</Alias>
  <City/>
  <State/>
  <Country>US</Country>
  <PostalCode/>
  <Department/>
  <Manager/>
  <Building/>
  <Address/>
  <DisplayName>testmonica</DisplayName>
  <BillingId/>
  <TimeZone>190</TimeZone>
  <CreationTime>2012-06-26 05:02:22.05</CreationTime>
  <CosObjectId>7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosObjectId>
  <CosURI>/vmrest/coses/7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosURI>
  <Language>1033</Language>
  <LocationObjectId>6d4ff2e5-3f26-4a19-b2fa-beca79b4c5e9 </LocationObjectId>
  <LocationURI>/vmrest/locations/connectionlocations/6d4ff2e5-3f26-4a19-b2fa-
  beca79b4c5e9</LocationURI>
  <AddressMode>0</AddressMode>
  <ClockMode>0</ClockMode>
  <ConversationTui>SubMenu</ConversationTui>
  <GreetByName>true</GreetByName>
  <ListInDirectory>true</ListInDirectory>
  <IsVmEnrolled>true</IsVmEnrolled>
  <SayCopiedNames>true</SayCopiedNames>
  <SayDistributionList>true</SayDistributionList>
  <SayMsgNumber>true</SayMsgNumber>
  <SaySender>true</SaySender>
  <SayTimestampAfter>true</SayTimestampAfter>
  <SayTimestampBefore>>false</SayTimestampBefore>
  <SayTotalNew>>false</SayTotalNew>
  <SayTotalNewEmail>>false</SayTotalNewEmail>
  <SayTotalNewFax>>false</SayTotalNewFax>
  <SayTotalNewVoice>true</SayTotalNewVoice>
  <SayTotalReceipts>>false</SayTotalReceipts>
  <SayTotalSaved>true</SayTotalSaved>
  <Speed>100</Speed>
  <MediaSwitchObjectId>1fb12b1c-cf14-4634-b73d-9b9c58ecdf68</MediaSwitchObjectId>
  <PhoneSystemURI>/vmrest/phonesystems/1fb12b1c-cf14-4634-b73d-
  9b9c58ecdf68</PhoneSystemURI>
  <Undeletable>>false</Undeletable>
  <UseBriefPrompts>>false</UseBriefPrompts>
  <Volume>50</Volume>
  <EnAltGreetDontRingPhone>>false</EnAltGreetDontRingPhone>
  <EnAltGreetPreventSkip>>false</EnAltGreetPreventSkip>
  <EnAltGreetPreventMsg>>false</EnAltGreetPreventMsg>
  <EncryptPrivateMessages>>false</EncryptPrivateMessages>
  <DeletedMessageSortOrder>2</DeletedMessageSortOrder>
  <SayAltGreetWarning>>false</SayAltGreetWarning>
  <SaySenderExtension>>false</SaySenderExtension>
  <SayAni>>false</SayAni>
  <ExitCallActionObjectId>27cbb3a8-f040-4ee9-9686-620c43e3d725</ExitCallActionObjectId>
  <CallAnswerTimeout>4</CallAnswerTimeout>
  <CallHandlerObjectId>9a5ac35a-0df8-4ebb-8e19-77f936dfd263</CallHandlerObjectId>
  <CallhandlerURI>/vmrest/callhandlerprimarytemplates/9a5ac35a-0df8-4ebb-8e19-
  77f936dfd263</CallhandlerURI>
  <DisplayNameRule>1</DisplayNameRule>
  <DoesntExpire>>false</DoesntExpire>

```

```

<CantChange>>false</CantChange>
<MailboxStoreObjectId>cfc43112-601b-4764-ba92-b0220e9d7f23</MailboxStoreObjectId>
<SavedMessageStackOrder>1234567</SavedMessageStackOrder>
<NewMessageStackOrder>1234567</NewMessageStackOrder>
<MessageLocatorSortOrder>1</MessageLocatorSortOrder>
<SavedMessageSortOrder>2</SavedMessageSortOrder>
<NewMessageSortOrder>1</NewMessageSortOrder>
<MessageTypeMenu>>false</MessageTypeMenu>
<EnablePersonalRules>>true</EnablePersonalRules>
<RecordUnknownCallerName>>true</RecordUnknownCallerName>
<RingPrimaryPhoneFirst>>false</RingPrimaryPhoneFirst>
<PromptSpeed>100</PromptSpeed>
<ExitAction>2</ExitAction>
<ExitTargetConversation>PHTransfer</ExitTargetConversation>
<ExitTargetHandlerObjectId>7ae69f21-1c99-4cc1-96c3-a1bbellfd4ca</ExitTargetHandlerObjectId>

<RepeatMenu>1</RepeatMenu>
<FirstDigitTimeout>5000</FirstDigitTimeout>
<InterdigitDelay>3000</InterdigitDelay>
<PromptVolume>50</PromptVolume>
<AddressAfterRecord>>false</AddressAfterRecord>
<ConfirmDeleteMessage>>false</ConfirmDeleteMessage>
<ConfirmDeleteDeletedMessage>>false</ConfirmDeleteDeletedMessage>
<ConfirmDeleteMultipleMessages>>true</ConfirmDeleteMultipleMessages>
<IsClockMode24Hour>>false</IsClockMode24Hour>
<RouteNDRToSender>>true</RouteNDRToSender>
<NotificationType>0</NotificationType>
<SendReadReceipts>0</SendReadReceipts>
<ReceiveQuota>-1</ReceiveQuota>
<SendQuota>-1</SendQuota>
<WarningQuota>-1</WarningQuota>
<IsSetForVmEnrollment>>true</IsSetForVmEnrollment>
<VoiceNameRequired>>false</VoiceNameRequired>
<SendBroadcastMsg>>true</SendBroadcastMsg>
<UpdateBroadcastMsg>>false</UpdateBroadcastMsg>
<ConversationVui>VuiStart</ConversationVui>
<SpeechCompleteTimeout>0</SpeechCompleteTimeout>
<SpeechIncompleteTimeout>750</SpeechIncompleteTimeout>
<UseVui>>false</UseVui>
<SkipPasswordForKnownDevice>>false</SkipPasswordForKnownDevice>
<JumpToMessagesOnLogin>>true</JumpToMessagesOnLogin>
<EnableMessageLocator>>false</EnableMessageLocator>
<MessageAgingPolicyObjectId>2e02eca6-270b-4b7f-a153-f03ea74d403d</MessageAgingPolicyObjectId>
<MessageAgingPolicyURI>/vmrest/messageagingpolicies/2e02eca6-270b-4b7f-a153-f03ea74d403d</MessageAgingPolicyURI>
<AssistantRowsPerPage>5</AssistantRowsPerPage>
<InboxMessagesPerPage>20</InboxMessagesPerPage>
<InboxAutoRefresh>15</InboxAutoRefresh>
<InboxAutoResolveMessageRecipients>>true</InboxAutoResolveMessageRecipients>
<PcaAddressBookRowsPerPage>5</PcaAddressBookRowsPerPage>
<ReadOnly>>false</ReadOnly>
<EnableTts>>true</EnableTts>
<ConfirmationConfidenceThreshold>60</ConfirmationConfidenceThreshold>
<AnnounceUpcomingMeetings>60</AnnounceUpcomingMeetings>
<SpeechConfidenceThreshold>40</SpeechConfidenceThreshold>
<SpeechSpeedVsAccuracy>50</SpeechSpeedVsAccuracy>
<SpeechSensitivity>50</SpeechSensitivity>
<EnableVisualMessageLocator>>false</EnableVisualMessageLocator>
<ContinuousAddMode>>false</ContinuousAddMode>
<NameConfirmation>>false</NameConfirmation>
<CommandDigitTimeout>1500</CommandDigitTimeout>
<SaveMessageOnHangup>>false</SaveMessageOnHangup>

```

```

<SendMessageOnHangup>1</SendMessageOnHangup>
<SkipForwardTime>5000</SkipForwardTime>
<SkipReverseTime>5000</SkipReverseTime>
<UseShortPollForCache>false</UseShortPollForCache>
<SearchByExtensionSearchSpaceObjectId>25e2e004-c194-4593-9961-
bdcaf5dd7189</SearchByExtensionSearchSpaceObjectId>
<SearchByExtensionSearchSpaceURI>/vmrest/searchspaces/25e2e004-c194-4593-9961-
bdcaf5dd7189</SearchByExtensionSearchSpaceURI>
<SearchByNameSearchSpaceObjectId>25e2e004-c194-4593-9961-
bdcaf5dd7189</SearchByNameSearchSpaceObjectId>
<SearchByNameSearchSpaceURI>/vmrest/searchspaces/25e2e004-c194-4593-9961-
bdcaf5dd7189</SearchByNameSearchSpaceURI>
<PartitionObjectId>12101df7-ecd2-4a48-b5b9-9a96b5f85a25</PartitionObjectId>
<PartitionURI>/vmrest/partitions/12101df7-ecd2-4a48-b5b9-9a96b5f85a25</PartitionURI>
<UseDynamicNameSearchWeight>false</UseDynamicNameSearchWeight>
<LdapType>0</LdapType>
<EnableMessageBookmark>false</EnableMessageBookmark>
<SayTotalDraftMsg>false</SayTotalDraftMsg>
<EnableSaveDraft>false</EnableSaveDraft>
<RetainUrgentMessageFlag>false</RetainUrgentMessageFlag>
<SayMessageLength>false</SayMessageLength>
<CreateSmtProxyFromCorp>false</CreateSmtProxyFromCorp>
<AutoAdvanceMsgs>false</AutoAdvanceMsgs>
<SaySenderAfter>false</SaySenderAfter>
<SaySenderExtensionAfter>false</SaySenderExtensionAfter>
<SayMsgNumberAfter>false</SayMsgNumberAfter>
<SayAniAfter>false</SayAniAfter>
<SayMessageLengthAfter>false</SayMessageLengthAfter>
<UserTemplateRolesURI>/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-
e80f306cf781/usertemplateroles</UserTemplateRolesURI>
<UserTemplateNotificationDevicesURI>/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-
e80f306cf781/usertemplatenotificationdevices</UserTemplateNotificationDevicesURI>
<UserTemplateWebPasswordURI>/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-
e80f306cf781/credential/password</UserTemplateWebPasswordURI>
<UserTemplateVoicePinURI>/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-
e80f306cf781/credential/pin</UserTemplateVoicePinURI>
<UserTemplateMessageActionURI>/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-
e80f306cf781/usertemplatemessageactions</UserTemplateMessageActionURI>
</UserTemplate>

```

Response Code: 200

### JSON Example

To view the particular user template, do the following:

```

Request URI:
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectId>
Accept: application/json
Content_type: application/json
Connection: keep_alive

```

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

```

{
  "URI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d"
  "ObjectId":"a46d269a-6614-485b-8649-099afef0604d"
  "UseDefaultLanguage":"true"
  "UseDefaultTimeZone":"true"
  "Alias":"voicemailusertemplate"
  "DisplayName":"Voice Mail User Template"
  "TimeZone":"190"
  "CreationTime":"2013-02-21T11:39:11Z"
  "CosObjectId":"c93854b3-c59f-44e7-a6a9-0a6e17578672"
  "CosURI":"/vmrest/coses/c93854b3-c59f-44e7-a6a9-0a6e17578672"
  "Language":"1033"
  "LocationObjectId":"830e1a2d-8e90-459f-88f7-700497ba975c"
  "LocationURI":"/vmrest/locations/connectionlocations/830e1a2d-8e90-459f-88f7-700497ba975c"
  "AddressMode":"0"
  "ClockMode":"0"
  "ConversationTui":"SubMenu"
  "GreetByName":"true"
  "ListInDirectory":"true"
  "IsVmEnrolled":"true"
  "SayCopiedNames":"true"
  "SayDistributionList":"true"
  "SayMsgNumber":"true"
  "SaySender":"true"
  "SayTimestampAfter":"true"
  "SayTimestampBefore":"false"
  "SayTotalNew":"false"
  "SayTotalNewEmail":"false"
  "SayTotalNewFax":"false"
  "SayTotalNewVoice":"true"
  "SayTotalReceipts":"false"
  "SayTotalSaved":"true"
  "Speed":"100"
  "MediaSwitchObjectId":"caf093ef-5e7b-47dd-9db7-9df360d2923e"
  "PhoneSystemURI":"/vmrest/phonesystems/caf093ef-5e7b-47dd-9db7-9df360d2923e"
  "Undeletable":"true"
  "UseBriefPrompts":"false"
  "Volume":"50"
  "EnAltGreetDontRingPhone":"false"
  "EnAltGreetPreventSkip":"false"
  "EnAltGreetPreventMsg":"false"
  "EncryptPrivateMessages":"false"
  "DeletedMessageSortOrder":"2"
  "SayAltGreetWarning":"false"
  "SaySenderExtension":"false"
  "SayAni":"false"
  "ExitCallActionObjectId":"ecc8570c-c0da-493e-a520-b125529cfee1"
  "CallAnswerTimeout":"4"
  "CallHandlerObjectId":"f4f87905-c20a-4df3-b20e-446c1798df19"
  "CallhandlerURI":"/vmrest/callhandlerprimarytemplates/f4f87905-c20a-4df3-b20e-446c1798df19"
  "DisplayNameRule":"1"
  "DoesntExpire":"false"
  "CantChange":"false"
  "MailboxStoreObjectId":"90e5847b-3a87-4c92-a753-eda6ea0fdb4c"
  "SavedMessageStackOrder":"1234567"
  "NewMessageStackOrder":"1234567"
  "MessageLocatorSortOrder":"1"
  "SavedMessageSortOrder":"2"
  "NewMessageSortOrder":"1"
  "MessageTypeMenu":"false"
  "EnablePersonalRules":"true"
  "RecordUnknownCallerName":"true"

```

## Viewing the Details of Specific User Template

```

"RingPrimaryPhoneFirst": "false"
"PromptSpeed": "100"
"ExitAction": "2"
"ExitTargetConversation": "PHGreeting"
"ExitTargetHandlerObjectId": "d085ebc6-99ac-46a5-92f3-d26f52701585"
"RepeatMenu": "1"
"FirstDigitTimeout": "5000"
"InterdigitDelay": "3000"
"PromptVolume": "50"
"AddressAfterRecord": "false"
"ConfirmDeleteMessage": "false"
"ConfirmDeleteDeletedMessage": "false"
"ConfirmDeleteMultipleMessages": "true"
"IsClockMode24Hour": "false"
"RouteNDRToSender": "true"
"NotificationType": "0"
"SendReadReceipts": "1"
"ReceiveQuota": "-2"
"SendQuota": "-2"
"WarningQuota": "-2"
"IsSetForVmEnrollment": "true"
"VoiceNameRequired": "false"
"SendBroadcastMsg": "false"
"UpdateBroadcastMsg": "false"
"ConversationVui": "VuiStart"
"SpeechCompleteTimeout": "0"
"SpeechIncompleteTimeout": "750"
"UseVui": "false"
"SkipPasswordForKnownDevice": "false"
"JumpToMessagesOnLogin": "true"
"EnableMessageLocator": "false"
"MessageAgingPolicyObjectId": "12b765a8-a67b-47f6-8ede-3e02aea9f4fe"
"MessageAgingPolicyURI": "/vmrest/messageagingpolicies/12b765a8-a67b-47f6-8ede-3e02aea9f4fe"
"AssistantRowsPerPage": "5"
"InboxMessagesPerPage": "20"
"InboxAutoRefresh": "15"
"InboxAutoResolveMessageRecipients": "true"
"PcaAddressBookRowsPerPage": "5"
"ReadOnly": "false"
"EnableTts": "true"
"ConfirmationConfidenceThreshold": "60"
"AnnounceUpcomingMeetings": "60"
"SpeechConfidenceThreshold": "40"
"SpeechSpeedVsAccuracy": "50"
"SpeechSensitivity": "50"
"EnableVisualMessageLocator": "false"
"ContinuousAddMode": "false"
"NameConfirmation": "false"
"CommandDigitTimeout": "1500"
"SaveMessageOnHangup": "false"
"SendMessageOnHangup": "1"
"SkipForwardTime": "5000"
"SkipReverseTime": "5000"
"UseShortPollForCache": "false"
"SearchByExtensionSearchSpaceObjectId": "7aaf45b8-ab06-4dda-af16-378b04a95912"
"SearchByExtensionSearchSpaceURI": "/vmrest/searchspaces/7aaf45b8-ab06-4dda-af16-378b04a95912"
"SearchByNameSearchSpaceObjectId": "7aaf45b8-ab06-4dda-af16-378b04a95912"
"SearchByNameSearchSpaceURI": "/vmrest/searchspaces/7aaf45b8-ab06-4dda-af16-378b04a95912"
"PartitionObjectId": "9c010254-1493-4e1a-9e47-fe2494792744"
"PartitionURI": "/vmrest/partitions/9c010254-1493-4e1a-9e47-fe2494792744"
"UseDynamicNameSearchWeight": "false"

```



```

"LdapType": "0"
"EnableMessageBookmark": "false"
"SayTotalDraftMsg": "false"
"EnableSaveDraft": "false"
"RetainUrgentMessageFlag": "false"
"SayMessageLength": "false"
"CreateSmtProxyFromCorp": "false"
"AutoAdvanceMsgs": "false"
"SaySenderAfter": "false"
"SaySenderExtensionAfter": "false"
"SayMsgNumberAfter": "false"
"SayAniAfter": "false"
"SayMessageLengthAfter": "false"
"UserTemplateRolesURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/usertemplateroles"
"UserTemplateNotificationDevicesURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/usertemplatenotificationdevices"
"TemplateExternalServiceAccountsURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/templateexternalserviceaccounts"
"UserTemplateWebPasswordURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/credential/password"
"UserTemplateVoicePinURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/credential/pin"
"UserTemplateMessageActionURI": "/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d/usertemplatemessageactions"
}

```

Response Code: 200

## Viewing the Details of the User Templates Based on Partition Object ID

The following is an example of the GET request that lists the details of specific user template represented by the provided value of partition object ID:

```

GET
https://<connection-server>/vmrest/usertemplates?query=(PartitionObjectId%20is%20<PartitionObjectId>)

```

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

## Viewing the Details of the User Templates Based on Partition Object ID

```

<UserTemplate>
  <URI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-2b13f76bf631</URI>
  <ObjectId>c2056af2-bed7-4a0d-9039-2b13f76bf631</ObjectId>
  <UseDefaultLanguage>true</UseDefaultLanguage>
  <UseDefaultTimeZone>true</UseDefaultTimeZone>
  <Alias>Texoma_User_Template1</Alias>
  <City/>
  <State/>
  <Country>US</Country>
  <PostalCode/>
  <Manager/>
  <Building/>
  <Address/>
  <DisplayName>Texoma_User_Template1</DisplayName>
  <BillingId/>
  <TimeZone>190</TimeZone>
  <CreationTime>2012-12-26 13:04:28.9</CreationTime>
  <CosObjectId>0ef61610-a729-4b0d-9476-cab095028db3</CosObjectId>
  <CosURI>/vmrest/coses/0ef61610-a729-4b0d-9476-cab095028db3</CosURI>
  <Language>1033</Language>
  <LocationObjectId>27a67e01-bcb4-4012-8b1b-f0a08b736087</LocationObjectId>
  <LocationURI>/vmrest/locations/connectionlocations/27a67e01-bcb4-4012-8b1b-
f0a08b736087</LocationURI>
  <AddressMode>0</AddressMode>
  <ClockMode>0</ClockMode>
  <ConversationTui>SubMenu</ConversationTui>
  <GreetByName>true</GreetByName>
  <ListInDirectory>true</ListInDirectory>
  <IsVmEnrolled>true</IsVmEnrolled>
  <SayCopiedNames>true</SayCopiedNames>
  <SayDistributionList>true</SayDistributionList>
  <SayMsgNumber>true</SayMsgNumber>
  <SaySender>true</SaySender>
  <SayTimestampAfter>true</SayTimestampAfter>
  <SayTimestampBefore>false</SayTimestampBefore>
  <SayTotalNew>false</SayTotalNew>
  <SayTotalNewEmail>false</SayTotalNewEmail>
  <SayTotalNewFax>false</SayTotalNewFax>
  <SayTotalNewVoice>true</SayTotalNewVoice>
  <SayTotalReceipts>false</SayTotalReceipts>
  <SayTotalSaved>true</SayTotalSaved>
  <Speed>100</Speed>
  <MediaSwitchObjectId>b6df8cb3-b3ce-4797-84f3-5559049df8e8</MediaSwitchObjectId>
  <PhoneSystemURI>/vmrest/phonesystems/b6df8cb3-b3ce-4797-84f3-
5559049df8e8</PhoneSystemURI>
  <Undeletable>false</Undeletable>
  <UseBriefPrompts>false</UseBriefPrompts>
  <Volume>50</Volume>
  <EnAltGreetDontRingPhone>false</EnAltGreetDontRingPhone>
  <EnAltGreetPreventSkip>false</EnAltGreetPreventSkip>
  <EnAltGreetPreventMsg>false</EnAltGreetPreventMsg>
  <EncryptPrivateMessages>false</EncryptPrivateMessages>
  <DeletedMessageSortOrder>2</DeletedMessageSortOrder>
  <SayAltGreetWarning>false</SayAltGreetWarning>
  <SaySenderExtension>false</SaySenderExtension>
  <SayAni>false</SayAni>
  <ExitCallActionObjectId>0463e49b-cde4-4c30-877c-acfe25966a42</ExitCallActionObjectId>
  <CallAnswerTimeout>4</CallAnswerTimeout>
  <CallHandlerObjectId>83c9b890-6659-4c0f-8be6-8a1a85efee7e</CallHandlerObjectId>
  <CallHandlerURI>/vmrest/callhandlerprimarytemplates/83c9b890-6659-4c0f-8be6-
8a1a85efee7e</CallHandlerURI>
  <DisplayNameRule>1</DisplayNameRule>
  <DoesntExpire>false</DoesntExpire>
  <CantChange>false</CantChange>

```

```

<MailboxStoreObjectId>e983490d-78a5-45aa-b9a0-31f51460a5bd</MailboxStoreObjectId>
<SavedMessageStackOrder>1234567</SavedMessageStackOrder>
<NewMessageStackOrder>1234567</NewMessageStackOrder>
<MessageLocatorSortOrder>1</MessageLocatorSortOrder>
<SavedMessageSortOrder>2</SavedMessageSortOrder>
<NewMessageSortOrder>1</NewMessageSortOrder>
<MessageTypeMenu>>false</MessageTypeMenu>
<EnablePersonalRules>>true</EnablePersonalRules>
<RecordUnknownCallerName>>true</RecordUnknownCallerName>
<RingPrimaryPhoneFirst>>false</RingPrimaryPhoneFirst>
<PromptSpeed>100</PromptSpeed>
<ExitAction>2</ExitAction>
<ExitTargetConversation>PHGreeting</ExitTargetConversation>
<ExitTargetHandlerObjectId>063956f9-c5ca-4e8b-be67-ff945a8a5d99</ExitTargetHandlerObjectId>
<RepeatMenu>1</RepeatMenu>
<FirstDigitTimeout>5000</FirstDigitTimeout>
<InterdigitDelay>3000</InterdigitDelay>
<PromptVolume>50</PromptVolume>
<DelayAfterGreeting>0</DelayAfterGreeting>
<AddressAfterRecord>>false</AddressAfterRecord>
<ConfirmDeleteMessage>>false</ConfirmDeleteMessage>
<ConfirmDeleteDeletedMessage>>false</ConfirmDeleteDeletedMessage>
<ConfirmDeleteMultipleMessages>>true</ConfirmDeleteMultipleMessages>
<IsClockMode24Hour>>false</IsClockMode24Hour>
<RouteNDRToSender>>true</RouteNDRToSender>
<NotificationType>0</NotificationType>
<SendReadReceipts>1</SendReadReceipts>
<ReceiveQuota>-2</ReceiveQuota>
<SendQuota>-2</SendQuota>
<WarningQuota>-2</WarningQuota>
<IsSetForVmEnrollment>>true</IsSetForVmEnrollment>
<VoiceNameRequired>>false</VoiceNameRequired>
<SendBroadcastMsg>>false</SendBroadcastMsg>
<UpdateBroadcastMsg>>false</UpdateBroadcastMsg>
<ConversationVui>VuiStart</ConversationVui>
<SpeechCompleteTimeout>0</SpeechCompleteTimeout>
<SpeechIncompleteTimeout>750</SpeechIncompleteTimeout>
<UseVui>>false</UseVui>
<SkipPasswordForKnownDevice>>false</SkipPasswordForKnownDevice>
<JumpToMessagesOnLogin>>true</JumpToMessagesOnLogin>
<EnableMessageLocator>>false</EnableMessageLocator>
<MessageAgingPolicyObjectId>6780a194-6efd-4311-819f-494a082bb093</MessageAgingPolicyObjectId>
<MessageAgingPolicyURI>/vmrest/messageagingpolicies/6780a194-6efd-4311-819f-494a082bb093</MessageAgingPolicyURI>
<AssistantRowsPerPage>5</AssistantRowsPerPage>
<InboxMessagesPerPage>20</InboxMessagesPerPage>
<InboxAutoRefresh>15</InboxAutoRefresh>
<InboxAutoResolveMessageRecipients>>true</InboxAutoResolveMessageRecipients>
<PcaAddressBookRowsPerPage>5</PcaAddressBookRowsPerPage>
<ReadOnly>>false</ReadOnly>
<EnableTts>>true</EnableTts>
<ConfirmationConfidenceThreshold>60</ConfirmationConfidenceThreshold>
<AnnounceUpcomingMeetings>60</AnnounceUpcomingMeetings>
<SpeechConfidenceThreshold>40</SpeechConfidenceThreshold>
<SpeechSpeedVsAccuracy>50</SpeechSpeedVsAccuracy>
<SpeechSensitivity>50</SpeechSensitivity>
<EnableVisualMessageLocator>>false</EnableVisualMessageLocator>
<ContinuousAddMode>>false</ContinuousAddMode>
<NameConfirmation>>false</NameConfirmation>
<CommandDigitTimeout>1500</CommandDigitTimeout>
<SaveMessageOnHangup>>false</SaveMessageOnHangup>
<SendMessageOnHangup>1</SendMessageOnHangup>

```

```

<SkipForwardTime>5000</SkipForwardTime>
<SkipReverseTime>5000</SkipReverseTime>
<UseShortPollForCache>>false</UseShortPollForCache>
<SearchByExtensionSearchSpaceObjectId>2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByExtensionSearchSpaceObjectId>
<SearchByExtensionSearchSpaceURI>/vmrest/searchspaces/2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByExtensionSearchSpaceURI>
<SearchByNameSearchSpaceObjectId>2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByNameSearchSpaceObjectId>
<SearchByNameSearchSpaceURI>/vmrest/searchspaces/2e0da21b-54e4-4b51-9f09-
960049a5e806</SearchByNameSearchSpaceURI>
<PartitionObjectId>c6ff147e-c32c-4ade-8f12-46427c795c21</PartitionObjectId>
<PartitionURI>/vmrest/partitions/c6ff147e-c32c-4ade-8f12-46427c795c21</PartitionURI>
<UseDynamicNameSearchWeight>>false</UseDynamicNameSearchWeight>
<LdapType>0</LdapType>
<EnableMessageBookmark>>false</EnableMessageBookmark>
<SayTotalDraftMsg>>false</SayTotalDraftMsg>
<EnableSaveDraft>>false</EnableSaveDraft>
<RetainUrgentMessageFlag>>false</RetainUrgentMessageFlag>
<SayMessageLength>>false</SayMessageLength>
<CreateSmtProxyFromCorp>>false</CreateSmtProxyFromCorp>
<AutoAdvanceMsgs>>false</AutoAdvanceMsgs>
<SaySenderAfter>>false</SaySenderAfter>
<SaySenderExtensionAfter>>false</SaySenderExtensionAfter>
<SayMsgNumberAfter>>false</SayMsgNumberAfter>
<SayAniAfter>>false</SayAniAfter>
<SayMessageLengthAfter>>false</SayMessageLengthAfter>
<UserTemplateRolesURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/usertemplateroles</UserTemplateRolesURI>
<UserTemplateNotificationDevicesURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/usertemplatenotificationdevices</UserTemplateNotificationDevicesURI>
<TemplateExternalServiceAccountsURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/templateexternalserviceaccounts</TemplateExternalServiceAccountsURI>
<UserTemplateWebPasswordURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/credential/password</UserTemplateWebPasswordURI>
<UserTemplateVoicePinURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/credential/pin</UserTemplateVoicePinURI>
<UserTemplateMessageActionURI>/vmrest/usertemplates/c2056af2-bed7-4a0d-9039-
2b13f76bf631/usertemplatemessageactions</UserTemplateMessageActionURI>
</UserTemplate>

```

Response Code: 200

### JSON Example

To view the details of the user templates based on partition object ID, do the following:

```

Request URI:
GET
https://<connection-server>/vmrest/usertemplates?query=(PartitionObjectId%20is%20<PartitionObjectId>)
Accept: application/json
Content_type: application/json
Connection: keep_alive

```

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

```
{
  "URI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afef0604d"
  "ObjectId":"a46d269a-6614-485b-8649-099afef0604d"
  "UseDefaultLanguage":"true"
  "UseDefaultTimeZone":"true"
  "Alias":"voicemailusertemplate"
  "DisplayName":"Voice Mail User Template"
  "TimeZone":"190"
  "CreationTime":"2013-02-21T11:39:11Z"
  "CosObjectId":"c93854b3-c59f-44e7-a6a9-0a6e17578672"
  "CosURI":"/vmrest/coses/c93854b3-c59f-44e7-a6a9-0a6e17578672"
  "Language":"1033"
  "LocationObjectId":"830e1a2d-8e90-459f-88f7-700497ba975c"
  "LocationURI":"/vmrest/locations/connectionlocations/830e1a2d-8e90-459f-88f7-700497ba975c"
  "AddressMode":"0"
  "ClockMode":"0"
  "ConversationTui":"SubMenu"
  "GreetByName":"true"
  "ListInDirectory":"true"
  "IsVmEnrolled":"true"
  "SayCopiedNames":"true"
  "SayDistributionList":"true"
  "SayMsgNumber":"true"
  "SaySender":"true"
  "SayTimestampAfter":"true"
  "SayTimestampBefore":"false"
  "SayTotalNew":"false"
  "SayTotalNewEmail":"false"
  "SayTotalNewFax":"false"
  "SayTotalNewVoice":"true"
  "SayTotalReceipts":"false"
  "SayTotalSaved":"true"
  "Speed":"100"
  "MediaSwitchObjectId":"caf093ef-5e7b-47dd-9db7-9df360d2923e"
  "PhoneSystemURI":"/vmrest/phonesystems/caf093ef-5e7b-47dd-9db7-9df360d2923e"
  "Undeletable":"true"
  "UseBriefPrompts":"false"
  "Volume":"50"
  "EnAltGreetDontRingPhone":"false"
  "EnAltGreetPreventSkip":"false"
  "EnAltGreetPreventMsg":"false"
  "EncryptPrivateMessages":"false"
  "DeletedMessageSortOrder":"2"
  "SayAltGreetWarning":"false"
  "SaySenderExtension":"false"
  "SayAni":"false"
  "ExitCallActionObjectId":"ecc8570c-c0da-493e-a520-b125529cfee1"
  "CallAnswerTimeout":"4"
  "CallHandlerObjectId":"f4f87905-c20a-4df3-b20e-446c1798df19"
  "CallhandlerURI":"/vmrest/callhandlerprimarytemplates/f4f87905-c20a-4df3-b20e-446c1798df19"
  "DisplayNameRule":"1"
  "DoesntExpire":"false"
  "CantChange":"false"
  "MailboxStoreObjectId":"90e5847b-3a87-4c92-a753-eda6ea0fdb4c"
  "SavedMessageStackOrder":"1234567"
  "NewMessageStackOrder":"1234567"
  "MessageLocatorSortOrder":"1"
  "SavedMessageSortOrder":"2"
  "NewMessageSortOrder":"1"
  "MessageTypeMenu":"false"
  "EnablePersonalRules":"true"
  "RecordUnknownCallerName":"true"
}
```

## Viewing the Details of the User Templates Based on Partition Object ID

```

"RingPrimaryPhoneFirst":"false"
"PromptSpeed":"100"
"ExitAction":"2"
"ExitTargetConversation":"PHGreeting"
"ExitTargetHandlerObjectId":"d085ebc6-99ac-46a5-92f3-d26f52701585"
"RepeatMenu":"1"
"FirstDigitTimeout":"5000"
"InterdigitDelay":"3000"
"PromptVolume":"50"
"AddressAfterRecord":"false"
"ConfirmDeleteMessage":"false"
"ConfirmDeleteDeletedMessage":"false"
"ConfirmDeleteMultipleMessages":"true"
"IsClockMode24Hour":"false"
"RouteNDRToSender":"true"
"NotificationType":"0"
"SendReadReceipts":"1"
"ReceiveQuota":"-2"
"SendQuota":"-2"
"WarningQuota":"-2"
"IsSetForVmEnrollment":"true"
"VoiceNameRequired":"false"
"SendBroadcastMsg":"false"
"UpdateBroadcastMsg":"false"
"ConversationVui":"VuiStart"
"SpeechCompleteTimeout":"0"
"SpeechIncompleteTimeout":"750"
"UseVui":"false"
"SkipPasswordForKnownDevice":"false"
"JumpToMessagesOnLogin":"true"
"EnableMessageLocator":"false"
"MessageAgingPolicyObjectId":"12b765a8-a67b-47f6-8ede-3e02aea9f4fe"
"MessageAgingPolicyURI":"/vmrest/messageagingpolicies/12b765a8-a67b-47f6-8ede-3e02aea9f4fe"
"AssistantRowsPerPage":"5"
"InboxMessagesPerPage":"20"
"InboxAutoRefresh":"15"
"InboxAutoResolveMessageRecipients":"true"
"PcaAddressBookRowsPerPage":"5"
"ReadOnly":"false"
"EnableTts":"true"
"ConfirmationConfidenceThreshold":"60"
"AnnounceUpcomingMeetings":"60"
"SpeechConfidenceThreshold":"40"
"SpeechSpeedVsAccuracy":"50"
"SpeechSensitivity":"50"
"EnableVisualMessageLocator":"false"
"ContinuousAddMode":"false"
"NameConfirmation":"false"
"CommandDigitTimeout":"1500"
"SaveMessageOnHangup":"false"
"SendMessageOnHangup":"1"
"SkipForwardTime":"5000"
"SkipReverseTime":"5000"
"UseShortPollForCache":"false"
"SearchByExtensionSearchSpaceObjectId":"7aaf45b8-ab06-4dda-af16-378b04a95912"

"SearchByExtensionSearchSpaceURI":"/vmrest/searchspaces/7aaf45b8-ab06-4dda-af16-378b04a95912"

"SearchByNameSearchSpaceObjectId":"7aaf45b8-ab06-4dda-af16-378b04a95912"
"SearchByNameSearchSpaceURI":"/vmrest/searchspaces/7aaf45b8-ab06-4dda-af16-378b04a95912"
"PartitionObjectId":"9c010254-1493-4e1a-9e47-fe2494792744"

```

```

"PartitionURI":"/vmrest/partitions/9c010254-1493-4e1a-9e47-fe2494792744"
"UseDynamicNameSearchWeight":"false"
"LdapType":"0"
"EnableMessageBookmark":"false"
"SayTotalDraftMsg":"false"
"EnableSaveDraft":"false"
"RetainUrgentMessageFlag":"false"
"SayMessageLength":"false"
"CreateSmtProxyFromCorp":"false"
"AutoAdvanceMsgs":"false"
"SaySenderAfter":"false"
"SaySenderExtensionAfter":"false"
"SayMsgNumberAfter":"false"
"SayAniAfter":"false"
"SayMessageLengthAfter":"false"
"UserTemplateRolesURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/usertemplateroles"
"UserTemplateNotificationDevicesURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/usertemplatenotificationdevices"
"TemplateExternalServiceAccountsURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/templateexternalserviceaccounts"
"UserTemplateWebPasswordURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/credential/password"
"UserTemplateVoicePinURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/credential/pin"
"UserTemplateMessageActionURI":"/vmrest/usertemplates/a46d269a-6614-485b-8649-099afe0604d/usertemplatemessageactions"
}

```

Response Code: 200



**Note** Same way user templates can be viewed for particular COS object ID, mailbox store object ID, phone system and call handler object ID.

- PartitionObjectId can be viewed from <https://<connection-server>/vmrest/partitions>
- COSObjectId : <https://<connection-server>/vmrest/coses>
- PhoneSystem : <https://<connection-server>/vmrest/phonesystems>

## Creating a User Template

The request can be used to create the User Template. It can be used to create the User Template with specific Partition Object ID, COS, MailboxStoreObjectId, Phone System. The following is an example of the POST request that creates a new user template:

```

POST https://<connection-server>/vmrest/usertemplates?templateAlias=voicemailusertemplate
Request Body:
<UserTemplate>
  <Alias>ABC_user template</Alias>
  <DisplayName>ABC@user template</DisplayName>
</UserTemplate>

```

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

Response Code: 201

### JSON Example

To create user template:

```
POST https://<connection-server>/vmrest/usertemplates?templateAlias=voicemailusertemplate
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Alias": "voicemailusertemplate1",
  "DisplayName": "Voice Mail User Template 1"
}
```

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

```
Response Code: 201
```

## Creating a User Template with Specific Partition Object ID

The request can be used to create the User Template. It can be used to create the User Template with specific Partition Object ID, COS, MailboxStoreObjectId, Phone System. The following is an example of the POST request that creates a new user template:

```
POST https://<connection-server>/vmrest/usertemplates?templateAlias=voicemailusertemplate
Request Body:
<UserTemplate>
  <Alias>ABCs_user template</Alias>
  <DisplayName>ABCs@user template</DisplayName>
  <PartitionObjectId>00c25bc8-d3d0-45ec-a786-fcf7a35593cf</PartitionObjectId>
</UserTemplate>
```

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

```
Response Code: 201
```



**Note** Get partition object Id from " https://<connection-server>/vmrest/partitions ". In same way users templates can be created using specific COS object ID, MailboxStoreObjectId, Phone System.

### JSON Example

To create user template with specific partition ID, do the following:

```
Request URI:
POST https://<connection-server>/vmrest/usertemplates?templateAlias=<TemplatealiasName>
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Alias": "voicemailusertemplate12",
  "DisplayName": "Voice Mail User Templater12",
  "PartitionObjectId": "be52d373-25c4-416c-81c1-b82479061192"
}
```



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

```
Response Code: 201
```

## Updating Fields of User Templates

The request can be used to update the fields of a user template. It can be used to update Alias, Display Name, Time Zone, Language, COS, Partition Object ID, Phone System and Basic Setting fields of a user template. The following is an example of the PUT request that updates a user template:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Request Body:
<UserTemplate>
  <Alias>ABCD_user template</Alias>
  <UseDefaultLanguage>true</UseDefaultLanguage>
  <Language>1033</Language>
  <UseDefaultTimeZone>true</UseDefaultTimeZone>
  <TimeZone>190</TimeZone>
  <CosObjectId>6f054167-6f6c-4ed5-a498-1776337871ee</CosObjectId>
  <MediaSwitchObjectId>221ee752-5147-4326-9990-d4a138674f9e</MediaSwitchObjectId>
</UserTemplate>
```

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
```

### JSON Example

To update fields of a user template:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Alias": "ABC_user template",
  "DisplayName": "Auser template",
  "UseDefaultLanguage": "false",
  "TimeZone": "190",
  "MediaSwitchObjectId": "caf093ef-5e7b-47dd-9db7-9df360d2923e",
  "CosObjectId": "c93854b3-c59f-44e7-a6a9-0a6e17578672"
}
```

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
```

## Update Country Code of the User Template

To view the country code, use the following URI:

```
GET https://<connection-server>/vmrest/languagemap
```

And to check language check; use last 2 characters of language check to change the country code.

The following is an example of the PUT request that updates the country code of a user template:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Request Body:
<UserTemplate>
  <Country>SA</Country>
</UserTemplate>
```

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
```

### JSON Example

To update the country code of a user template, do the following:

```
Request URI:
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Country": "XY"
}
```

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** Country code must only have 2 character codes.

## Update Language of User Template

To view the language code, use the following URI:

```
PUT https://<connection-server>/vmrest/languagemap
```

And check language code; use that language code to change language of user template.

The following is an example of the PUT request that updates the language of a user template:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Request Body:
<UserTemplate>
  <Language>1025</Language>
</UserTemplate>
```

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
```

### JSON Example

To update the language of a user template, do the following:

```
Request URI:
PUT https://<connection-server>/vmrest/usertemplates/< usertemplateobjectid >
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Language": "1025"
}
```

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
```

## Delete the User Template

The following is an example of the DELETE request that can be used to delete a user template:

```
DELETE https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
```

```
Response Code: 204
```

### JSON Example

To delete a user template, do the following:

```
Request URI:
DELETE https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>
Accept: application/json
Content_type: application/json
Connection: keep_alive
```

```
Response Code: 204
```

## Updating Password Settings and Changing Passwords

**Example 1: Updating voicemail password** The following is an example of the PUT request that can be used to update the voicemail password:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/credential/pin
Request Body:
<UserTemplateCredential>
  <Credentials>142536</Credentials>
</UserTemplateCredential>
```

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

```
Response Code: 204
```



**Note** Voicemail should be in numeric only.

### JSON Example

To update the credentials, do the following:

```
Request URI:
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/credential/pin
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Credentials":"10255"
}
```

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
```

**Example 2: To update the fields** The following is the response from the above \*PUT\* request for updating fields and the actual response will depend upon the information given by you:

```
Request Body:
<UserTemplateCredential>
  <DoesntExpire>true</DoesntExpire>
  <Locked>>false</Locked>
  <CantChange>>false</CantChange>
  <CredMustChange>>false</CredMustChange>
  <CredentialPolicyObjectId>58f0dc20-f8fc-467d-a648-b5ffbba87dd9</CredentialPolicyObjectId>
</UserTemplateCredential>
```

```
Response Code: 204
```



**Note** Updating fields can be done only when "CredMustChange" parameter is false and in order to change authentication rule and to view authentication rule use the following URI:

```
GET https://<connection-server>/vmrest /authenticationrules
```

**Example 3: Updating web application password** The following is an example of the PUT request that can be used to update the web application password:

```
PUT
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/credential/password
Request Body:
<UserTemplateCredential>
  <Credentials>Cisco123</Credentials>
</UserTemplateCredential>
```

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

```
Response Code: 204
```



**Note** Web password should be in alphanumeric only.

### JSON Example

To update the credentials, do the following:

```
Request URI:
PUT
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/credential/password
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "Credentials":"10255",
  "CantChange":"false",
  "DoesntExpire":"true",
  "Locked":"false",
  "CredMustChange":"false",
  "CredentialPolicyObjectId":"7b282b66-73b1-4989-9d94-3d105b6ef5e8"
}
```

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
```

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

```
Request Body:
<UserTemplateCredential>
  <DoesntExpire>true</DoesntExpire>
  <Locked>false</Locked>
  <CantChange>false</CantChange>
  <CredMustChange>false</CredMustChange>
  <CredentialPolicyObjectId>58f0dc20-f8fc-467d-a648-b5ffbba87dd9</CredentialPolicyObjectId>
</UserTemplateCredential>
```

```
Response Code: 204
```



**Note** Updating fields can be done only when "CredMustChange" parameter is false and in order to change authentication rule and to view authentication rule use the following URI:

```
GET https://<connection-server>/vmrest /authenticationrules
```

## Adding or Deleting Roles

To view the roles object ID use the following URI:

```
GET https://<connection-server>/vmrest/roles
```

**Example 1: Adding the roles** The following is an example of the POST request that can be used to add the roles:

```
PUT https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles
Request Body:
<UserTemplateRole>
  <RoleObjectId>4f077e4e-61c7-4ce8-a58a-2c4bc6089319</RoleObjectId>
</UserTemplateRole>
```

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

```
Response Code: 201
```

### JSON Example

To add the roles, do the following:

```
Request URI:
POST
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles
Accept: application/json
Content_type: application/json
Connection: keep_alive
Request Body:
{
  "RoleObjectId": "04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
}
```

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

```
Response Code: 201
```

**Example 2: Viewing roles of user template** The following is an example of the GET request that can be used to view the roles:

```
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles
```

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

```
<UserTemplateRole>
  <URI>/vmrest/usertemplates/d8054a3a-6c09-4a25-9880-6589d2f1dc85/usertemplateroles/973e143e-af15-4ef4-a7c1-5fafd9cc53d4</URI>
  <ObjectId>973e143e-af15-4ef4-a7c1-5fafd9cc53d4</ObjectId>
  <UserObjectId>d8054a3a-6c09-4a25-9880-6589d2f1dc85</UserObjectId>
  <UserURI>/vmrest/users/d8054a3a-6c09-4a25-9880-6589d2f1dc85</UserURI>
  <RoleObjectId>ba166947-41e8-4ec9-ad14-03658d91240e</RoleObjectId>
  <RoleURI>/vmrest/roles/ba166947-41e8-4ec9-ad14-03658d91240e</RoleURI>
  <RoleName>Audit Administrator</RoleName>
  <Alias>ABCD_user template</Alias>
</UserTemplateRole>
```

```
Response Code: 200
```

### JSON Example

To view the roles, do the following:

```
Request URI:
GET https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles
Accept: application/json
Content_type: application/json
Connection: keep_alive
```

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

```
{
  "@total": "1"
  "UserTemplateRole":
  {
    "URI": "/vmrest/usertemplates/a9272189-720b-44b3-86e0-df7ef519599c/usertemplateroles/167b7661-ee8b-4c83-8867-decb88ec0c1c"
    "ObjectId": "167b7661-ee8b-4c83-8867-decb88ec0c1c"
    "UserObjectId": "a9272189-720b-44b3-86e0-df7ef519599c"
    "UserURI": "/vmrest/users/a9272189-720b-44b3-86e0-df7ef519599c"
    "RoleObjectId": "04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
    "RoleURI": "/vmrest/roles/04d0f1ef-a8c6-454a-8cf0-0e8db7bb2b15"
    "RoleName": "Help Desk Administrator"
    "Alias": "tenant005_usertemplate_1"
  }
}
```

Response Code: 200

**Example 3: Delete role of user template** The following is an example of the DELETE request that can be used to view the roles:

```
DELETE
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles/<usertemplaterolesId>
```

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

Response Code: 204

### JSON Example

To delete role of user template, do the following:

```
Request URI:
DELETE
https://<connection-server>/vmrest/usertemplates/<usertemplateobjectid>/usertemplateroles/<usertemplateroleid>
Accept: application/json
Content_type: application/json
Connection: keep_alive
```

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

Response Code: 204

## Explanation of Data Fields

Parameter	Data Type	Operations	Comments
Alias	String(64)	Read/Write	A unique text name for addressable objects: Global Users, Contacts, DistributionLists, and PersonalGroups.
Display Name	String(64)	Read/Write	Enter a descriptive name for the user template.
ObjectId	String(36)	Read-Only	Specifies a globally unique, system-generated identifier for a UserSubscriber object.
TenantObjectId	String(36)	Read-Only	The unique identifier of the tenant to which the user template belongs. This field is reflected in the response only if the user template belongs to a particular tenant.
UseDefaultLanguage	Boolean	Read/Write	Possible values can be: <ul style="list-style-type: none"> <li>• False: The language is the default language defined for the user template.</li> <li>• True: The language is derived from the location to which this user template belongs.</li> </ul> Default value: False
UseDefaultTimeZone	Boolean	Read/Write	Possible values can be: <ul style="list-style-type: none"> <li>• False: The time zone is the default time zone defined for the user template.</li> <li>• True: The time zone is derived from the location to which this user template belongs.</li> </ul> Default value: False
City	String(64)	Read/Write	Enter the city. (optional)
State	String(64)	Read/Write	Enter the state. (optional)
Country	String(2)	Read/Write	Enter the country. (optional)
PostalCode	String(40)	Read/Write	Enter the Postal code (optional)
Department	String(64)	Read/Write	Enter the users department. (optional)
Manager	String(64)	Read/Write	Enter the name of the manager. (optional)
Address	String(64)	Read/Write	Enter the user address .(optional)
BillingId	String(32)	Read/Write	Billing ID can be used for organization-specific information, such as accounting information, department names, or project codes.
TimeZone	Integer	Read/Write	Select the desired time zone for the user, or check the Use System Default Time Zone check box.
CreationTime	DateTime	Read-Only	The date and time the user template was created.
CosObjectId	String(36)	Read/Write	The unique identifier of the COS (Class of Service) object to which this user template account is associated.



Parameter	Data Type	Operations	Comments
Language	Integer	Read/Write	Select Use System Default Language or select a language from the list
VoiceName	String	Read/Write	Wav file that contains recorded name.
LocationObjectId	String(36)	Read-Only	The unique identifier of the LocationVMS object to which this user belongs.
AddressMode	Integer	Default	The default method the subscriber will use to address messages to other subscribers.  Possible options are: <ul style="list-style-type: none"> <li>• 0=LastNameFirst</li> <li>• 1=Extension</li> <li>• 2=FirstNameFirst</li> </ul>
ClockMode	Integer	Read-Only	The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.  Possible options are: <ul style="list-style-type: none"> <li>• 0=SystemDefaultClock</li> <li>• 1=HourClock12</li> <li>• 2=HourClock24</li> </ul>
ConversationTUI	String(36)	Read-Only	The name of the conversation the subscriber uses to set up, send, and retrieve messages.
GreetByName	Boolean	Read-Only	A flag indicating whether the subscriber hears his/her name when they log into their mailbox over the phone.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not play the name.</li> <li>• True: Play the recorded voice name.</li> </ul> Default value: True
ListInDirectory	Boolean	Read/Write	A flag indicating whether system should list the subscriber in the phone directory for outside callers.  Possible values can be: <ul style="list-style-type: none"> <li>• False: Do not list the subscriber in the phone directory.</li> <li>• True: List the subscriber in the phone directory.</li> </ul> Default value: True

Parameter	Data Type	Operations	Comments
IsVmEnrolled	Boolean	Read/Write	<p>A flag indicating whether system plays the enrollment conversation (record a voice name, indicate if they are listed in the directory, etc.) for the subscriber when they login.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: The enrollment conversation is not played for the subscriber when they login.</li> <li>• True: The enrollment conversation is played for the subscriber when they login.</li> </ul> <p>Default value: True</p>
SayCopiedNames	Boolean	Read/Write	<p>A flag indicating whether system announces the "copied" names during message playback for a subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce copied names.</li> <li>• True: Announce copied names.</li> </ul> <p>Default value: True</p>
SayDistributionList	Boolean	Read/Write	<p>A flag indicating whether system announces the distribution list that sends a message, if applicable.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce the distribution list.</li> <li>• True: Announce the distribution list.</li> </ul> <p>Default value: True</p>
SayMsgNumber	Boolean	Read/Write	<p>A flag indicating whether system announces the position of each message in the stack (i.e., 'Message 1', 'Message 2', etc.) during message playback for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not play the message number.</li> <li>• True: Play the message number.</li> </ul> <p>Default value: True</p>
SaySender	Boolean	Read/Write	<p>A flag indicating whether system announces the sender of a message during message playback for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce the sender.</li> <li>• True: Announce the sender.</li> </ul> <p>Default value: True</p>

Parameter	Data Type	Operations	Comments
SayTimeStampAfter	Boolean	Read/Write	<p>A flag indicating whether system announces the timestamp after it plays back each message for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce the timestamp after each message is played.</li> <li>• True: Announce the timestamp after each message is played.</li> </ul> <p>Default value: True</p>
SayTimeStampBefore	Boolean	Read/Write	<p>A flag indicating whether system announces the timestamp before it plays back each for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce the timestamp before each message is played.</li> <li>• True Announce the timestamp before each message is played.</li> </ul> <p>Default value: False</p>
SayTotalNew	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of new messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of new messages.</li> <li>• True: Announce the total number of new messages in the subscriber mailbox.</li> </ul> <p>Default value: False</p>
SayTotalNewEmail	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of new e-mail messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of new e-mail messages.</li> <li>• True: Announce the total number of new e-mail messages in the subscriber mailbox.</li> </ul> <p>Default value: False</p>

Parameter	Data Type	Operations	Comments
SayTotalNewFax	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of new fax messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of new fax messages.</li> <li>• True: Announce the total number of new fax messages in the subscriber mailbox.</li> </ul> <p>Default value: False</p>
SayTotalNewVoice	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of new voice messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of new voice messages.</li> <li>• True: Announce the total number of new voice messages in the subscriber mailbox.</li> </ul> <p>Default value: True</p>
SayTotalReceipts	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of new receipts in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of new receipts.</li> <li>• True: Announce the total number of new receipts in the subscriber mailbox.</li> </ul> <p>Default value: False</p>
SayTotalSaved	Boolean	Read/Write	<p>A flag indicating whether system announces the total number of saved messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of saved messages.</li> <li>• True: Announce the total number of saved messages in the subscriber mailbox.</li> </ul> <p>Default value: True</p>
Speed	Integer	Read/Write	The audio speed system uses to play back messages to the subscriber. Range: 0-200.
MediaSwitchObjectId	String(36)	Read-Only	The unique identifier of the MediaSwitch object Cisco Unity Connection uses for subscriber Telephone Record and Playback (TRAP) sessions and to dial MWI on or off requests when the Cisco Unity Connection system has dual switch integration.

Parameter	Data Type	Operations	Comments
Undeletable	Boolean	Read/Write	Tells whether it can be deleted by administrator or not.
UseBriefPrompts	Boolean	Read/Write	A flag indicating whether the subscriber hears brief or full phone menus when accessing system over the phone. Default value: False
Volume	Integer	Read/Write	The audio volume expressed as a percentage that Cisco Unity Connection uses to play back message. Range: 0-100
EnAltGreetDontRingPhone	Boolean	Read-Only	A flag indicating whether a caller is prevented from being transferred to the subscriber phone when the subscriber alternate greeting is turned on. Values can be: <ul style="list-style-type: none"> <li>• False: Ring the phone.</li> <li>• True: Send the caller to the alternate greeting.</li> </ul> Default value: False
EnAltGreetPreventSkip	Boolean	Read-Only	A flag indicating whether callers can skip the greeting while it is playing when the alternate greeting is turned on. Values can be: <ul style="list-style-type: none"> <li>• False: If alternate greeting is active, callers cannot skip the greeting\</li> <li>• True: If alternate greeting is active, callers can skip the greeting.</li> </ul> Default value: False
EnAltGreetPreventMsg	Boolean	Read-Only	A flag indicating whether callers can leave a message after the greeting when the subscriber alternate greeting is turned on. Values can be: <ul style="list-style-type: none"> <li>• False: If alternate greeting is active, callers can leave a message for the subscriber</li> <li>• True: If alternate greeting is active, callers cannot leave a message for the subscriber.</li> </ul> Default value: False
EncryptPrivateMessages	Boolean	Read-Only	A flag indicating whether system encrypts messages from the subscriber that are marked private. Values can be: <ul style="list-style-type: none"> <li>• False: Do not encrypt private messages.</li> <li>• True: Encrypt private messages.</li> </ul> Default value: False

Parameter	Data Type	Operations	Comments
DeletedMessageSortOrder	Integer	Read-Only	The order in which system presents deleted messages to the subscriber.
SayAltGreetWarning	Boolean	Read-Only	A flag indicating whether Cisco Unity Connection notifies the subscriber when they login via the phone (plays conversation) or CPCA (displays a warning banner) if their alternate greeting is turned on.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not notify the subscriber that their alternate greeting is turned on.</li> <li>• True: Notify the subscriber when they login if their alternate greeting is turned on.</li> </ul> Default value: False
SaySenderExtension	Boolean	Read-Only	A flag indicating whether Cisco Unity Connection during message playback, plays the primary extension information of the subscriber who sent the message after playing the sender's voice name.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not play the extension information of the subscriber who sent the message.</li> <li>• True: After playing the sender's voice name, play the primary extension information of the subscriber who sent the message.</li> </ul> Default value: False
SayAni	Boolean	Read-Only	A flag indicating whether Cisco Unity Connection plays the Automatic Number Identification (ANI) information during message playback for voice messages from unidentified callers.  Default value: False
ExitCallActionObjectId	String(36)	Read-Only	The unique identifier of the CallAction object that is taken when a caller exits the subscriber conversation by pressing the * key or timing out.
CallAnswerTimeout	Integer	Read/Write	The number of rings to wait for a subscriber destination to answer before the call is forwarded to the subscriber's primary phone.
CallHandlerObjectId	String(36)	Read-Only	The unique identifier of the primary CallHandler object for the subscriber.
DisplayNameRule	Integer	Read/Write	The format for generating the user display name.

Parameter	Data Type	Operations	Comments
DoesntExpire	Boolean	Read/Write	<p>A flag indicating whether or not the user credential will automatically expire (and the user required to change the credential upon its expiration) based on a defined schedule. Regardless, the user still may change the credential (if allowed by CantChange).</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: The user credential will automatically expire. The expiration of the credential is controlled by the value of the column tbl_CredentialPolicy-&gt;MaxDays.</li> <li>• True: The user credential will not automatically expire.</li> </ul> <p>Default value: False</p>
CantChange	Boolean	Read-Only	<p>A flag indicating whether the user can set/change their credential (i.e., the credential specified by the associated credential policy).</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: User is allowed to change their credential.</li> <li>• True: User cannot change their credential.</li> </ul> <p>Default value: False</p>
MailboxStoreObjectId	String(36)	Read-Only	The unique identifier of the MailboxStore object where a mailbox is created for a new subscriber created with this template.
SavedMessageStackOrder	String(36)	Read/Write	<p>The order in which system plays the following types of saved messages:</p> <ul style="list-style-type: none"> <li>• Urgent voice messages</li> <li>• Non-urgent voice messages</li> <li>• Urgent fax messages</li> <li>• Non-urgent fax messages</li> <li>• Urgent e-mail messages</li> <li>• Non-urgent e-mail messages</li> <li>• Receipts and notices</li> </ul>
NewMessageStackOrder	String(36)	Read/Write	<p>The order in which system plays the following types new messages:</p> <ul style="list-style-type: none"> <li>• Urgent voice messages</li> <li>• Non-urgent voice messages* Urgent fax messages</li> <li>• Non-urgent fax messages</li> <li>• Urgent e-mail messages</li> <li>• Non-urgent e-mail messages</li> <li>• Receipts and notices</li> </ul>

Parameter	Data Type	Operations	Comments
MessageLocatorSortOrder	Integer	Read/Write	The order in which system will sort messages when the "Message Locator" feature is enabled.
SavedMessageSortOrder	Integer	Read/Write	The order in which system will sort saved messages.
NewMessageSortOrder	Integer	Read/Write	The order in which system will sort new messages.
MessageTypeMenu	Boolean	Read/Write	A flag indicating whether system plays the message type menu when the subscriber logs on to system over the phone.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not play message type menu.</li> <li>• True: Play message type menu.</li> </ul> Default value: False
EnablePersonalRules	Boolean	Read/Write	A flag indicating whether a subscriber's personal rules are enabled. Subscribers can use this setting to disable all personal rules at once.  Values can be: <ul style="list-style-type: none"> <li>• False: Call routing rules disabled for subscriber.</li> <li>• 1: Call routing rules enabled for subscriber.</li> <li>• True: Call routing rules enabled for subscriber.</li> </ul> Default value: True
ForcedAuthorizationCode	String(36)	Read/Only	A valid authorization code that is entered prior to extending calls to classes of dialed numbers, for example, external, toll and international calls.
RecordUnknownCallerName	Boolean	Read/Write	A flag indicating whether a caller should be promoted to record his/her name if Unity does not receive caller id.  Default value: True
RingPrimaryPhoneFirst	Boolean	Read/Write	A flag indicating whether a subscriber's primary phone should be rung before trying other destinations in a personal group.  Default value: False
PromptSpeed	Integer	Read/Write	The audio speed system uses to play back prompts to the subscriber.
ExitAction	Integer	Read/Write	Type of call action to take, e.g., hang-up, go to another object, etc.
ExitTargetConversation	String(64)	Read/Write	The name of the conversation to which the caller is routed.
ExitTargetHandlerObjectId	String(36)	Read/Only	The unique identifier of the specific object to send along to the target conversation.



Parameter	Data Type	Operations	Comments
RepeatMenu	Integer	Read/Write	The number of times to repeat a menu in TUI. Possible range 0-250
FirstDigitTimeout	Integer	Read/Write	The amount of time to wait (in milliseconds) for first digits when collecting touch tones. Range: 500-10000.
InterdigitDelay	Integer	Read-Only	The amount of time to wait (in milliseconds) for input between touch tones when collecting digits in TUI. Range: 1000-10000
PromptVolume	Integer	Read/Write	The volume level for playback of system prompts. Range: 0-100.
DelayAfterGreeting	Integer	Read/Write	The amount of time (in milliseconds) Cisco Unity Connection will delay after playing greeting. Range: 0-50000.
ClientMatterCode	String(40)	Read-Only	The client matter code to transmit to Call Manger when a phone number is dialed on an outbound call. The CMC is entered after a phone number is dialed so that the customer can assign account or billing codes to the call. Whether or not the CMC will be transmitted is dictated by a setting on outbound call. The subscriber's CMC is used only if the outbound call doesn't have its own CMC.
AddressAfterRecord	Boolean	Read/Write	A flag indicating whether the subscriber will be prompted to address message before or after it is recorded.  Values can be: <ul style="list-style-type: none"> <li>• False: Prompt subscriber to address message before recording.</li> <li>• True: Prompt subscriber to address message after recording.</li> </ul> Default value: False
ConfirmDeleteMessage	Boolean	Read/Write	A flag indicating whether system will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.  Values can be: <ul style="list-style-type: none"> <li>• False: system will not request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.</li> <li>• True: system will request confirmation from a subscriber before proceeding with a deletion of a single new or saved message.</li> </ul> Default value: False

Parameter	Data Type	Operations	Comments
ConfirmDeleteMultipleMessage	Boolean	ReadWrite	<p>A flag indicating whether system allows the subscriber to choose which message they want to delete or whether system permanently deletes the specified type of messages. A change what system does when subscribers press 3 &gt; 2 &gt; 2 from the Main menu to permanently delete multiple deleted messages at once.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: System does not prompt the subscriber to choose, and instead permanently deletes the type of messages you specify: either deleted voice messages or all deleted messages (voice, fax, and e-mail, as applicable).</li> <li>• True: System allows the subscriber to choose which messages they want to delete; subscriber can either delete their deleted voice messages or delete all of their deleted messages.</li> </ul> <p>Default value: True</p>
PabLastImported	String(36)	ReadOnly	The date and time when the personal address book was last imported from a groupware package into the personal groups for a user.
IsClockMode24Hour	Boolean	ReadWrite	<p>The time format used for the message timestamps that the subscriber hears when they listen to their messages over the phone.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: 12-Hour clock - The subscriber hears message timestamps in the time format of a 12-hour clock. For example, a subscriber will hear 1:00 PM when listening to the timestamp of a message left at 1:00 PM.</li> <li>• True: 24-Hour clock - The subscriber hears message timestamps in the time format of a 24-hour clock. For example, a subscriber will hear 13:00 when listening to the timestamp of a message left at 1:00 PM.</li> </ul> <p>Default value: False</p>
RouteNDRToSender	Boolean	ReadWrite	For an undeliverable message, whether NDR messages will appear in the subscriber mailbox or are deleted by the system.
NotificationType	Integer	ReadWrite	The notification type to use for this mailbox created.

Parameter	Data Type	Operations	Comments
SendReadReceipts	Integer	Read/Write	A flag indicating whether the mailbox created with this subscriber allows the system to send read receipts on its behalf.  Values can be: <ul style="list-style-type: none"> <li>• 0: Disable</li> <li>• 1: Enable</li> </ul>
SendQuota	Integer	Read/Write	The mailbox size (in bytes) send limit. (2048 MB)  Values can be: <ul style="list-style-type: none"> <li>• 1: The quota is unlimited.</li> <li>• 2: The default system quota is assigned.</li> </ul>
WarningQuota	Integer	Read/Write	The mailbox size (in bytes) warning limit. (2048 MB)  Values can be: <ul style="list-style-type: none"> <li>• 1: The quota is unlimited.</li> <li>• 2: The default system quota is assigned.</li> </ul>
ReceiveQuota	Integer	Read/Write	The mailbox size (in bytes) receive limit. (2048 MB)  Values can be: <ul style="list-style-type: none"> <li>• 1: The quota is unlimited.</li> <li>• 2: The default system quota is assigned.</li> </ul>
MailboxDn	String(36)	Read-Only	The distinguished name of the mailbox.
SynchScheduleObjectId	String(36)	Read-Only	The unique identifiers of the Schedule object to use for synchronization Calendar information from groupware (such as Exchange).
IsSetForVmEnrollment	Boolean	Read-Only	Temporary placeholder until IsVmEnrolled can be phased out.
SendBroadcastMsg	Boolean	Read/Write	A flag indicating whether the subscriber may send broadcast messages.  Values can be: <ul style="list-style-type: none"> <li>• False: Cannot send broadcast messages.</li> <li>• True: Can send broadcast messages.</li> </ul> Default value: False

Parameter	Data Type	Operations	Comments
UpdateBroadcastMsg	Boolean	ReadWrite	<p>A flag indicating whether the subscriber has the ability to update broadcast messages that are active or will be active in the future.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Cannot update broadcast messages.</li> <li>• True: Can update broadcast messages.</li> </ul> <p>Default value: False</p>
ConversationVUI	Boolean	ReadWrite	The VUI conversation assigned to the subscriber.
SpeechCompleteTimeout	Integer	ReadOnly	Specifies the required length of silence (in milliseconds) following user speech before the recognizer finalizes a result.
SpeechIncompleteTimeout	Integer	ReadOnly	Specifies the required length of silence (in milliseconds) from when the speech prior to the silence matches an active grammar.
UseVui	Boolean	ReadWrite	<p>A flag indicating whether the speech recognition conversation is the default conversation for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Speech recognition conversation is not default conversation for the subscriber.</li> <li>• True: Speech recognition conversation is the default conversation for the subscriber.</li> </ul> <p>Default value: False</p>
SkipPasswordForKnownDevice	Boolean	ReadWrite	<p>A flag indicating whether the subscriber will be asked for his/her PIN when attempting to sign-in from a known device.</p> <p>Default value: False</p>
JumpToMessagesOnLogin	Boolean	ReadWrite	<p>A flag indicating whether the subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Subscriber conversation does not jump directly to first message in the message stack after subscriber sign-in.</li> <li>• True: Subscriber conversation jumps directly to the first message in the message stack after subscriber sign-in.</li> </ul> <p>Default value: True</p>

Parameter	Data Type	Operations	Comments
EnableMessageLocator	Boolean	Read/Write	<p>A flag indicating whether the message locator feature is enabled for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Message locator feature is disabled for subscriber.</li> <li>• True: Message locator feature is enabled for subscriber.</li> </ul> <p>Default value: False</p>
MessageAgingPolicyObjectId	String(36)	Read-Only	The unique identifier of the MessageAgingPolicy object that applies to the mailbox created for a new subscriber created with this template.
AssistantRowsPerPage	Integer	Read-Only	This controls the number of entries to display per page for all tables in the Unity Assistant, e.g. the Private List Members table.
InboxMessagesPerPage	Integer	Read-Only	The number of messages Unity Inbox displays in a page.
InboxAutoRefresh	Integer	Read-Only	The rate (in minutes) at which Unity Inbox performs a refresh.
InboxAutoResolveMessageRecipients	Integer	Read-Only	A flag indicating whether Cisco Unity Connection automatically resolves a recipient address entered in the To, Cc or Bcc fields to a subscriber or distribution list. Known as the "AutoResolve" feature.
PcaAddressBookRowsPerPage	Integer	Read-Only	Controls the number of matching entries the Address Book displays per page, when a search is performed. The Address Book is used across multiple PCA applications and so this setting applies globally.
PcaHomePage	String(36)	Read-Only	The Home Page is the first page that is displayed after logging in to the PCA.
EnableTts	Boolean	Read/Write	<p>A flag indicating whether TTS is enabled for the subscriber. Only relevant if TTS enabled in User's COS also.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: TTS is disabled for the subscriber.</li> <li>• True: TTS is enabled for the subscriber</li> </ul> <p>Default value: True</p>
ConfirmationConfidenceThreshold	Integer	Read-Only	Voice Recognition Confirmation Confidence Threshold.
AnnounceUpcomingMeetings	Integer	Read-Only	The amount ahead of time, in minutes, that Connection will warn the subscriber of upcoming meetings when the subscriber calls into the system.

Parameter	Data Type	Operations	Comments
SpeechConfidenceThreshold	Integer	Read-Only	When the engine matches a spoken phrase, it associates a confidence level with that conclusion. This parameter determines what confidence level should be considered a successful match. A higher value means the engine is will report fewer successful matches, but it will be more confident in the matches that it reports. Range: 0-100.
SpeechSpeedVsAccuracy	Integer	Read-Only	Sets accuracy and performance of speech.
SpeechSensitivity	Integer	Read-Only	A variable level of sound sensitivity that enables the speech engine to filter out background noise and not mistake it for speech.
EnableVisualMessageLocator	Boolean	Read/Write	<p>A flag indicating whether the visual message locator feature is enabled for the subscriber. The visual message locator feature presents a list of messages on the subscriber's IP phone display for the subscriber to select from visually.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Visual message locator feature disabled for subscriber.</li> <li>• True: Visual message locator feature enabled for subscriber.</li> </ul> <p>Default value: False</p>
ContinuousAddMode	Boolean	Read/Write	<p>A flag indicating whether when addressing, after entering one recipient name, whether the subscriber is asked to enter another name or assume the subscriber is finished adding names and is ready to move on to recording the message or applying message options.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Unity Connection prompts subscribers to press 1 to add more recipients.</li> <li>• True: Unity Connection does not prompt subscribers to press 1 to add more recipients. Instead, subscribers continue entering recipient names or extensions (as applicable) until they indicate that they have completed addressing.</li> </ul> <p>Default value: False</p>
NameConfirmation	Boolean	Read/Write	<p>Whether voice name of the user or distribution list is played or not.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: No voice name played.</li> <li>• True: Voice name of subscriber or DL is played.</li> </ul> <p>Default value: False</p>

Parameter	Data Type	Operations	Comments
CommandDigitTimeout	Integer(4)	Read-Only	The amount of time (in milliseconds) between digits on a multiple digit menu command entry (i.e. different than the inter digit timeout that is used for strings of digits such as extensions and transfer strings).  Default value: 1500 Range: 250-5000
SaveMessageOnHangup	Boolean	Read/Write	A flag indicating when hanging up while listening to a new message, whether the message is marked new again or is marked read.  Values can be: <ul style="list-style-type: none"> <li>• False: Message is marked new again.</li> <li>• True: Message is marked read.</li> </ul> Default value: False
SkipForwardTime	Integer(4)	Read-Only	Indicates the amount of time (in milliseconds) to jump forward when skipping ahead in a voice or TTS message using either DTMF or voice commands while reviewing messages.  Default Value: 5000 Range: 1000-60000
SkipReverseTime	Integer(4)	Read-Only	Indicates the amount of time (in milliseconds) to jump backward when skipping in reverse in a voice or TTS message using either DTMF or voice commands while reviewing messages.  Default Value: 5000 Range: 1000-60000
UseShortPollForCache	Boolean	Read-Only	A flag indicating whether the user's polling cycle for retrieving calendar information will be the shorter "power user" polling cycle.  Values can be: <ul style="list-style-type: none"> <li>• False: The subscriber's polling cycle is determined by the system default polling cycle. (default value) (System configuration setting "Normal Calendar Caching Poll Interval").</li> <li>• True: The shorter "power user" polling cycle is used. (System configuration setting "Short Calendar Caching Poll Interval").</li> </ul> Default value: False
SearchByExtensionSearchSpaceObjectid	String(36)	Read-Only	The unique identifier of the SearchSpace which is used to limit the visibility to dialable/addressable objects when searching by extension (dial string).

Parameter	Data Type	Operations	Comments
SearchByNameSearchSpaceObjectId	String(36)	Read-Only	The unique identifier of the SearchSpace which is used to limit the visibility to dilatable/addressable objects when searching by name (character string).
PartitionObjectId	String(36)	Read/Write	The unique identifier of the Partition to which a subscriber's DtmfAccessId created with this template will be assigned.
UseDynamicNameSearchWeight	Boolean	Read-Only	Use dynamic name search weight. When this user addresses objects, the name search weight for those objects will automatically be incremented.
LdapCcmPkid	String(36)	Read/Write	The pkid of associated end user in the sleeping SeaDragon database.
LdapType	Integer	Read-Only	The LDAP configuration information for the user.
FaxServerObjectId	String(36)	Read-Only	The unique identifier of the FaxServer object for the subscriber.
LdapCcmUserId	String(36)	Read-Only	The userid of associated end user in the sleeping SeaDragon database.
XferString	String(36)	Read-Only	Alternate transfer option.
EnableMessageBookmark	Boolean	Read/Write	<p>A flag indicating whether Message Bookmark is enabled for the subscriber.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Message Bookmark feature is disabled for subscriber.</li> <li>• True: Message Bookmark feature is enabled for subscriber.</li> </ul> <p>Default value: False</p>
SayTotalDraftMsg	Boolean	Read/Write	<p>A flag indicating whether Cisco Unity Connection announces the total number of draft messages in the subscriber mailbox.</p> <p>Values can be:</p> <ul style="list-style-type: none"> <li>• False: Do not announce total number of draft messages.</li> <li>• True: Announce the total number of draft messages in the subscriber mailbox.</li> </ul> <p>Default value: False</p>



Parameter	Data Type	Operations	Comments
EnableSaveDraft	Boolean	Read/Write	A flag indicating whether the save draft message feature is enabled for the subscriber.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not save draft messages.</li> <li>• True: Save draft messages.</li> </ul> Default value: False
RetainUrgentMessageFlag	Boolean	Read/Write	Urgent message flag on a message is retained for both reply and forward message actions.  Default value: False
SayMessageLength	Boolean	Read/Write	A flag indicating whether Cisco Unity Connection announces the length of each message during message playback.  Default value: False
CreateSmtpProxyFromCorp	Boolean	Read/Write	SMTP proxy address matching the corporate e-mail address created for user.
AutoAdvanceMsgs	Boolean	Read-Only	A flag indicating that the conversation will, during playback, advance to the next message in the playback stack automatically after it is done playing the after message menu.  Values can be: <ul style="list-style-type: none"> <li>• False: Do not automatically skip to the next message after playing the after message menu once.</li> <li>• True: Do advanced automatically to the next message after playing the after message menu once.</li> </ul> Default value: False
SaySenderAfter	Boolean	Read-Only	This flag works exactly the same as the SaySender flag on a user, except the conversation plays the sender in the message footer.  Default value: False
SaySenderExtensionAfter	Boolean	Read-Only	This flag works exactly the same as the SaySenderExtension flag on a user, except the conversation plays the sender's extension in the message footer.  Default value: False
SayMsgNumberAfter	Boolean	Read-Only	This flag works exactly the same as the SayMsgNumber flag on a user, except the conversation plays the message number in the message footer.  Default value: False

Parameter	Data Type	Operations	Comments
SayAniAfter	Boolean	Read-Only	This flag works exactly the same as the SayAni flag on a user, except the conversation plays the ani in the message footer. Default value: False
SayMessageLengthAfter	Boolean	Read-Only	This flag works exactly the same as the SayMessageLength flag on a user, except the conversation plays the message length in the message footer. Default value: False