

Links to Other API pages: [Cisco Unity Connection APIs](#)

| |
|---|
| CUPI Guide Contents |
| API Overview |
| Index of All CUPI Documentation |

Contents

- [1 User Template Notification Devices](#)
 - ◆ [1.1 Pager](#)
 - ◇ [1.1.1 Explanation of Fields: Pager](#)
 - ◆ [1.2 Phone Devices](#)
 - ◆ [1.3 HTML Devices](#)
 - ◇ [1.3.1 Explanation of Fields: HTML Device](#)
 - ◆ [1.4 SMTP Devices](#)
 - ◇ [1.4.1 Explanation of fields: SMTP Devices](#)
 - ◆ [1.5 Creating a new Notification device](#)

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>/usertemplatenotificati
```

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/<usertemplateobjectid>/usertemplatenotificationdevices/usertemplatenotificationdeviceobjectid
```

Request Body: Updating Pager

```
<UserTemplatePagerDevice>  
<Active>true</Active>  
<DisplayName>Pager1</DisplayName>  
<InitialDelay>1</InitialDelay>  
<RepeatNotify>true</RepeatNotify>  
<RepeatInterval>1</RepeatInterval>  
<EventList>AllMessage</EventList>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_User_Template_Notification_Devices

```
<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://<connectionserver>/vmrestvmrest/usertemplates/<usertemplateobjectid>/usertemplatenotificationdeviceobjectid/usertemplatepagerdevices/<usertemplatenotificationdeviceobjectid>
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/6164ac2d-e8ec-441a-93a0-95f8e18a655c/usertemplatenotificationdeviceobjectid/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 | Operations | Data Type | Comments |
|--------------------|------------|------------|--|
| Device Name | Data Type | Operation | Comment |
| 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. |
| EventList | String | Read/Write | Values can be: <ul style="list-style-type: none"> • All messages: AllMessage • All message urgent only: AllUrgentMessage • All Voice messages: NewVoiceMail • All voice message urgent only: NewUrgentVoiceMai • Dispatch messages: DispatchMessage • Dispatch message urgent only: UrgentDispatchMessage • Fax messages: NewFax • Fax messages urgent only: NewUrgentFax • All voice messages and fax message urgent only: NewUrgentFax,NewVoiceMail • All voice message urgent only and fax message: NewUrgentFax,NewUrgentVoiceMail • Fax message and all voice message: NewFax,NewVoiceMail |
| 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(4) | Read/Write | 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(4) | Read/Write | The amount of time (in minutes) from the time a message is received until the message notification |

| | | | |
|----------------------|---------|------------|---|
| | | | triggers (if the message matches the criteria). Default Value: 0 Range: 0-120 |
| 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/usertemplates/<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/usertempla
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 | Operations | Data Type | Comments |
|---------------------------------|------------|------------|---|
| Device Name | 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. |
| 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>/vmrest/usertemplates/<usertemplateobjectid>/usertemplatenotificati
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_User_Template_Notification_Devices

```
Request Body: SMTP Devices
<UserTemplateSntpDevice>
<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>
</UserTemplateSntpDevice>
```

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 | Operations | Data Type | Comments |
|----------------|------------|------------|--|
| Device Name | Data Type | Operation | Comment |
| Active | Boolean | Read/Write | Enable SMTP notification device. SMTP address is mandatory to enable it. Default value: False |
| SntpAddress | 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 |
| EventList | String | Read/Write | Values can be: <ul style="list-style-type: none"> • All messages: AllMessage • All message urgent only: AllUrgentMessage • All Voice messages: NewVoiceMail • All voice message urgent only: NewUrgentVoiceMai • Dispatch messages: DispatchMessage • Dispatch message urgent only: UrgentDispatchMessage • Fax messages: NewFax • Fax messages urgent only: NewUrgentFax • All voice messages and fax message urgent only: NewUrgentFax,NewVoiceMail • All voice message urgent only and fax message: NewUrgentFax,NewUrgentVoiceMail • Fax message and all voice message: NewFax,NewVoiceMail |

| | | | |
|--------------|---------|------------|--|
| | | | <ul style="list-style-type: none"> • Calendar Appointment: CalendarAppointment • Calendar meeting: CalendarMeeting |
| PhoneNumber | 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 |
| 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>/usertemplatenotificationdevices/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>/usertemplatenotificationdevices/<objectid>
```

NOTE: Phone system Id is mandatory to create pager device.