

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

<b>CUPI Guide Contents</b>
<a href="#">API Overview</a>
<a href="#">Index of All CUPI Documentation</a>

## 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
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/usertemplatnotificationdeviceobjectid",
  "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"> <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(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/<user-template-object-id>/user-templatenotificationdevices/user-templates/<user-template-notification-device-object-id>
```

## 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
<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	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
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
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> </ul>

			<ul style="list-style-type: none"> <li>• Calendar Appointment: CalendarAppointment</li> <li>• Calendar meeting: CalendarMeeting</li> </ul>
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.