



Cisco Unity Connection Provisioning Interface (CUPI) API -- For End Users -- HTML Notification Devices

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About HTML Notification Devices (in Cisco Unity Connection 9.0(1) and Later)

Cisco Unity Connection Provisioning Interface (CUPI) API allows users to view list of Html Notification Devices, a specific notification device or modify an existing HTML Notification Device.

Listing HTML Notification Devices

The following is an example of the GET request that lists the HTML notification devices for a user:

```
GET https://<connection-server>/vmrest/user/notificationdevices/htmldevices
```

The following is an example of the response from the above GET request and the actual response will depend upon the information given by you:

```

<HtmlDevices>
  <HtmlDevice>

<URI>/vmrest/user/notificationdevices/htmldevices/f00be19d-656c-411b-aa6e-1d4fe0390a5a</URI>

  <Active>>true</Active>
  <DeviceName>HTML</DeviceName>
  <DisableMobileNumberFromPCA>>false</DisableMobileNumberFromPCA>
  <DisplayName>HTML_Missed_Call</DisplayName>
  <NotificationTemplateID>74bcb8a5-7506-4e13-bb4f-ebbd74f3ff5</NotificationTemplateID>

  <ObjectID>f00be19d-656c-411b-aa6e-1d4fe0390a5a</ObjectID>
  <SmtpAddress>xyz@cisco.com</SmtpAddress>
  <Undeletable>>true</Undeletable>
  <SubscriberObjectID>f70379df-f952-4868-9981-cff387b52abf</SubscriberObjectID>
  <DisableTemplateSelectionFromPCA>>false</DisableTemplateSelectionFromPCA>
  <AllowVoiceMailAsAttachment>>false</AllowVoiceMailAsAttachment>
  <MessageCountInSummary>10</MessageCountInSummary>
</HtmlDevice>
----
</HtmlDevices>

```

Listing an HTML Notification Device for a User

The following is an example of the GET request that lists a particular html notification device for the end user represented by <device-object-id>:

```

GET
https://<connection-server>/vmrest/user/notificationdevices/htmldevices/<device-object-id>

```

The following is the response from the above GET request and the actual result will depend upon the information provided by you:

```

<HtmlDevice>

<URI>/vmrest/user/notificationdevices/htmldevices/a3b60dec-6a2d-433d-9fa4-9e2b784c8dc8</URI>

  <Active>>true</Active>
  <DeviceName>HTML</DeviceName>
  <DisableMobileNumberFromPCA>>false</DisableMobileNumberFromPCA>
  <DisplayName>HTML_Scheduled_Summary</DisplayName>
  <NotificationTemplateID>f2904a86-8619-434c-88d2-42627f2c6e5f</NotificationTemplateID>
  <ObjectID>a3b60dec-6a2d-433d-9fa4-9e2b784c8dc8</ObjectID>
  <SmtpAddress>xyz@cisco.com</SmtpAddress>
  <Undeletable>>true</Undeletable>
  <SubscriberObjectID>f70379df-f952-4868-9981-cff387b52abf</SubscriberObjectID>
  <UserURI>/vmrest/user</UserURI>
  <DisableTemplateSelectionFromPCA>>false</DisableTemplateSelectionFromPCA>
  <AllowVoiceMailAsAttachment>>false</AllowVoiceMailAsAttachment>
  <MessageCountInSummary>10</MessageCountInSummary>
  <EventList/>
  <ScheduleSetObjectID>b924bde7-1bfa-4b1e-b224-af4a8eb7089e</ScheduleSetObjectID>
  <SendScheduledNotificationAt/>
</HtmlDevice>

```

Modifying an HTML Notification Device for User

This PUT request allows user to apply an HTML-based notification template with an HTML notification device. The user can perform this action if the template selection rights are given by administrator. The following is an example of PUT request:

```
PUT
https://<connection-server>/vmrest/user/notificationdevices/htmldevices/<device-object-id>
```

The input for the PUT request will be XML or JSON as per HtmlDevice schema. The output for this request returns the successful response code.

```
<HtmlDevice>
  <NotificationTemplateID>103c4514-db6e-489b-bc08-e9e131b60099</NotificationTemplateID>
</HtmlDevice>
```

Configuring Schedule Notification

Cisco Unity Connection allows the user to receive schedule notification in 24 hours format (hh:mm). The time at which a user wants to receive scheduled notifications can be listed/configured using <SendScheduledNotificationAt> tag. User can configure multiple time-slots using comma in the separated values. The schedules mentioned in this tag would overwrite all the existing schedules. In order to delete all existing schedules, provide an empty <SendScheduledNotificationAt> tag.

The following is an example of the PUT request that modifies the Schedule notification for the user as represented by <SendScheduledNotificationAt>:

```
PUT
https://<connection-server>/vmrest/user/<user-object-id>/notificationdevices/htmldevices/<device-object-id>
```

The following is the response of above PUT request.

```
Response Code: 204 OK
```

```
<HtmlDevice>

<URL>/vmrest/user/a3ab2df0-f16c-405f-afdf-394495acf000/notificationdevices/htmldevices/856c8ce9-d7dd-4623-888b-8d14874061af</URL>

  <Active>True</Active>
  <DeviceName>HTML</DeviceName>
  <DisplayName>HTMLDevice1</DisplayName>
  <NotificationTemplateID>3be2bd9e-114b-4103-a724-4e6c908d7c86</NotificationTemplateID>
  <ObjectId>856c8ce9-d7dd-4623-888b-8d14874061af</ObjectId>
  <SubscriberObjectId>a3ab2df0-f16c-405f-afdf-394495acf000</SubscriberObjectId>
  <SendScheduledNotificationAt>10:15,23:00 </SendScheduledNotificationAt>
  <EventList>NewVoiceMail</EventList>
</HtmlDevice>
```

JSON Example

```
PUT vmrest/user/<user-object-id>/notificationdevices/htmldevices/<device-object-id>?jsonp=1
```

```
{
  "Active":"false",
  "DisplayName":"HTML",
  "NotificationTemplateID":"3be2bd9e-114b-4103-a724-4e6c908d7c86",
  "EventList":"NewMissedCall",
  "SendScheduledNotificationAt":"9:00"
}
```

Response Code: 204 OK

The following is an example of the PUT request that deletes all the existing schedules by representing the empty <SendScheduledNotificationAt> tag:

```
<HtmlDevice>
  <Active>True</Active>
  <DisplayName>HTMLDevice1</DisplayName>
  <NotificationTemplateID>3be2bd9e-114b-4103-a724-4e6c908d7c86</NotificationTemplateID>
  <ObjectId>856c8ce9-d7dd-4623-888b-8d14874061af</ObjectId>
  <EventList>None</EventList>
  <SendScheduledNotificationAt></SendScheduledNotificationAt>
</HtmlDevice>
```

Response Code : 204 Ok

JSON Example

```
{
  "Active":"false",
  "DisplayName":"HTML",
  "NotificationTemplateID":"3be2bd9e-114b-4103-a724-4e6c908d7c86",
  "EventList":"NewMissedCall",
  "SendScheduledNotificationAt":""
}
```

Response Code : 204 Ok

Explanation of Data Fields

The following chart lists all of the data fields available on HTML Notification Devices.

Field Name	Device Type	Writable?	Explanation
ObjectId	All	Read-only	ObjectId of the Device
Type	Base	Read-only	Auto-set during Create. 1=Phone, 2=Pager, 4=SMTP, 8=HTML
Active	All	Read/Write	Factory default=false. For newly-created, default=true
DeviceName	All	Read/Write	Friendly name for the Device type (not shown in CUCA or CPCA). Default="Other"

Field Name	Device Type	Writable?	Explanation
DisplayName	All	Read/Write	Friendly name for the Device like "Mobile Phone"
EventList	All	Read/Write	Comma-delimited list of Events that trigger Notification, Default=NewVoiceMail
InitialDelay	All	Read/Write	Time in minutes to wait after a Message is received before Notification is triggered. Default=0
RepeatInterval	All	Read/Write	Time in minutes to wait before re-notifying of messages. Default=0
RepeatNotify	All	Read/Write	Flags if Notification process should begin for each newly arrived message. Default=false
ScheduleSetObjectId	All	Read/Write	ObjectId of the ScheduleSet during which Notification may trigger. Default=AllHours
SendPcaLink	Base, SMTP	Read/Write	Flag to include a link to CPCA in the Notification message. Default=false
SmtptAddress	Base, SMTP	Read/Write	SMTP address to send the Notification message to
SubscriberObjectId	All	Read-only	ObjectId of the User
Undeletable	All	Read-only	Factory default=true. For newly-created, default=false
SendScheduledNotificationAt	HTML	Read/Write	Timeslot(s) at which user wants to receive scheduled notification
MessageCountInSummary	HTML	Read/Write	Specify maximum number of messages to be listed in summary notification mail

The EventList field is a comma-delimited list of Message types which could trigger Notification. It can contain any of the following values.

Event Name	Description
None	No messages of any type or urgency
NewVoiceMail	All voicemail messages
NewUrgentVoiceMail	All urgent voicemail messages
NewMissedCall	Missed Call



Note You can not add any other event with None and NewMissedCal event.
