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Message Waiting Indicator (MWI) Settings API

Listing All MWIs

GET <https://<connection-server>/vmrest/users/<user-objectid>/mwis>

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

```
<Mwis total="1">
  <Mwi>
    <URI>/vmrest/users/4d5df6e3-a036-4f16-8f1e-d48e7e9b73c1/mwis/2c07a9ca-c041-4dfa-b0d1-7f633883a1b7</URI>
    <SubscriberObjectId>4d5df6e3-a036-4f16-8f1e-d48e7e9b73c1</SubscriberObjectId>
    <UserURI>/vmrest/users/4d5df6e3-a036-4f16-8f1e-d48e7e9b73c1</UserURI>
    <ObjectId>2c07a9ca-c041-4dfa-b0d1-7f633883a1b7</ObjectId>
    <DisplayName>MWI-1</DisplayName>
    <MwiExtension>99999</MwiExtension>
    <MwiOn>>false</MwiOn>
    <MediaSwitchObjectId>ec1e2636-fc14-44fc-8cda-d6c1a3d61150</MediaSwitchObjectId>
    <PhoneSystemURI>/vmrest/phonesystems/ec1e2636-fc14-44fc-8cda-d6c1a3d61150</PhoneSystemURI>
    <IncludeTextMessages>>false</IncludeTextMessages>
    <IncludeVoiceMessages>>true</IncludeVoiceMessages>
    <IncludeFaxMessages>>false</IncludeFaxMessages>
    <Active>>true</Active>
    <UsePrimaryExtension>>true</UsePrimaryExtension>
    <MediaSwitchDisplayName>PhoneSystem</MediaSwitchDisplayName>
  </Mwi>
</Mwis>
```

Response Code: 200

Listing Details of a Specific MWI

GET <https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>>

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

```
<Mwi>
  <URI>/vmrest/users/9375d893-c8eb-437b-90bf-7de4b1d0c3e8/mwis/1a231793-7168-44aa-8657-aa40eda67481
  <SubscriberObjectId>9375d893-c8eb-437b-90bf-7de4b1d0c3e8</SubscriberObjectId>
  <UserURI>/vmrest/users/9375d893-c8eb-437b-90bf-7de4b1d0c3e8</UserURI>
  <ObjectId>1a231793-7168-44aa-8657-aa40eda67481</ObjectId>
  <DisplayName>MWI</DisplayName>
  <MwiExtension>99934</MwiExtension>
  <MwiOn>>false</MwiOn>
  <MediaSwitchObjectId>ec1e2636-fc14-44fc-8cda-d6c1a3d61150</MediaSwitchObjectId>
  <PhoneSystemURI>/vmrest/phonesystems/ec1e2636-fc14-44fc-8cda-d6c1a3d61150</PhoneSystemURI>
  <IncludeTextMessages>>false</IncludeTextMessages>
  <IncludeVoiceMessages>>true</IncludeVoiceMessages>
  <IncludeFaxMessages>>false</IncludeFaxMessages>
  <Active>>true</Active>
  <UsePrimaryExtension>>true</UsePrimaryExtension>
  <MediaSwitchDisplayName>PhoneSystem</MediaSwitchDisplayName>
</Mwi>
```

Response Code: 200

JSON Example

GET https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>

Accept: application/json

Connection: keep-alive

```
{
  "URI": "/vmrest/users/53c84cf9-c8fe-4dd5-a295-b648b72b5a2c/mwis/810ce62e-eeec-4f47-85bd-68c69a7bca66"
  "SubscriberObjectId": "53c84cf9-c8fe-4dd5-a295-b648b72b5a2c"
  "UserURI": "/vmrest/users/53c84cf9-c8fe-4dd5-a295-b648b72b5a2c"
  "ObjectId": "810ce62e-eeec-4f47-85bd-68c69a7bca66"
  "DisplayName": "MWI-1"
  "MwiExtension": "99999"
  "MwiOn": "false"
  "MediaSwitchObjectId": "e912b134-1bd0-45f9-baae-9f1e096ae3b9"
  "PhoneSystemURI": "/vmrest/phonesystems/e912b134-1bd0-45f9-baae-9f1e096ae3b9"
  "IncludeTextMessages": "false"
  "IncludeVoiceMessages": "true"
  "IncludeFaxMessages": "false"
  "Active": "true"
  "UsePrimaryExtension": "true"
  "MediaSwitchDisplayName": "PhoneSystem"
}
```

Response Code: 200

Create a New MWI

The mandatory fields for creation of a MWI are DisplayName, MediaSwitchObjectId, and MwiExtension. URI for getting MediaswitchObjectId:

GET https://<connection-server>/vmrest/phonesystems

POST https://<connection-server>/vmrest/users/<user-objectid>/mwis

```
<Mwi>
  <DisplayName>MWI-1</DisplayName>
  <MwiExtension>9997</MwiExtension>
```

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```
<MediaSwitchObjectId>ec1e2636-fc14-44fc-8cda-d6c1a3d61150</MediaSwitchObjectId>
</Mwi>
```

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/users/f82b301d-1ec8-44c6-a3ee-0012269439bf/mwis/a9159ac7-3857-480c-917d-0c599a32fc03
```

JSON Example:

To create MWI

```
POST https://<connection-server>/vmrest/users/<user-objectid>/mwis
Accept: application/json
Content-type: application/json
Connection: keep-alive
Request Body:-
{
  "DisplayName":"MWI-1",
  "MwiExtension":9997",
  "MediaSwitchObjectId":"ec1e2636-fc14-44fc-8cda-d6c1a3d61150"
}
```

```
Response Code: 201
/vmrest/users/f82b301d-1ec8-44c6-a3ee-0012269439bf/mwis/a9159ac7-3857-480c-917d-0c599a32fc03
```

Update a MWI

```
PUT https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>
```

```
<Mwi>
  <Active>true</Active>
  <DisplayName>MWI</DisplayName>
  <MwiExtension>9997</MwiExtension>
  <MwiOn>false</MwiOn>
  <UsePrimaryExtension>true</UsePrimaryExtension>
</Mwi>
```

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 MWI

```
PUT https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>
Accept: application/json
Content-type: application/json
Connection: keep-alive
Response Body:
{
  "DisplayName":"NEW_MWI",
  "UsePrimaryExtension":true"
}
```

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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 a MWI

```
DELETE https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>
```

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

```
DELETE https://<connection-server>/vmrest/users/<user-objectid>/mwis/<mwi-objectid>
Accept: 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

| Field Name | Data Type | Operations | Description |
|---------------------|------------|------------|--|
| Active | Boolean | Read/Write | Flag indicate whether MWI is enabled or not. Possible values: <ul style="list-style-type: none">• true means that it is active and the MWI will be turned on/off by the notifier.• false Default value: false (except the default MWI) |
| DisplayName | String(64) | Read/Write | The unique text name of this notification MWI to be used when displaying entries in the administrative console, e.g. Cisco Unity Connection Administration. For example, "Office Phone" or " Lab Phone". |
| MwiExtension | String | Read/Write | The phone number (extension) of the MWI to activate.NULL means use the subscriber's extension. |
| MediaSwitchObjectId | String(36) | Read/Write | The unique identifier of the MediaSwitch object to use for activating/deactivating the MWI. |

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| | | | |
|------------------------|------------|------------|--|
| MwiOn | Boolean | Read/Write | <p>A flag indicating whether the MWI is on or off. This is the state of the MWI from the perspective of Cisco Unity Connection.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • false: MWI is off • true: MWI is on <p>Default value: false</p> |
| UsePrimaryExtension | Boolean | Read/Write | <p>A flag indicating that the primary extension of the subscriber should be used.</p> <ul style="list-style-type: none"> • true: Use Inherit Extension • false: Do not use Inherit Extension <p>Default value: false (but its true for default MWI)</p> |
| IncludeTextMessages | Boolean | Read/Write | <p>A flag indicating whether the MWI should be set for a text message.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • false: Do not set MWI for text message. • true: Set MWI for text message. <p>Default value: false</p> |
| IncludeVoiceMessages | Boolean | Read/Write | <p>A flag indicating whether the MWI should be set for a voice message.</p> <p>Possible values: false: Do not set MWI for voice message. true: Set MWI for voice message. Default Value: true</p> |
| IncludeFaxMessages | Boolean | Read/Write | <p>A flag indicating whether the MWI should be set for a FAX message.</p> <p>Possible values:</p> <ul style="list-style-type: none"> • false: Do not set MWI for fax message. • true: Set MWI for fax message. <p>Default value: false</p> |
| MediaSwitchDisplayName | String | Read/Write | Name of phone system associated with the user. |
| ObjectId | String(36) | Read Only | A globally unique, system-generated identifier for a MWI object. |