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## About Voice Names

Many objects available via the CUPI interface have a voice name field. There are two ways to access the voice name for these objects:

- For Connection versions 7.x and 8.0.x the voice names are accessed by using the VoiceFileURI. Modifying the voice name as a voice file requires a three step process as detailed below.
- For Connection versions 8.5 and later the voice name access has been simplified so that it can be accessed by using a VoiceNameURI. This new URI is a standard sub-resource of the primary resource URI (see example below). Modifying the voice name by using the new URI reduces the three step process to a single step. The old VoiceFileURI still works in the later versions of Connection, but use of the new URI is easier.

`http://<server>/users/<user object id>/voicename)`

## Listing and Viewing

### Voice Name GET for Connection 8.5 and Later

Use the standard VoiceNameURI directly to get the file:

GET `http://<connection-server>/vmrest/<resource>/<resource id>/voicename`

The response will return the audio/wav data for the voice name.

## Voice Name GET for Connection 7.x and 8.0.x

First get the primary resource to find out the voice file URI, then use the VoiceFileURI to get the file:

```
GET http://<connection-server>/vmrest/voicefiles/<voice file name>
```

The response will return the audio/wav data for the voice name.

## Setting Voice Names

### Setting a Voice Name in Connection 8.5 and Later

PUT the audio data directly to the standard resource voice name URI:

```
PUT /vmrest/<object>/<object id>/voicename
```

```
content is audio/wav data
```

The response is a 204 indicating that the content has been accepted and copied into the temporary file.

### Setting a Voice Name in Connection 7.x and 8.0.x

To create a voice name for a resource is a three step process.

Step 1: A place-holder for the WAV file must be created with a POST. This is a temporary file place-holder that can be used for up to 30 minutes. If it is not used within 30 minutes (assigned to a resource), the file is assumed to be abandoned and is automatically cleaned.

```
POST /vmrest/voicefiles
```

The response code is 201 and the content is the name of the newly created temporary file.

Step 2: Use the temporary file name to PUT the new audio data. The HTTP content type is "audio/wav" and the payload content is the audio data.

```
PUT /vmrest/voicefiles/<temporary file name>
```

The response is a 204 indicating that the content has been accepted and copied into the temporary file.

Step 3: Set the voicename field of the target resource to the temporary file name. See the example for a user below:

```
PUT /vmrest/users/<user object id>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<User>
<VoiceName>temporary file name</VoiceName>
</User>
```