

# IVR

- [View IVR settings](#)
- [View IVR settings from path](#)

## View IVR settings

Available in 14 starting with 14.10

**Resource URI:** `/ivr/settings`

**Default Resource Properties:**

The resource is represented by the following properties when the GET request is performed:

Property	Description
path	Path to the setting.
type	Setting type. Possible options are string, boolean or enum.
options	Available setting options.
value	The current selected option of the setting.
defaultValue	The default value of the setting.
label	Setting label.
description	Short description provided by the user.

**Specific Response Codes:** N/A

**HTTP Method:** GET

Retrieves all the IVR settings.

**Example:** XML format

```
<Settings>
<Setting>
<path>ivr/log.level</path>
<type>enum</type>
<options>
<entry>
<key>NOTICE</key>
</entry>
<entry>
<key>CRIT</key>
</entry>
<entry>
<key>EMERG</key>
</entry>
<entry>
<key>WARNING</key>
</entry>
</entry>
</Setting>
</Settings>
```

```
<key>ERR</key>
</entry>
<entry>
<key>INFO</key>
</entry>
<entry>
<key>ALERT</key>
</entry>
<entry>
<key>DEBUG</key>
</entry>
</options>
<value>NOTICE</value>
<defaultValue>NOTICE</defaultValue>
<label>Logging Level</label>
</Setting>
<Setting>
<path>ivr/audio.format</path>
<type>enum</type>
<options>
<entry>
<key>mp3</key>
</entry>
<entry>
<key>wav</key>
</entry>
</options>
<value>wav</value>
<defaultValue>wav</defaultValue>
<label>Voicemail encoding format</label>
<description>The encoding format to be used for storing voicemails</description>
</Setting>
<Setting>
<path>ivr/record.rate</path>
<type>enum</type>
<options>
<entry>
<key>8000</key>
</entry>
<entry>
```

```
<key>16000</key>
</entry>
</options>
<value>8000</value>
<defaultValue>8000</defaultValue>
<label>Record rate</label>
<description>Rate (in Hz) to be used for recording voicemails</description>
</Setting>
<Setting>
<path>ivr/record.time</path>
<type>integer</type>
<value>300</value>
<defaultValue>300</defaultValue>
<label>Time limit</label>
<description>Maximum duration (in seconds) of the voicemail recording.</description>
</Setting>
<Setting>
<path>ivr/fax.format</path>
<type>enum</type>
<options>
<entry>
<key>pdf</key>
</entry>
<entry>
<key>tiff</key>
</entry>
</options>
<value>pdf</value>
<defaultValue>pdf</defaultValue>
<label>Fax Format</label>
<description>The file format for receiving faxes</description>
</Setting>
<Setting>
<path>ivr/ivr.publicHttpPort</path>
<type>integer</type>
<value>8085</value>
<defaultValue>8085</defaultValue>
<label>Public HTTP port</label>
</Setting>
<Setting>
```

```
<path>ivr/ivr.httpPort</path>
<type>integer</type>
<value>8086</value>
<defaultValue>8086</defaultValue>
<label>HTTP port</label>
</Setting>
<Setting>
<path>ivr/ivr.voiceMailExpiry</path>
<type>integer</type>
<value>7</value>
<defaultValue>7</defaultValue>
<label>Voice Mail expiration</label>
<description>The number of days a voice mail message in the Trash folder is retained.</description>
</Setting>
<Setting>
<path>ivr/ivr.mwiTimeout</path>
<type>integer</type>
<value>5</value>
<defaultValue>5</defaultValue>
<label>Notify timeout</label>
<description>Time (in seconds) to wait for MWI Notify response</description>
</Setting>
<Setting>
<path>ivr/ivr.updaterConnectTimeoutMS</path>
<type>integer</type>
<value>5000</value>
<defaultValue>5000</defaultValue>
<label>Database Connection timeout</label>
<description>Timeout (in milliseconds) for global database connection.</description>
</Setting>
<Setting>
<path>ivr/ivr.updaterSocketTimeoutMS</path>
<type>integer</type>
<value>5000</value>
<defaultValue>5000</defaultValue>
<label>Database Socket timeout</label>
<description>Timeout (in milliseconds) for global database socket.</description>
</Setting>
</Settings>
```

JSON format

```
{
settings:
0: {
path: "ivr/log.level"
type: "enum"
options: {
NOTICE: null
CRIT: null
EMERG: null
WARNING: null
ERR: null
INFO: null
ALERT: null
DEBUG: null
}-
value: "NOTICE"
defaultValue: "NOTICE"
label: "Logging Level"
description: null
}-
{
path: "ivr/audio.format"
type: "enum"
options: {
mp3: null
wav: null
}-
value: "wav"
defaultValue: "wav"
label: "Voicemail encoding format"
description: "The encoding format to be used for storing voicemails"
}-
{
path: "ivr/record.rate"
type: "enum"
options: {
8000: null
16000: null
}-
value: "8000"
```

```
defaultValue: "8000"
label: "Record rate"
description: "Rate (in Hz) to be used for recording voicemails"
}-
{
path: "ivr/record.time"
type: "integer"
options: null
value: "300"
defaultValue: "300"
label: "Time limit"
description: "Maximum duration (in seconds) of the voicemail recording."
}-
{
path: "ivr/fax.format"
type: "enum"
options: {
pdf: null
tiff: null
}
value: "pdf"
defaultValue: "pdf"
label: "Fax Format"
description: "The file format for receiving faxes"
}-
{
path: "ivr/ivr.publicHttpPort"
type: "integer"
options: null
value: "8085"
defaultValue: "8085"
label: "Public HTTP port"
description: null
}-
{
path: "ivr/ivr.httpPort"
type: "integer"
options: null
value: "8086"
defaultValue: "8086"
```

```
label: "HTTP port"
description: null
}-
{
path: "ivr/ivr.voiceMailExpiry"
type: "integer"
options: null
value: "7"
defaultValue: "7"
label: "Voice Mail expiration"
description: "The number of days a voice mail message in the Trash folder is retained."
}-
{
path: "ivr/ivr.mwiTimeout"
type: "integer"
options: null
value: "5"
defaultValue: "5"
label: "Notify timeout"
description: "Time (in seconds) to wait for MWI Notify response"
}-
{
path: "ivr/ivr.updaterConnectTimeoutMS"
type: "integer"
options: null
value: "5000"
defaultValue: "5000"
label: "Database Connection timeout"
description: "Timeout (in milliseconds) for global database connection."
}-
{
path: "ivr/ivr.updaterSocketTimeoutMS"
type: "integer"
options: null
value: "5000"
defaultValue: "5000"
label: "Database Socket timeout"
description: "Timeout (in milliseconds) for global database socket."
}-
-
```

}

**HTTP Method: PUT**

Updates the settings of the gateway. PUT data is plain text.

**HTTP Method: DELETE**

Deletes the settings of the gateway.

**Unsupported HTTP Method: POST**

## View IVR settings from path

Available in 14 starting with 14.10

**Resource URI:** `/ivr/setting/{pathToService}`

**Default Resource Properties:**

The resource is represented by the following properties when the GET request is performed:

Property	Description
setting	The ivr setting related information is similar to the one described under <code>/ivr/settings</code> .

**Specific Response Codes:** N/A

**HTTP Method: GET**

Retrieves the IVR settings from the specified path.

**Example:** XML format (The example below used the `log.level` path)

`<Setting>`

```
<path>ivr/log.level</path><type>enum</type><options><entry><key>NOTICE</key></entry><entry><key>CRIT</key></entry><entry><key>EMERG</key></entry><entry><key>WARNING</key></entry><entry><key>ERR</key></entry><entry><key>INFO</key></entry><entry><key>ALERT</key></entry><entry><key>DEBUG</key></entry></options><value>NOTICE</value><defaultValue>NOTICE</defaultValue><label>Logging Level</label></Setting>
```

JSON format

```
{"path": "ivr/log.level", "type": "enum", "options": {"NOTICE": null, "CRIT": null, "EMERG": null, "WARNING": null, "ERR": null, "INFO": null, "ALERT": null, "DEBUG": null}, "value": "NOTICE", "defaultValue": "NOTICE", "label": "Logging Level", "description": null}
```

**HTTP Method: PUT**

Updates the settings of the IVR. PUT data is plain text.

**HTTP Method: DELETE**

Deletes the settings of the gateway.

**Unsupported HTTP Method: POST**