

# Gateways Rest

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## View all gateways

Available in 14 starting with 14.10

**Resource URI:** /gateways

### Default Resource Properties:

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

Property	Description
id	Gateway unique identification number.
name	Gateway name.
description	Short description provided by the user.
model	The model related information is similar to the one described under /model.
enabled	Displays <b>True</b> if it is enabled or <b>False</b> if it is disabled.
address	Gateway address.
addressPort	Address port number.
outboundPort	Outbound port number.
addressTransport	
shared	
useInternalBridge	Displays <b>True</b> if it is enabled or <b>False</b> if it is disabled.
anonymus	Displays <b>True</b> if it is enabled or <b>False</b> if it is disabled.
ignoreUserInfo	
transformUserExtensions	
keepDigits	

**Specific Response Codes:** N/A

### HTTP Method: GET

Retrieves all the gateways in the database.

**Example:** XML version

```
<Gateways><Gateway>
<id>%s</id>
<name>myGateway</name>
"<description>myDesc</description>
<Model><modelId>acmeGatewayStandard</modelId>"
"<label>Acme1000</label>
<vendor>acme</vendor>
```

```

</Model>
<enabled>true</enabled>
<address>1.1.1.1</address>
<addressPort>0</addressPort>
"<outboundPort>5060</outboundPort>
<addressTransport>none</addressTransport>"
"<shared>true</shared>
<useInternalBridge>true</useInternalBridge>"
"<CallerAliasInfo><anonymous>false</anonymous>
<ignoreUserInfo>false</ignoreUserInfo>
<transformUserExtension>false</transformUserExtension>
<keepDigits>0</keepDigits>
</CallerAliasInfo>"
"</Gateway></Gateways>"

```

JSON format

```

{"gateways":[{"id":"%s","name":"myGateway","serialNo":null,"deviceVersion":null,"description":"myDesc","
"model":{"modelId":"acmeGatewayStandard","label":"Acme 1000","vendor":"acme","
"versions":null},"enabled":true,"address":"1.1.1.1","addressPort":0,"outboundAddress":null,"outboundPort":5060,"
"addressTransport":"none","prefix":null,"shared":true,"useInternalBridge":true,"branch":null,"
"callerAliasInfo":{"defaultCallerAlias":null,"anonymous":false,"ignoreUserInfo":false,"transformUserExtension":false,"
"addPrefix":null,"keepDigits":0,"displayName":null,"urlParameters":null}}]}

```

**Unsupported HTTP Method:** PUT, POST, DELETE

## Filter gateways by model

Available in 14 starting with 14.10

**Resource URI:** /gateways/models

**Default Resource Properties:**

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

Property	Description
model	Gateway model.
label	Gateway label.
vendor	Gateway model vendor.

**Specific Response Codes:** N/A

**HTTP Method:** GET

Retrieves the models of all the gateways in the database.

**Example:** XML format

```

"<Models><Model><modelId>acmeGatewayStandard</modelId><label>Acme 1000</label><vendor>acme</vendor></Model>"
"<Model><modelId>genericGatewayStandard</modelId><label>Unmanaged gateway</label></Model>"
"<Model><modelId>sipTrunkStandard</modelId><label>SIP trunk</label></Model></Models>"

```

JSON format

```
"{"models":[{"modelId":"acmeGatewayStandard","label":"Acme 1000","vendor":"acme","versions":null},"{"modelId":"genericGatewayStandard","label":"Unmanaged gateway","vendor":null,"versions":null},"{"modelId":"sipTrunkStandard","label":"SIP trunk","vendor":null,"versions":null}]}"
```

**Unsupported HTTP Method:** PUT, POST, DELETE

## View or modify gateway ID

Available in 14 starting with 14.10

**Resource URI:** /gateways/{gatewayId}

### Default Resource Properties

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

Property	Description
gateway	The gateway related information is similar to the one described under /gateway.

**Specific Response Codes:** N/A

### HTTP Method: GET

Retrieves information on the gateway with the specified ID.

**Example:** XML format

```
<Gateway><id>%s</id><name>myGateway</name><description>myDesc</description>"
"<Model><modelId>acmeGatewayStandard</modelId><label>Acme 1000</label><vendor>acme</vendor></Model>"
"<enabled>true</enabled><address>1.1.1.1</address><addressPort>0</addressPort><outboundPort>5060</outboundPort>"
"<addressTransport>none</addressTransport><shared>true</shared><useInternalBridge>true</useInternalBridge>"
"<CallerAliasInfo><anonymous>false</anonymous><ignoreUserInfo>false</ignoreUserInfo>"
"<transformUserExtension>false</transformUserExtension><keepDigits>0</keepDigits></CallerAliasInfo></Gateway>"
```

JSON format

```
"{"id":%s,"name":"myGateway","serialNo":null,"deviceVersion":null,"description":"myDesc",
+ "model":{"modelId":"acmeGatewayStandard","label":"Acme 1000","vendor":"acme","versions":null},
"enabled":true,"address":"1.1.1.1","addressPort":0,"outboundAddress":null,"outboundPort":5060,
"addressTransport":"none","prefix":null,"shared":true,"useInternalBridge":true,"branch":null,
"callerAliasInfo":{"defaultCallerAlias":null,"anonymous":false,"ignoreUserInfo":false,
"transformUserExtension":false,"addPrefix":null,"keepDigits":0,"displayName":null,"urlParameters":null}}"
```

### HTTP Method: PUT

Updates gateway with the specified ID. Uses the same XML as for creation.

### HTTP Method: POST

Creates new gateway with the specified ID.

### HTTP Method: DELETE

Removes gateway with the specified ID.

**Unsupported HTTP Method:** N/A

## View all settings of a gateway ID

Available in 14 starting with 14.10

**Resource URI:** /gateways/{gatewayId}/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 the settings for the specified phone models in the gateway ID.

**Example:** XML format

```
<Settings>
<Setting>
<path>SIP_general/PRACKMode</path>
<type>enum</type>
<options>
<entry>
<key>2</key>
<value>Required</value>
</entry>
<entry>
<key>1</key>
<value>Supported</value>
</entry>
<entry>
<key>0</key>
<value>Disabled</value>
</entry>
</options>
<value>1</value>
<defaultValue>1</defaultValue>
<label>PRACK Mode</label>
</Setting>
<Setting>
<path>SIP_general/ChannelSelectMode</path>
```

```
<type>enum</type>
<options>
<entry>
<key>3</key>
<value>Cyclic Descending</value>
</entry>
<entry>
<key>2</key>
<value>Ascending</value>
</entry>
<entry>
<key>1</key>
<value>Cyclic Ascending</value>
</entry>
<entry>
<key>0</key>
<value>By phone number</value>
</entry>
<entry>
<key>6</key>
<value>Calling Party Number</value>
</entry>
<entry>
<key>5</key>
<value>Number + cyclic Ascending</value>
</entry>
<entry>
<key>4</key>
<value>Descending</value>
</entry>
</options>
<value>1</value>
<defaultValue>1</defaultValue>
<label>Channel Select Mode</label>
</Setting>
<Setting>
<path>SIP_general/EnableEarlyMedia</path>
<type>boolean</type>
<value>1</value>
<defaultValue>1</defaultValue>
```

<label>Enable Early Media</label>

</Setting>

<Setting>

<path>SIP\_general/AssertedIDMode</path>

<type>enum</type>

<options>

<entry>

<key>2</key>

<value>P-Preferred</value>

</entry>

<entry>

<key>1</key>

<value>P-Asserted</value>

</entry>

<entry>

<key>0</key>

<value>Disabled</value>

</entry>

</options>

<value>0</value>

<defaultValue>0</defaultValue>

<label>Asserted ID Mode</label>

<description>The Asserted ID mode defines the header that is used in the generated INVITE request. The header also depends on the calling Privacy: allowed or restricted.</description>

</Setting>

<Setting>

<path>SIP\_general/UseTelURIForAssertedID</path>

<type>boolean</type>

<value>0</value>

<defaultValue>0</defaultValue>

<label>Tel URI for Asserted Identity</label>

</Setting>

<Setting>

<path>SIP\_general/IsFaxUsed</path>

<type>enum</type>

<options>

<entry>

<key>3</key>

<value>T.38 + Passthru</value>

</entry>

<entry>

```
<key>2</key>
<value>Passthru (G711)</value>
</entry>
<entry>
<key>1</key>
<value>T.38</value>
</entry>
<entry>
<key>0</key>
<value>No SIP signaling for fax</value>
</entry>
</options>
<value>3</value>
<defaultValue>3</defaultValue>
<label>Fax Signaling</label>
</Setting>
<Setting>
<path>SIP_general/DetFaxOnAnswerTone</path>
<type>enum</type>
<options>
<entry>
<key>1</key>
<value>T.38 on CED</value>
</entry>
<entry>
<key>0</key>
<value>T.38 on Preamble</value>
</entry>
</options>
<value>0</value>
<defaultValue>0</defaultValue>
<label>Detect Fax on Answer Tone</label>
</Setting>
</setting>
JSON format
{
settings:
{
path: "SIP_general/PRACKMode"
type: "enum"
```

```
options: {
0: "Disabled"
1: "Supported"
2: "Required"
}-
value: "1"
defaultValue: "1"
label: "PRACK Mode"
description: null
}-
{
path: "SIP_general/ChannelSelectMode"
type: "enum"
options: {
0: "By phone number"
1: "Cyclic Ascending"
2: "Ascending"
3: "Cyclic Descending"
4: "Descending"
5: "Number + cyclic Ascending"
6: "Calling Party Number"
}-
value: "1"
defaultValue: "1"
label: "Channel Select Mode"
description: null
}-
{
path: "SIP_general/EnableEarlyMedia"
type: "boolean"
options: null
value: "1"
defaultValue: "1"
label: "Enable Early Media"
description: null
}-
{
path: "SIP_general/AssertedIDMode"
type: "enum"
options: {
```



```
0: "Disabled"
1: "P-Asserted"
2: "P-Preferred"
}-
value: "0"
defaultValue: "0"
label: "Asserted ID Mode"
description: "The Asserted ID mode defines the header that is used in the generated INVITE request. The header also depends on the calling Privacy:
allowed or restricted."
}-
{
path: "SIP_general/UseTelURIForAssertedID"
type: "boolean"
options: null
value: "0"
defaultValue: "0"
label: "Tel URI for Asserted Identity"
description: null
}-
{
path: "SIP_general/IsFaxUsed"
type: "enum"
options: {
0: "No SIP signaling for fax"
1: "T.38"
2: "Passthru (G711)"
3: "T.38 + Passthru"
}-
value: "3"
defaultValue: "3"
label: "Fax Signaling"
description: null
}-
{
path: "SIP_general/DetFaxOnAnswerTone"
type: "enum"
options: {
0: "T.38 on Preamble"
1: "T.38 on CED"
}-
value: "0"
```

```
defaultValue: "0"
label: "Detect Fax on Answer Tone"
description: null
}-
{
path: "SIP_general/SIPTransportType"
type: "enum"
options: {
0: "UDP"
1: "TCP"
2: "TLS"
}-
value: "0"
defaultValue: "0"
label: "SIP Transport Type"
description: null
}-
{
path: "SIP_general/LocalSIPPort"
type: "string"
options: null
value: "5060"
defaultValue: "5060"
label: "UDP SIP Port"
description: "UDP Port for SIP signaling"
}-
{
path: "SIP_general/TCPLocalSIPPort"
type: "string"
options: null
value: "5060"
defaultValue: "5060"
label: "TCP SIP Port"
description: "TCP Port for SIP signaling"
}-
{
path: "SIP_general/TLSLocalSIPPort"
type: "string"
options: null
value: "5061"
```

```
defaultValue: "5061"
label: "TLS SIP Port"
description: "TLS Port for SIP signaling"
}
}
```

**Unsupported HTTP Method:** PUT, POST, DELETE

## View or modify a setting for phone models in a gateway ID

Available in 14 starting with 14.10

**Resource URI:** /gateways/{gatewayId}/settings/{path..\*}

### Default Resource Properties:

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

Property	Description
gateway	The gateway related information is similar to the one described under /gateway.

**Specific Response Codes:** N/A

### HTTP Method: GET

Retrieve the setting specified in the path for the phone models in the gateway ID.

**Example:** XML format

```
<Setting>
<path>SIP_general/EnableEarlyMedia</path>
<type>boolean</type>
<value>1</value>
<defaultValue>1</defaultValue>
<label>Enable Early Media</label>
</Setting>
```

JSON format

```
{
  path: "SIP_general/EnableEarlyMedia"
  type: "boolean"
  options: null
  value: "1"
  defaultValue: "1"
  label: "Enable Early Media"
  description: null
}
```

### HTTP Method: PUT

Updates the setting specified in the path for the phone models in the gateway ID. PUT data is plain text.

### HTTP Method: DELETE

Deletes the setting specified in the path for the phone models in the gateway ID.

**Unsupported HTTP Method:** POST

## View ports for a gateway ID

Available in 14 starting with 14.10

**Resource URI:** /gateways/{gatewayId}/ports

**Default Resource Properties:**

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

Property	Description

**Specific Response Codes:** N/A

**HTTP Method: GET**

Retrieves the ports of the gateway with the specified ID.

**HTTP Method: PUT**

Updates the ports of the gateway with the specified ID. PUT data is plain text.

**HTTP Method: DELETE**

Deletes the ports of the gateway with the specified ID.

**Unsupported HTTP Method:** POST

## View port settings for a gateway ID

Available in 14 starting with 14.10

**Resource URI:** /gateway/{gatewayId}/port/{portId}/settings

**Default Resource Properties:**

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

Property	Description
setting	The port setting related information is similar to the one described under /gateway/settings.

**Specific Response Codes:** N/A

**HTTP Method: GET**

View port settings for the gateway with the specified ID.

**Example:** XML format

```
<Settings>
```

```
<Setting>
```

```
<path>Port/AutomaticDialing</path>
```

```
<type>boolean</type>
```

```
<value>1</value>
```

```
<defaultValue>1</defaultValue>
```

```
<label>Automatic Dialing</label>
```

<description>If enabled calls received on this PSTN line will be automatically sent to the destination (extension or user) specified below.</description>

</Setting>

<Setting>

<path>Port/Extension</path>

<type>string</type>

<value>operator</value>

<defaultValue>operator</defaultValue>

<label>Extension</label>

<description>Specify the destination for incoming calls on this PSTN line, such as an auto-attendant, a hunt group, an ACD queue, or any internal extension, user or alias.</description>

</Setting>

</Settings>

JSON format

```
{
  settings: [2]
  0: {
    path: "Port/AutomaticDialing"
    type: "boolean"
    options: null
    value: "1"
    defaultValue: "1"
    label: "Automatic Dialing"
    description: "If enabled calls received on this PSTN line will be automatically sent to the destination (extension or user) specified below."
  }-
  1: {
    path: "Port/Extension"
    type: "string"
    options: null
    value: "operator"
    defaultValue: "operator"
    label: "Extension"
    description: "Specify the destination for incoming calls on this PSTN line, such as an auto-attendant, a hunt group, an ACD queue, or any internal extension, user or alias."
  }-
  -
}
```

**HTTP Method: PUT**

Updates the port settings for the gateway with the specified ID. PUT data is plain text.

**HTTP Method: DELETE**

Deletes the port settings for the gateway with the specified ID.

**Unsupported HTTP Method: POST**

# View or modify port settings

Available in 14 starting with 14.10

**Resource URI:** /gateway/{gatewayId}/port/{portId}/settings/{path:.\*}

**Default Resource Properties:**

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

Property	Description
setting	The port setting related information is similar to the one described under /gateway/settings.

**Specific Response Codes:** N/A

**HTTP Method: GET**

Retrieves the port settings of the gateway with the specified ID.

**Example:** XML format

```
<Setting>
<path>Port/AutomaticDialing</path>
<type>boolean</type>
<value>1</value>
<defaultValue>1</defaultValue>
<label>Automatic Dialing</label>
<description>If enabled calls received on this PSTN line will be automatically sent to the destination (extension or user) specified below.</description>
</Setting>
```

JSON format

```
{
  path: "Port/AutomaticDialing"
  type: "boolean"
  options: null
  value: "1"
  defaultValue: "1"
  label: "Automatic Dialing"
  description: "If enabled calls received on this PSTN line will be automatically sent to the destination (extension or user) specified below."
}
```

**HTTP Method: PUT**

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

**HTTP Method: DELETE**

Deletes the settings of the port.

**Unsupported HTTP Method:** POST