# Status

## GET call\_manager/summary

Return the current status of call manager.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_manager/summary

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_manager/summary?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| domain  required | String.  SIP domain which used by the current user |
| pbx\_ip  required | String.  The PortSIP PBX’s IP. |
| pbx\_mode  required | String.  The PortSIP PBX’s working mode, “public network” or “private network”. |
| transports  required | Array.  Network transport protocol object collections. PortSIP PBX supports all popular network transport protocol, such as UDP, TCP, TLS, WS, and WSS. |
| primary\_dns\_server  required | String.  Primary DNS Server |
| secondary\_dns\_server  required | String.  Secondary DNS Server |

#### Transport object parameter

|  |  |
| --- | --- |
| protocol  required | String.  Values:  “UDP” or “TCP” or “TLS” or “WS” or “WSS” |
| port  required | Number.  Transport port |

### Example Result

{

"domain":"portsip.com",

"local\_ip":"192.168.0.23",

"public\_ip":"",

"transports":[{"protocol":"UDP", "port":5060},

{"protocol":"TLS", "port":5063}

],

"primary\_dns\_server":"",

"secondary\_dns\_server":""

}

# PHONES

## GET phones/list

Retrieving a list of plugin / play IP phones

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/phones/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/phones /list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| phones  required | Array.  The extension group object collection. |

#### Phones object parameters

|  |  |
| --- | --- |
| phone\_model  required | String.  Phone model |
| name  required | String.  The name of extension |
| extension\_number  required | String.  The extension number |
| password  required | String.  The password of extension which assigned to the IP Phone |
| ip  required | String.  The IP of the IP Phone |
| mac\_address  required | String.  The MAC address of the IP Phone |
| status  required | String.  The status of the IP Phone :  Registered  Un-Regisered |
|  |  |

# Extensions

## GET extensions/group/list

Retrieving a list of extension group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| groups  required | Array.  The extension group object collection. |

#### Extension object parameters

|  |  |
| --- | --- |
| group\_id  required | String.  Group ID |
| group\_name  required | String.  The name of extension group |
| members\_count  required | Number.  How many number of extension in current group |

### Example Result

{

"count":2,

"groups":

[

{"group\_id":"12","group\_name":"DEFAULT","members\_count":10},

{"group\_id":"14","group\_name":"SYSTEM","members\_count":10}

]

}

## GET extensions/group/show

Retrieving the settings of an extension group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| group\_id  required | String.  Group ID |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/show?access\_token=<token\_value>&group\_id=12

### Response Parameters

|  |  |
| --- | --- |
| group\_id  required | String.  Group ID |
| group\_name  required | String.  The name of extension group |
| group\_description  required | String.  The description for current extension group |
| enable\_intercom  required | Boolean.  Values: true or false  Decide whether members can intercom call |
| enable\_external\_call  required | Boolean.  Values: true or false  Whether allow extension group member to call external number |
| enable\_management\_console\_access  required | Boolean.  Values: true or false.  Allow this extension to access the PortSIP PBX Management Console. IMPORTANT NOTE: Make sure that the Access Password configured is secure. |
| members  required | Array.  The extension collection |

### Example Result

{

"group\_id":"12",

"group\_name":"TEST",

"group\_description": "only for test",

"enable\_intercom":true ,

"enable\_external\_call":false ,

"enable\_management\_console\_access":true ,

"members":["101","102","103"]

}

## POST extensions/group/create

Create a new extension group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| group\_name  required | String.  The name of extension group |
| group\_description  optional | String.  The description for current extension group |
| enable\_intercom  required | Boolean.  Values: true or false  Decide whether members can intercom call |
| enable\_external\_call  required | Boolean.  Values: true or false  Whether allow extension group member to call external number |
| enable\_management\_console\_access  required | Boolean.  Values: true or false.  Allow this extension to access the PortSIP PBX Management Console. IMPORTANT NOTE: Make sure that the Access Password configured is secure. |
| members  optional | Array.  The extension collection |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/create

### Response Parameters

|  |  |
| --- | --- |
| group\_id  required | String.  Group ID |
| group\_name  required | String.  The name of extension group |

### Example Result

{

"group\_id":"12",

"group\_name":"current extension group name"

}

## POST extensions/group/update

Modify the settings of an extension group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| group\_id  required | String.  Group ID |
| group\_name  optional | String.  The name of extension group |
| group\_description  optional | String.  The description for current extension group |
| enable\_intercom  optional | Boolean.  Values: true or false  Decide whether members can intercom call |
| enable\_external\_call  optional | Boolean.  Values: true or false  Whether allow extension group member to call external number |
| enable\_management\_console\_access  optional | Boolean.  Values: true or false.  Allow this extension to access the PortSIP PBX Management Console. IMPORTANT NOTE: Make sure that the Access Password configured is secure. |
| members  optional | Array.  The extension collection |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/update

## POST extensions/group/destroy

Delete a SIP extension group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| group\_id  required | String.  Group ID |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/group/destroy

## GET extensions/list

Retrieving a list of extensions, return maximum 100 extensions per request.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| start\_position  required | Number.  The extensions will be broken into pages.  Each page contains 100 extension members.  If a value of 1 will be assumed, which is to gets the first “page”. |
| end\_position  required | Number.  The extensions will be broken into pages.  Each page contains 100 extension members.  If a value of 1 will be assumed, which is to gets the first “page”. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/list?access\_token=<token\_value>&start\_position=1&end\_poistion=100

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| start\_position  required | Number. |
| end\_position  required | Number. |
| remaining\_extensions  required | Number.  The maximum number of cursor |
| extensions  required | An Array.  The extension object collection. |

#### Extension object parameters

|  |  |
| --- | --- |
| extension\_number  required | String.  The number of extensions |
| first\_name  required | String.  The first name of current extension user |
| last\_name  required | String.  The last name of current extension user |
| email  required | String.  Email address for current extension user |
| belong\_groups  required | An Array.  Default group named with DEFAULT.  Current extension belong to which group |
| status  required | String.  “online” or ”offline” |
| user\_agent  required | String.  Specific extension user agent. |
| phone\_mac\_address  required | String.  Hardware address of the Phone in this format, e.g. 00256476BD40 |
| phone\_model  required | String.  Phone model |

### Example Result

{

"remaining\_extensions":1,

"count":2,

"extensions":[

{"extension\_number":"101",

"first\_name":"jason",

"last\_name":"joe",

"email":"json@domain.com",

"belong\_groups":["DEFAULT"],

"status":"offline",

"user\_agent":"",

"phone\_mac\_address":"00256476BD40",

"phone\_model":"Polycom SSIP4000(3.1.x)"

},

{"extension\_number":"103",

"first\_name":"mikea",

"last\_name":"william",

"email":"json@domain.com",

"belong\_groups":["DEFAULT"],

"status":"online",

"user\_agent":"PortGo",

"phone\_mac\_address":"00176432HG67",

"phone\_model":"Snom 300"

}

]

}

## POST extensions/create

Create a new extension.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |
| password  required | String.  Extension password. |
| profile  optional | Object.  Extension Profile Settings |
| voice\_mail  optional | Object.  Extension voice mail settings |
| forward\_rules  optional | Object.  Extension forward rules settings |
| options  optional | Object.  Extension options settings |
| office\_hours  optional | Object.  Extension office hours settings |
| phone\_provisioning  optional | Object.  Extension phone provisioning settings |

#### Extension Profile Object Parameter

|  |  |
| --- | --- |
| first\_name  optional | String.  Extension user first name |
| last\_name  optional | String.  Extension user last name |
| gender  optional | String.  Values: “Male” or “Female” |
| email  optional | String.  Extension user email address |
| mobile\_phone  optional | Number.  Extension user phone number |
| work\_phone  optional | Number.  Extension user work phone number |
| home\_phone  optional | Number.  Extension user home phone number |
| twitter  optional | String.  Extension user Twitter homepage |
| facebook  optional | String.  Extension user Facebook homepage |
| linkedin  optional | String.  Extension user LinkedIn homepage |
| instagram  optional | String.  Extension user Instagram homepage |
| description  optional | String.  Extension user signature |

#### Extension Voice Mail Object Parameter

|  |  |
| --- | --- |
| enable\_voicemail  optional | Boolean.  Values: true or false.  Enable voice mail |
| prompt\_language  optional | String.  The prompt language. |
| enable\_vm\_pin\_auth  optional | Boolean.  Values: true or false.  PortSIP PBX whether request a PIN number to access Voice mail for this extension. |
| voicemail\_pin  optional | Number.  PIN used to access voice mail box.  If “enable\_vm\_pin\_auth” is enabled, this parameter is invalid. |
| enable\_play\_caller\_id  optional | Boolean.  Values: true or false.  Whether plays phone number of caller |
| msg\_read\_out\_datetime  optional | Number.  Values:  1 - Do not read  2 - Read in AM/PM format  3 - Read in 24-hour forma  Announces Date & Time of Message |

#### Extension Forwarding Rules Object Parameter

|  |  |
| --- | --- |
| available  optional | An object.  Configure how calls should be re-directed when a user cannot answer the phone or the phone is busy |
| offline  optional | An object.  Configure how calls should be re-directed when a user is offline |
| dnd  optional | An object.  Configure how calls should be re-directed when a user status is “Do Not Disturb” |
| away  optional | An object.  Configure how calls should be re-directed when a user status is “Away” |

##### Extension Available Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| no\_answer\_timeval  required | Number.  This is the amount in seconds that the call will remain ringing. |
| no\_answer\_action  required | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  If extension is registered (not busy now), the call is not answered within “no\_answer\_timeval” seconds, and do this action. |
| no\_answer\_action\_value  required | String.  No answer action value. |
| busy\_action  required | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6-Disconnect the call  7-Ring anyway  If extension is busy now, but another call coming, then do this action. |
| busy\_action\_value  required | String.  Busy action value. |

##### Extension Offline/DND/Away Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| office\_hours\_action  required | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  Extension offline in offices hours, do this action. |
| office\_hours\_action\_value  required | String.  Offline in offices hours action value |
| outside\_office\_hours\_action  required | Number.  Values: Same to parameter “office\_hours\_action” values define.  Extension offline outside office hours, do this action. |
| outside\_office\_hours\_action\_value  required | String.  Offline outside offices hours action value |

#### Extension Options Object Parameter

|  |  |
| --- | --- |
| record\_all\_calls  required | Boolean.  Values: true or false.  Records all calls and saves recorded calls on server |
| enable\_extension  required | Boolean.  Values: true or false.  Allows temporary disabling of extension. |

#### Extension Office Hours Object Parameter

|  |  |
| --- | --- |
| office\_hours\_mode  required | Number.  Values:  1 – Using Global Office Hours Setup  2 – Using Personal Office Hours Setup |
| monday\_from  semi-required | String.  Values format: 24-hour clock, such as “09:00”  Office hours Monday start time setup.  Pre-required: MUST use personal office hours |
| monday\_to  semi-required | String.  Values format: 24-hour clock, such as “17:00”  Office hours Monday end time setup.  Pre-required: MUST use personal office hours |
| tuesday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| tuesday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| wednesday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| wednesday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| thursday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| thursday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| friday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| friday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| saturday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| saturday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| sunday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| sunday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |

#### Extension Phone Provisioning Object Parameter

|  |  |
| --- | --- |
| phone\_model  required | String.  The specific phone model |
| phone\_mac\_address  required | String.  Hardware address of the phone. |
| phone\_webpage\_password  optional | String.  Configure a password to access the Web interface of your phone. The username remains default because most phone manufacturers do not allow modification of the user name.  Some phone model support, such as “Snom 300” |
| time\_zone  required | String.  The Time Zone to be delivered for this phone device. |
| phone\_display\_language  required | String.  Choose a Phone Display LCD language |
| phone\_provisioning\_method  required | String.  Provisioning Method |
| network\_interface  required | String.  Network interface |
| first\_preferred\_codec  required | String.  Configure the priority of the coders in this phone  The first preferred codec |
| second\_preferred\_codec  required | String.  The second preferred codec |
| third\_preferred\_codec  required | String.  The third preferred codec |
| fourth\_preferred\_codec  required | String.  The fourth preferred codec |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/create

### Develop Notes

创建Extensions时，Gateway先发送请求至PBX。

如果Gateway收到PBX返回的200 OK(成功创建)，则转发请求至Voicemail服务器；PBX返回失败，则直接返回错误消息。

## GET extensions/show

Retrieving the settings of an extension.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/show?access\_token=<token\_value>&extension\_number=102

### Response Parameters

|  |  |
| --- | --- |
| extension\_number  required | String.  The number of extension. |
| profile  required | Object.  Extension Profile settings |
| voice\_mail  required | Object.  Extension Voice Mail settings |
| forward\_rules  required | Object.  Extension Forward Rules settings |
| options  required | Object.  Extension options settings |
| belong\_groups  required | Array.  Extension belong groups settings |
| office\_hours  required | Object.  Extension Office Hours settings |
| phone\_provisioning  required | Object.  Extension Phone Provisioning settings |
| billing  required | Object.  Extension Billing settings |

#### Extension Profile Object Parameter

|  |  |
| --- | --- |
| sip\_uri  required | String.  Extension SIP URI |
| first\_name  required | String.  Extension user first name |
| last\_name  required | String.  Extension user last name |
| gender  required | String.  Values: “Male” or “Female” |
| email  required | String.  Extension user email address |
| company\_name  required | String.  Company name |
| company\_website  required | String.  Company website |
| mobile\_phone  required | Number.  Extension user phone number |
| work\_phone  required | Number.  Extension user work phone number |
| home\_phone  required | Number.  Extension user home phone number |
| twitter  required | String.  Extension user Twitter homepage |
| facebook  required | String.  Extension user Facebook homepage |
| linkedin  required | String.  Extension user LinkedIn homepage |
| instagram  required | String.  Extension user Instagram homepage |
| description  required | String.  Extension user signature |

#### Extension Voice Mail Object Parameter

|  |  |
| --- | --- |
| enable\_voicemail  required | Boolean.  Values: true or false.  Enable voice mail |
| prompt\_language  required | String.  The prompt language. |
| enable\_vm\_pin\_auth  required | Boolean.  Values: true or false.  PortSIP PBX whether request a PIN number to access Voice mail for this extension. |
| voicemail\_pin  required | Number.  PIN used to access voice mail box.  If “enable\_vm\_pin\_auth” is enabled, this parameter is invalid. |
| enable\_play\_caller\_id  required | Boolean.  Values: true or false.  Whether plays phone number of caller |
| msg\_read\_out\_datetime  required | Number.  Values:  1 - Do not read  2 - Read in AM/PM format  3 - Read in 24-hour forma  Announces Date & Time of Message |

#### Extension Forwarding Rules Object Parameter

|  |  |
| --- | --- |
| available  required | An object.  Configure how calls should be re-directed when a user cannot answer the phone or the phone is busy |
| offline  required | An object.  Configure how calls should be re-directed when a user is offline |
| dnd  required | An object.  Configure how calls should be re-directed when a user status is “Do Not Disturb” |
| away  required | An object.  Configure how calls should be re-directed when a user status is “Away” |

##### Extension Available Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| no\_answer\_timeval  required | Number.  This is the amount in seconds that the call will remain ringing. |
| no\_answer\_action  required | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  If extension is registered (not busy now), the call is not answered within “no\_answer\_timeval” seconds, and do this action. |
| no\_answer\_action\_value  required | String.  No answer action value. |
| busy\_action  required | Number.  Values:  1-Ring anyway  2-Send call to voice mail  3-Send call to other extension  4-Send call to Ring Group  5-Send call to external number  6-Send call to Virtual Receptionist  7-Disconnect the call  If extension is busy now, but another call coming, then do this action. |
| busy\_action\_value  required | String.  Busy action value. |

##### Extension Offline/DND/Away Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| office\_hours\_action  required | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  Extension offline in offices hours, do this action. |
| office\_hours\_action\_value  required | String.  Offline in offices hours action value |
| outside\_office\_hours\_action  required | Number.  Values: Same to parameter “office\_hours\_action” values define.  Extension offline outside office hours, do this action. |
| outside\_office\_hours\_action\_value  required | String.  Offline outside offices hours action value |

#### Extension Options Object Parameter

|  |  |
| --- | --- |
| record\_all\_calls  required | Boolean.  Values: true or false.  Records all calls and saves recorded calls on server |
| enable\_extension  required | Boolean.  Values: true or false.  Allows temporary disabling of extension. |
| enable\_intercom  required | Boolean.  Values: true or false. |
| enable\_external\_call  required | Boolean.  Values: true or false  Whether allow extension to call external number |
| enable\_management\_console\_access  required | Boolean.  Values: true or false.  Allow this extension to access the PortSIP PBX Management Console. IMPORTANT NOTE: Make sure that the Access Password configured is secure. |
| belong\_groups  required | Array.  Extension belongs to which groups |

#### Extension Office Hours Object Parameter

|  |  |
| --- | --- |
| office\_hours\_mode  required | Number.  Values:  1 – Using Global Office Hours Setup  2 – Using Personal Office Hours Setup |
| monday\_from  semi-required | String.  Values format: 24-hour clock, such as “09:00”  Office hours Monday start time setup.  Pre-required: MUST use personal office hours |
| monday\_to  semi-required | String.  Values format: 24-hour clock, such as “17:00”  Office hours Monday end time setup.  Pre-required: MUST use personal office hours |
| tuesday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| tuesday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| wednesday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| wednesday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| thursday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| thursday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| friday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| friday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| saturday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| saturday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |
| sunday\_from  semi-required | String.  Format: same format with parameter “monday\_from” |
| sunday\_to  semi-required | String.  Format: same format with parameter “monday\_to” |

#### Extension Phone Provisioning Object Parameter

|  |  |
| --- | --- |
| phone\_model  required | String.  The specific phone model |
| phone\_mac\_address  required | String.  Hardware address of the phone. |
| phone\_webpage\_password  semi-optional | String.  Configure a password to access the Web interface of your phone. The username remains default because most phone manufacturers do not allow modification of the user name.  Some phone model support, such as “Snom 300” |
| time\_zone  required | String.  The Time Zone to be delivered for this phone device. |
| phone\_display\_language  required | String.  Choose a Phone Display LCD language |
| phone\_provisioning\_method  required | String.  Provisioning Method |
| network\_interface  required | String.  Network interface |
| first\_preferred\_codec  required | String.  Configure the priority of the coders in this phone  The first preferred codec |
| second\_preferred\_codec  required | String.  The second preferred codec |
| third\_preferred\_codec  required | String.  The third preferred codec |
| fourth\_preferred\_codec  required | String.  The fourth preferred codec |

#### Extension Billing Object Parameter

|  |  |
| --- | --- |
| current\_balance  required | Number.  The currently balance for extension, currency unit: USD |
| call\_rates  required | Array.  The call rate object collection |

##### Call Rate object parameter

|  |  |
| --- | --- |
| rate  required | Number. |
| currency\_unit  required | String.  Values:  “USD” or “CNY” or “GBP” or “EUR” |
| timing\_unit  required | String.  Values: “minutes” or “seconds” |
| call\_prefix  required | String.  Current rate apply to calls starting with this prefix |

### Example Result

{

"extension\_number":"101",

"profile":

{

"sip\_uri":"sip:101@ portsip.com",

"first\_name":"jason",

"last\_name":"joe",

"gender":"Male",

"email":"json@domain.com",

"company\_name":"xxx, Inc",

"company\_website":"portsip.com",

"mobile\_phone":"155\*\*\*\*\*\*\*\*",

"work\_phone":"123456",  
"home\_phone":"98765432",   
"twitter:":"http://www.twitter.com/101",  
"facebook":"http://www.facebook.com/101",  
"linkedin":"http://www.linkedin/101",  
"instagram":"http://www.instagram.com/101",  
"description":"just for test"

},

"voice\_mail":

{

"enable\_voicemail":false,

"prompt\_language":"en",

"enable\_vm\_pin\_auth":true,

"voicemail\_pin":"",

"enable\_play\_caller\_id":false,

"msg\_read\_out\_datetime":1,

"default\_greeting\_file":"",

"greeting\_files":[]

},

"forward\_rules":

{

"available":

{

"no\_answer\_timeval":20,

"no\_answer\_action":1,

"no\_answer\_action\_value":"",

"busy\_action":1,

"busy\_action\_value":""

},

"offline":

{

"office\_hours\_action":1,

"office\_hours\_action\_value":"",

"outside\_office\_hours\_action":1,

"outside\_office\_hours\_action\_value":""

},

"dnd":

{

"office\_hours\_action":1,

"office\_hours\_action\_value":"",

"outside\_office\_hours\_action":1,

"outside\_office\_hours\_action\_value":""

},

"away":

{

"office\_hours\_action":1,

"office\_hours\_action\_value":"",

"outside\_office\_hours\_action":1,

"outside\_office\_hours\_action\_value":""

}

},

"options":

{

"record\_all\_calls":true,

"enable\_extension":false,

"enable\_paging\_intercom":false,

"enable\_external\_call":false,

"enable\_management\_console\_access":false

},

"belong\_groups":["DEFAULT","SYSTEM"],

"phone\_provisioning":

{

"phone\_model":"snom 300",

"phone\_mac\_address":"00176432HG67",

"phone\_webpage\_password":"a1s2",

"time\_zone":"9 Japan(Tokyo)",

"phone\_display\_language":"en",

"phone\_provisioning\_method":"Local Lan(In the office)",

"network\_interface":"192.168.18.23",

"first\_preferred\_codec":"G711u",

"second\_preferred\_codec":"G711a",

"third\_preferred\_codec":"G722",

"fourth\_preferred\_codec":"G729"

},

"office\_hours":

{

"office\_hours\_mode":2,

"monday\_from":"09:00",

"monday\_to":"17:00",

"tuesday\_from":"09:00",

"tuesday\_to":"17:00",

"wednesday\_from":"09:00",

"wednesday\_to":"17:00",

"thursday \_from":"09:00",

"thursday\_to":"17:00",

"friday\_from":"09:00",

"friday\_to":"17:00",

"saturday\_from":"09:00",

"saturday\_to":"17:00",

"sunday\_from":"09:00",

"sunday\_to":"17:00"

},

"billing":

{

"current\_balance":"10",

"call\_rates":[

{

"rate":0.02,

"currency\_unit":"USD",

"timing\_unit":"minutes",

"call\_prefix":"0021"

},

{

"rate":0.05,

"currency\_unit":"CNY",

"timing\_unit":"minutes",

"call\_prefix":"0086"

}

]

}

}

### Develop Notes

获取Extensions详细信息时，Gateway先发送请求至PBX。

如果Gateway收到PBX返回的200 OK(不包含Voicemail信息)，则转发请求至Voicemail服务器， Voicemail服务器返回相应的设置信息。

Gateway收到Voicemail返回的信息后，在PBX返回的Extension设置中加入Voicemail信息并返回给请求端。

## GET extensions/status

Retrieving the status of a given extensions.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | Number.  The extensions number which you want to get the status. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/status?access\_token=<token\_value>&extension\_number=101

### Response Parameters

|  |  |
| --- | --- |
| extension\_number  required | String.  The extension number. |
| status  required | String.  The status of the extension |

### Example Result

{

"extension\_number":”101,

"status": ”on phone”

}

## POST extensions/update

Modify the settings of an extension.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats? | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |
| password  optional | String.  The password of extension |
| profile  optional | Object.  Extension Profile settings |
| voice\_mail  optional | Object.  Extension Voice Mail settings |
| forward\_rules  optional | Object.  Extension Forward Rules settings |
| options  optional | Object.  Extension options settings |
| office\_hours  optional | Object.  Extension Office Hours settings |
| phone\_provisioning  optional | Object.  Extension Phone Provisioning settings |

#### Extension Profile Object Parameter

|  |  |
| --- | --- |
| first\_name  optional | String.  Extension user first name |
| last\_name  optional | String.  Extension user last name |
| gender  optional | String.  Values: “Male” or “Female” |
| email  optional | String.  Extension user email address |
| mobile\_phone  optional | Number.  Extension user phone number |
| work\_phone  optional | Number.  Extension user work phone number |
| home\_phone  optional | Number.  Extension user home phone number |
| twitter  optional | String.  Extension user Twitter homepage |
| facebook  optional | String.  Extension user Facebook homepage |
| linkedin  optional | String.  Extension user LinkedIn homepage |
| instagram  optional | String.  Extension user Instagram homepage |
| description  optional | String.  Extension user signature |

#### Extension Voice Mail Object Parameter

|  |  |
| --- | --- |
| enable\_voicemail  optional | Boolean.  Values: true or false.  Enable voice mail |
| prompt\_language  optional | String.  The prompt language. |
| enable\_vm\_pin\_auth  optional | Boolean.  Values: true or false.  PortSIP PBX whether request a PIN number to access Voice mail for this extension. |
| voicemail\_pin  optional | Number.  PIN used to access voice mail box.  If “enable\_vm\_pin\_auth” is enabled, this parameter is invalid. |
| enable\_play\_caller\_id  optional | Boolean.  Values: true or false.  Whether plays phone number of caller |
| msg\_read\_out\_datetime  optional | Number.  Values:  1 - Do not read  2 - Read in AM/PM format  3 - Read in 24-hour forma  Announces Date & Time of Message |

#### Extension Forwarding Rules Object Parameter

|  |  |
| --- | --- |
| available  optional | An object.  Configure how calls should be re-directed when a user cannot answer the phone or the phone is busy |
| offline  optional | An object.  Configure how calls should be re-directed when a user is offline |
| dnd  optional | An object.  Configure how calls should be re-directed when a user status is “Do Not Disturb” |
| away  optional | An object.  Configure how calls should be re-directed when a user status is “Away” |

##### Extension Available Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| no\_answer\_timeval  optional | Number.  This is the amount in seconds that the call will remain ringing. |
| no\_answer\_action  optional | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  If extension is registered (not busy now), the call is not answered within “no\_answer\_timeval” seconds, and do this action. |
| no\_answer\_action\_value  optional | String.  No answer action value. |
| busy\_action  optional | Number.  Values  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6-Disconnect the call  7-Ring anyway  If extension is busy now, but another call coming, then do this action. |
| busy\_action\_value  optional | String.  Busy action value. |

##### Extension Offline/DND/Away Forwarding Rule Object Parameter

|  |  |
| --- | --- |
| office\_hours\_action  optional | Number.  Values:  1-Send call to voice mail  2-Send call to other extension  3-Send call to Ring Group  4-Send call to external number  5-Send call to Virtual Receptionist  6 - Disconnect the call  Extension offline in offices hours, do this action. |
| office\_hours\_action\_value  optional | String.  Offline in offices hours action value |
| outside\_office\_hours\_action  optional | Number.  Values: Same to parameter “office\_hours\_action” values define.  Extension offline outside office hours, do this action. |
| outside\_office\_hours\_action\_value  optional | String.  Offline outside offices hours action value |

#### Extension Options Object Parameter

|  |  |
| --- | --- |
| record\_all\_calls  optional | Boolean.  Values: true or false.  Records all calls and saves recorded calls on server |
| enable\_extension  optional | Boolean.  Values: true or false.  Allows temporary disabling of extension. |

#### Extension Office Hours Object Parameter

|  |  |
| --- | --- |
| office\_hours\_mode  optional | Number.  Values:  1 – Using Global Office Hours Setup  2 – Using Personal Office Hours Setup |
| monday\_from  semi-optional | String.  Values format: 24-hour clock, such as “09:00”  Office hours Monday start time setup.  Pre-required: MUST use personal office hours |
| monday\_to  semi-optional | String.  Values format: 24-hour clock, such as “17:00”  Office hours Monday end time setup.  Pre-required: MUST use personal office hours |
| tuesday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| tuesday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |
| wednesday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| wednesday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |
| thursday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| thursday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |
| friday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| friday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |
| saturday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| saturday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |
| sunday\_from  semi-optional | String.  Format: same format with parameter “monday\_from” |
| sunday\_to  semi-optional | String.  Format: same format with parameter “monday\_to” |

#### Extension Phone Provisioning Object Parameter

|  |  |
| --- | --- |
| phone\_model  optional | String.  The specific phone model |
| phone\_mac\_address  optional | String.  Hardware address of the phone. |
| phone\_webpage\_password  semi-optional | String.  Configure a password to access the Web interface of your phone. The username remains default because most phone manufacturers do not allow modification of the user name.  Some phone model support, such as “Snom 300” |
| time\_zone  optional | String.  The Time Zone to be delivered for this phone device. |
| phone\_display\_language  optional | String.  Choose a Phone Display LCD language |
| phone\_provisioning\_method  optional | String.  Provisioning Method |
| network\_interface  optional | String.  Network interface |
| first\_preferred\_codec  optional | String.  Configure the priority of the coders in this phone  The first preferred codec |
| second\_preferred\_codec  optional | String.  The second preferred codec |
| third\_preferred\_codec  optional | String.  The third preferred codec |
| fourth\_preferred\_codec  optional | String.  The fourth preferred codec |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/update

### Develop Notes

更新Extensions详细信息时，Gateway先发送请求至PBX。

如果Gateway收到PBX返回的200 OK，则转发请求至Voicemail服务器，Gateway收到Voicemail返回的信息后，不管Voicemail服务器返回成功或失败，都认为成功；

如果PBX返回失败，则直接返回失败之请求端。

## POST extensions/import

import an extension.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/ import

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extensions\_file\_name  required | String.  The path of extension’s csv file. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/ import

### Develop Notes

从csv 文件 导入Extensions，Gateway发送请求至PBX。

## POST extensions/export

Export extensions.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/ export

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/ export

### Response Parameters

|  |  |
| --- | --- |
| extensions\_file\_path\_name  required | String.  The path of extension’s csv file. |

### Develop Notes

Extensions导出至csv 文件，Gateway发送请求至PBX。

## POST extensions/destroy

Delete an extension.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/destroy

### Develop Notes

删除Extensions，Gateway先发送请求至PBX。

如果Gateway收到PBX返回的200 OK，则转发请求至Voicemail服务器，Gateway收到Voicemail返回的信息后，不管Voicemail服务器返回成功或失败，都认为成功；

如果PBX返回失败，则直接返回失败之请求端。

## POST extensions/greeting\_file/create

Create a new extension greeting file.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |
| filename  optional | String  Uploaded file’s real name |
| display\_name  optional | String  Uploaded file’s name to show on client |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/create

## POST extensions/greeting\_file/update

Set default greeting file

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |
| filename  optional | String  Uploaded file’s real name |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/update

## POST extensions/greeting\_file/destroy

Remove a greeting file

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |
| filename  optional | String  filename |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/destroy

## GET extensions/greeting\_file/list

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/extensions/greeting\_file/list?access\_token=<token\_value>&extension\_number=123

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| files  required | Array.  The extension object collection. |

### Example Result

{

"count":2,

"default\_file":”abcdfeg.wav”

"files":[

{“filename”:“default.wav",”enabled”:true},

{“filename”:“qweqwrer.wav",”enabled”:false}

]

}

# System Extensions

## GET system\_extensions/list

Retrieving a list of extensions, return maximum 100 extensions each time.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/system\_extensions/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| start\_position  required | Number.  The position extensions will be broken into pages.  Each page contains maximum 100 extension members.  If a value of 1 will be assumed, which is to gets the first “page”. |
| end\_position  required | Number.  extensions will be broken into pages.  Each page contains maximum 100 extension members.  If a value of 1 will be assumed, which is to gets the first “page”. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/system\_extensions/list?access\_token=<token\_value>&startpos=1&endPos=100

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| start\_position  required | Number. |
| end\_position  required | Number. |
| remaining\_extensions  required | Number.  The maximum number of cursor |
| extensions  required | Array.  The system extension object collection. |

#### Extension object parameters

|  |  |
| --- | --- |
| extension\_number  required | String.  The number of extensions |
| type  required | Number.  Values:  1 - Ring Group  2 - Voice Mail  3 - Call Queue  4 - Conference Room  5 - Virtual Receptionist |
| status  required | String.  “online” or ”offline” |

### Example Result

{

"remaining\_extensions ":0,

"count":2,

"extensions":[

{"extension\_number":"101", "status":"online", "type":1},

{"extension\_number":"103", "status":"online", "type":2}

]

}

# Domain

## GET domain/show

Retrieving the settings of PortSIP PBX’s domain.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/domain/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/domain/show?access\_token=<access token value>

### Response Parameter

|  |  |
| --- | --- |
| domain  required | String.  SIP domain which used by the current user |

### Example Result

{

"domain":"xx.com"

}

## POST domain/update

Add/set a new SIP domain.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/domain/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| domain  required | String.  SIP domain specific information, domain name and IP addresses support. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/domain/update

### Develop Notes

When Domain is modified, you must notify some servers (voice mail/call queues/ring groups/conference server/virtual receptionist).

# Transports

## GET transports/list

Retrieving a list of network transport.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of network transport |
| transports  required | Array.  The network transport object collection. |

#### Extension object parameters

|  |  |
| --- | --- |
| protocol  required | String.  Values:  “UDP” or “TCP” or “TLS” or “WS” or “WSS” |
| port  required | Number.  Transport port |

### Example Result

{

“count”:2,

“transports”:[

{“protocol”:”UDP”, “port”:5060},

{“protocol”:”TCP”, “port”:5060}

]

}

## POST transports/create

Adding network transport for SIP signaling.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| protocol  required | String.  Supported protocol contain: UDP | TCP | TLS | WS | WSS |
| port  required | Number.  Transport port. |
| certificate\_file  semi-required | String.  A certificate file name string.  Required: TLS or WSS protocol using.  The existence of this certificate file MUST PEM-encoded with X.509. |
| private\_key\_file  semi-required | String.  A private key file name string.  Required: TLS or WSS protocol using. |
| root\_certificate\_file  semi-required | String.  Root certificate file name string.  Required: TLS or WSS protocol using. |
| password\_for\_private\_key\_file  semi-optional | String.  The password of private key.  Required: TLS or WSS protocol using. |
| certificate\_verification\_method  semi-required | String.  Required: TLS or WSS protocol using.  Whether or not PUCS ask for (Optional) or expect (Mandatory) TLS clients to present a client certificate.  Values:  “None”  “Optional”  “ Mandatory” |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/create

## POST transports/destroy

Remove a network transport.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| protocol  required | String.  The specific transport protocol. |
| port  required | Number.  A port number. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/transports/destroy

# Providers

## GET provider/brands/list

Retrieving a list of predefined SIP trunk/provider.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/provider/brands/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/provider/brands/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| provider\_brands  required | An Array.  The country providers object collection. |

#### Country Providers object parameters

|  |  |
| --- | --- |
| country  required | String.  Which country the provider belongs |
| brands  required | An Array.  Current country predefined SIP trunk/providers object collection. |

#### Predefined Provider object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of SIP trunk/provider |
| hostname  required | String.  The SIP Server hostname of provider. It is a domain or IP address. |
| port  required | Number.  SIP Server port number |
| outbound\_server  required | String.  Outbound server |
| outbound\_server\_port  required | Number.  Outbound server port |
| reregister\_interval  required | Number.  Re-register interval seconds |
| website  required | String.  The official website of provider |

### Example Result

{

"provider\_brands": [

{

"country": "US",

"brands": [

{

"provider\_brand": "Ironton Global",

"website": "http://www.irontonglobal.com/",

"hostname": "204.186.16.116",

"port": 5060,

"outbound\_server": "",

"outbound\_server\_port": 5060,

"reregister\_interval": 120

}

]

}

]

}

## GET providers/list

Retrieving a list of SIP trunks/VoIP providers, return maximum 100 providers each time.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of providers |
| providers  required | An Array.  The provider object collection. |

#### Provider object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of provider |
| hostname  required | String.  SIP server hostname or IP address(sometimes referred to as Registrar Server) |
| port  required | Number.  SIP server host port |
| status  required | String.  Values:  “Registered” or ”Not Registered” |

### Example Result

{

“count”:1,

“providers”:[

{

“name”:”callcentric”,

“hostname”:”callcentric.com”,

“port”:5060,

“status”:”Registered”

}

]

}

## GET providers/show

Retrieving the settings of a provider.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of provider |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/show?access\_token=<token value>&name=<provider name>

### Example Result

{

“name”:”test”,

“hostname”:”callcentric.com”,

“port”:5060,

“outbound\_server”:”callcentric.com”,

“outbound\_server\_port”:5060,

“auth\_id”:”test”,

“password”:”test”,

“max\_concurrent\_calls”:100,

“reregister\_interval”:600,

“country”:”US”,

“provider\_brand”:”CallCentric”,

“website”:<http://www.callcentric.com/>,

“require\_register”:true

}

## POST providers/create

Add/set a new provider.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of provider |
| hostname  required | String.  The SIP Server hostname of provider. It is a domain or IP address. |
| port  required | Number.  SIP Server port number |
| outbound\_server  optional | String.  Outbound server |
| outbound\_server\_port  optional | Number.  Outbound server port |
| auth\_id  required | String.  Authentication ID(Aka SIP username) |
| password  required | String.  Authentication Password |
| max\_concurrent\_calls  required | Number.  Maximum concurrent calls |
| reregister\_interval  required | Number.  Re-register interval seconds |
| country  required | String.  Provider locate in which country |
| provider\_brand  required | String.  Provider |
| website  optional | String.  SIP trunk/provider website |
| require\_register  required | Bool.  This SIP trunk/provider require registered. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/create

## POST providers/update

Modify the settings of a provider.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of provider |
| hostname  optional | String.  The SIP Server hostname of provider. It is a domain or IP address. |
| port  optional | Number.  SIP Server port number |
| outbound\_server  optional | String.  Outbound server |
| outbound\_server\_port  optional | Number.  Outbound server port |
| auth\_id  optional | String.  Authentication ID(Aka SIP username) |
| password  optional | String.  Authentication Password |
| max\_concurrent\_calls  optional | Number.  Maximum concurrent calls |
| reregister\_interval  optional | Number.  Re-register interval seconds |
| country  optional | String.  Provider locate in which country |
| provider\_brand  optional | String.  SIP trunk/provider |
| website  optional | String.  SIP trunk/provider website |
| require\_register  optional | Bool.  This SIP trunk/provider require registered. |
|  |  |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/update

## POST providers/destroy

Delete a provider.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of provider |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/providers/destroy

# Inbound Rules

## GET inbound\_rules/list

Retrieving a list of inbound rules.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of inbound rules |
| rules  required | Array.  The inbound rule object collection. |

#### Inbound Rules object parameters

|  |  |
| --- | --- |
| type  required | Number.  Values:  1 – DID  2 – CID  Performs inbound call routing based on incoming caller ID. You can put the whole caller ID’s here or a mask number for incoming calls |
| name  required | String.  The name of inbound rule |
| number\_mask  required | String.  To create multiple DIDs at once, specify a range using the “-” character. For example 101-110 will create 10 DIDs. |
| office\_hours  required | String.  Configure where calls to this DID/DDI should be routed in office hours. |
| outside\_office\_hours  required | String.  Configure where calls to this DID/DDI should be routed outside office hours. |

### Example Result

{

“count”:1,

“rules”:

[

{

“type”:1,

“name”:”test”,

“number\_mask”:”110-190”,

“office\_hours”:”100”,

“outside\_office\_hours”:”End”

}

]

}

## GET inbound\_rules/show

Get the settings of an inbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of inbound rule |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/show?access\_token=<token value>&name=<rule name>

### Example Result

{

“name”:”5w”,

“type”:1,

“providers”:[“callcentric1”, “callcentric2”],

“number\_mask”:”53w5”,

“office\_hours\_action “:1,

“office\_hours\_action\_value”:””,

“outside\_office\_hours\_action “:1,

“outside\_office\_hours\_action\_value”:””

}

## POST inbound\_rules/create

Add/set a new inbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| type  required | Number.  Values:  1 – DID  2 – CID  Performs inbound call routing based on incoming caller ID. You can put the whole caller ID’s here or a mask number for incoming calls |
| name  required | String.  The name of inbound rule |
| providers  required | Array.  You want this DID/DDI rule to be applied to MUST create VoIP Provider/Trunk firstly. |
| number\_mask  required | String.  To create multiple DIDs at once, specify a range using the “-” character. For example 101-110 will create 10 DIDs. |
| office\_hours\_action  required | Number.  Values:  1 – End Call  2 – Connect to Extension  3 – Connect to Ring Group  4 – Connect to Virtual Receptionist  5 – Connect to Voice mail  6 – Forward to external number  Configure where calls should be routed during office hours. |
| office\_hours\_action\_value  required | String.  Offline in offices hours action value |
| outside\_office\_hours\_action  required | Number.  Values: Same to parameter “office\_hours\_action” values define.  Configure where calls should be routed outside office hours. |
| outside\_office\_hours\_action\_value  required | String.  Outside offices hours action value |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/create

## POST inbound\_rules/update

Modify the settings of an inbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of inbound rule |
| type  optional | Number.  Values:  1 – DID  2 – CID  Performs inbound call routing based on incoming caller ID. You can put the whole caller ID’s here or a mask number for incoming calls |
| providers  optional | Array.  You want his DID/DDI rule to be applied to. MUST create VoIP Provider/Trunk firstly. |
| number\_mask  optional | String.  To create multiple DIDs at once, specify a range using the ‘-‘ character. For example 101-110 will create 10 DIDs. |
| office\_hours\_action  optional | Number.  Values:  1 – End Call  2 – Connect to Extension  3 – Connect to Ring Group  4 – Connect to Virtual Receptionist  5 – Connect to Voice mail  6 – Forward to external number  Configure where calls should be routed during office hours. |
| office\_hours\_action\_value  optional | String.  Offline in offices hours action value |
| outside\_office\_hours\_action  optional | Number.  Values: Same to parameter “office\_hours\_action” values define.  Configure where calls should be routed outside office hours. |
| outside\_office\_hours\_action\_value  optional | String.  Outside offices hours action value |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/update

## POST inbound\_rules/destroy

Delete an inbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of inbound rule |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/inbound\_rules/destroy

# Outbound Rules

## GET outbound\_rules/list

Retrieving a list of outbound rules.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of outbound rules |
| rules  required | Array.  The outbound rule object collection. |

#### Outbound Rules object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of outbound rule |
| from\_extension  required | String.  Extensions. You can enter a comma separated range of extensions. For example: 101-110, 199. This will include all extensions from 101 to 110 and 199 only. |
| number\_prefix  required | String.  Calls starting with this prefix will match this outbound rule. |
| number\_length  required | Number.  NOTE: it contains the length of number prefix.  Example an input of 9-11, 15 will mean that this rule will be applied to 9, 10, 11, and 15 digit long telephone numbers only. A 12 or 13 digit long number will not be processed by this rule. |
| from\_extension\_groups  required | Array.  Extensions number of the specific groups are allowed to use this outbound rule |
| route\_provider\_1  required | String.  The primary route provider.  The name of provider/SIP trunk. MUST create VoIP Provider/Trunk firstly. |
| route\_provider\_2  required | String.  The secondary route provider for current outbound rule. |
| route\_provider\_3  required | String.  Another backup route provider. |

### Example Result

{

“count”:1,

“rules”:[

{

“name”:”obd”,

“from\_extension”:”110-101,155”,

“number\_prefix”:”0021”,

“number\_length”:15,

“from\_extension\_groups”:[“DEFAULT”],

“route\_provider\_1”:”route 1”,

“route\_provider\_2”:”route 2”,

“route\_provider\_3”:”route 3”

}

]

}

## GET outbound\_rules/show

Retrieving the settings of an outbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of outbound rule |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/show?access\_token=<token value>&name=<outbound rule name>

### Response Parameter

|  |  |
| --- | --- |
| name  required | String.  The name of outbound rule |
| from\_extension  required | String.  Extensions. You can enter a comma separated range of extensions. For example: 101-110, 199. This will include all extensions from 101 to 110 and 199 only. |
| number\_prefix  required | String.  Calls starting with this prefix will match this outbound rule. |
| number\_length  required | Number.  NOTE: it contains the length of number prefix.  Example an input of 9-11, 15 will mean that this rule will be applied to 9, 10, 11, and 15 digit long telephone numbers only. A 12 or 13 digit long number will not be processed by this rule. |
| from\_extension\_groups  required | Array.  Extensions number of the specific groups are allowed to use this outbound rule |
| route\_provider\_1  required | String.  The primary route provider.  The name of provider/SIP trunk. MUST create VoIP Provider/Trunk firstly. |
| strip\_digits\_1  required | Number.  Values: 0-9 |
| prepend\_1  required | String.  Prepend. |
| route\_provider\_2  required | String.  Backup rout will be used when the first route is either unregistered, signals busy or when a maximum number of simultaneous calls for that provider or gateway has been reached.  The secondary route provider for current outbound rule. |
| strip\_digits\_2  required | Number.  Values: 0-9 |
| prepend\_2  required | String.  Prepend. |
| route\_provider\_3  required | String.  Another route provider. |
| strip\_digits\_3  required | Number.  Values: 0-9 |
| prepend\_3  required | String.  Prepend. |

### Example Result

{

“name”:”test”,

“number\_prefix”:”9”,

“from\_extension”:”101”,

“number\_length”:15,

“from\_extension\_groups”:[“DEFAULT”],

“route\_provider\_1”:”callcentric”,

“strip\_digits\_1”:0,

“prepend\_1”: 0,

“route\_provider\_2”:”callcentric”,

“strip\_digits\_2”:0,

“prepend\_2”: 0,

“route\_provider\_3”:”callcentric”,

“strip\_digits\_3”:0,

“prepend\_3”:0

}

## POST outbound\_rules/create

Add/set a new outbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of outbound rule |
| from\_extension  required | String.  Extensions. You can enter a comma separated range of extensions. For example: 101-110, 199. This will include all extensions from 101 to 110 and 199 only. |
| number\_prefix  required | String.  Calls starting with this prefix will match this outbound rule. |
| number\_length  required | Number.  NOTE: it contains the length of number prefix.  Example an input of 9-11, 15 will mean that this rule will be applied to 9, 10, 11, and 15 digit long telephone numbers only. A 12 or 13 digit long number will not be processed by this rule. |
| from\_extension\_groups  optional | Array.  Extensions number of the specific groups are allowed to use this outbound rule |
| route\_provider\_1  required | String.  The primary route provider.  The name of provider/SIP trunk. MUST create VoIP Provider/Trunk firstly. |
| strip\_digits\_1  required | Number.  Values: 0-9 |
| prepend\_1  required | String.  Prepend. |
| route\_provider\_2  optional | String.  Backup rout will be used when the first route is either unregistered, signals busy or when a maximum number of simultaneous calls for that provider or gateway has been reached.  The secondary route provider for current outbound rule. |
| strip\_digits\_2  optional | Number.  Values: 0-9 |
| prepend\_2  optional | String.  Prepend. |
| route\_provider\_3  optional | String.  Another route provider. |
| strip\_digits\_3  optional | Number.  Values: 0-9 |
| prepend\_3  optional | String.  Prepend. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/create

## POST outbound\_rules/update

Modify the settings of an outbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of outbound rule |
| from\_extension  optional | String.  Extensions. You can enter a comma separated range of extensions. For example: 101-110, 199. This will include all extensions from 101 to 110 and 199 only. |
| number\_prefix  optional | String.  Calls starting with this prefix will match this outbound rule. |
| number\_length  optional | Number.  NOTE: it contains the length of number prefix.  Example an input of 9-11, 15 will mean that this rule will be applied to 9, 10, 11, and 15 digit long telephone numbers only. A 12 or 13 digit long number will not be processed by this rule. |
| from\_extension\_groups  optional | Array.  Extensions number of the specific groups are allowed to use this outbound rule |
| route\_provider\_1  optional | String.  The primary route provider.  The name of provider/SIP trunk. MUST create VoIP Provider/Trunk firstly. |
| strip\_digits\_1  optional | Number.  Values: 0-9 |
| prepend\_1  optional | String.  Prepend. |
| route\_provider\_2  optional | String.  Backup rout will be used when the first route is either unregistered, signals busy or when a maximum number of simultaneous calls for that provider or gateway has been reached.  The secondary route provider for current outbound rule. |
| strip\_digits\_2  optional | Number.  Values: 0-9 |
| prepend\_2  optional | String.  Prepend. |
| route\_provider\_3  optional | String.  Another route provider. |
| strip\_digits\_3  optional | Number.  Values: 0-9 |
| prepend\_3  optional | String.  Prepend. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/update

## POST outbound\_rules/destroy

Delete an outbound rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of outbound rule |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/outbound\_rules/destroy

# Ring Groups

## GET ring\_groups/list

Retrieving a list of ring groups.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of ring group |
| groups  required | An Array.  The ring group object collection. |

#### Ring Group object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of ring group |
| ring\_group\_number  required | String.  Tis must be a unique to the PBX. E.g. This cannot be an already used extension number. |
| ring\_time  required | Number.  Time in seconds that extensions will ring. |
| ring\_strategy  required | Number.  Values:  1 – Ring Simultaneous  2 – Prioritized Hunt  3 – Cyclic Hunt  4 – Least Worked Hunt  5 – Paging/Intercom  Hunt Mode ring extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked rings extension who lest worked in history |

### Example Result

{

“count”:1,

“groups”:[

{

“ring\_group\_number”:”9999”,

“name”:”jgfhj”,

“ring\_time”:20,

“ring\_strategy”:1

}

]

}

## GET ring\_groups/show

Retrieving the settings of a ring group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| ring\_access\_token  required | Access token for the current user |
| ring\_group\_number  required | String.  The number of ring group |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/show?access\_token=<token value>& ring\_group\_number=<ring group number>

### Response Parameter

|  |  |
| --- | --- |
| name  required | String.  The name of ring group |
| ring\_group\_number  required | String.  Tis must be a unique to the PBX. E.g. This cannot be an already used extension number. |
| ring\_time  required | Number.  Time in seconds that extensions will ring. |
| ring\_strategy  required | Number.  Values:  1 – Ring Simultaneous  2 – Prioritized Hunt  3 – Cyclic Hunt  4 – Least Worked Hunt  5 – Paging/Intercom  Hunt Mode ring extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked rings extension who lest worked in history |
| enable\_skip\_busy\_member  required | Boolean.  Values: true or false  Whether skip member when it on call |
| members  required | Array.  The members in current Ring Group |
| no\_answer\_action  required | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Ring Group  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  required | String.  Destination if no answer action value |

### Example Result

{

"ring\_group\_number":"9999",

"name":"rg9999",

"ring\_time":20,

"ring\_strategy":1,

"enable\_skip\_busy\_member":true,

"members":["101"],

"no\_answer\_action ":1,

"no\_answer\_action\_value":""

}

## POST ring\_groups/create

Add/set a new ring group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of ring group |
| ring\_group\_number  required | String.  Tis must be a unique to the PBX. E.g. This cannot be an already existed extension number. |
| ring\_time  required | Number.  Time in seconds that extensions will ring. |
| ring\_strategy  required | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  5 – Paging/Intercom  Hunt Mode ring extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked rings extension who lest worked in history |
| enable\_skip\_busy\_member  required | Boolean.  Values: true or false  Whether skip member when it on call |
| members  required | Array.  The members in current Ring Group |
| no\_answer\_action  required | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Ring Group  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  required | String.  Destination if no answer action value |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/create

### Remarks

Ignore the ring time and no\_answer\_action, no\_answer\_action\_value if the ring\_strategy is 5(paging/intercom)

## POST ring\_groups/update

Modify the settings of a ring group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| ring\_group\_number  required | String.  This must be a unique to the PBX. E.g. |
| name  optional | String.  The name of ring group |
| ring\_time  optional | Number.  Time in seconds that extensions will ring. |
| ring\_strategy  optional | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  5 – Paging/Intercom  Hunt Mode ring extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked rings extension who lest worked in history |
| enable\_skip\_busy\_member  optional | Boolean.  Values: true or false  Whether skip member when it on call |
| members  optional | Array.  The members in current Ring Group |
| no\_answer\_action  optional | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Ring Group  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  optional | String.  Destination if no answer action value |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/update

### Remarks

Ignore the ring time and no\_answer\_action, no\_answer\_action\_value if the ring\_strategy is 5(paging/intercom)

## POST ring\_groups/destroy

Delete a ring group.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| ring\_group\_number  required | String.  The number of ring group |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/ring\_groups/destroy

# Call Queues

## GET call\_queues/list

Retrieving a list of call queues.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of call queue |
| queues  required | Array.  The call queue object collection. |

#### Call queue object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of call queue |
| queue\_number  required | String.  This MUST be an extension number. |
| polling\_strategy  required | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  5 - Paging  6 - Intercom  Hunt Mode polling extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked polling extension who lest worked in history |
| status  required | String.  Values: ”Online” or “Offline”  Values are not case sensitive. |

### Example Result

{

"count":1,

"queues":[

{

"queue\_number":"9999",

"name":"cq9999",

"polling\_strategy":1,

"status":"online"

}

]

}

### Develop Notes

Gateway 转发该请求至PBX.

## GET call\_queues/show

Retrieving the settings of a call queue.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| queue\_number  required | String.  The number of call queue |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/show?access\_token=<token value>&queue\_number=<call queue number>

### Response Parameter

|  |  |
| --- | --- |
| name  required | String.  The name of call queue |
| queue\_number  required | String.  This MUST be an extension number. |
| ring\_time  required | Number.  Time in seconds that extensions will ring. |
| polling\_strategy  required | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  5 - Paging  6 - Intercom  Hunt Mode polling extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked polling extension who lest worked in history |
| max\_callers  required | Number.  The maximum of callers allow in queue |
| music\_on\_hold  required | String.  Which prompt file for music on hold |
| enable\_skip\_busy\_member  required | Boolean.  Values: true or false  Whether skip member when it on call |
| members  required | Array.  The members in current Call queue |
| no\_answer\_action  required | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Call queue  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  required | String.  Destination if no answer action value |
| enable\_intro\_prompt  required | Boolean.  Values: true or false.  Enable Queue introduction prompt |
| intro\_prompt\_file  semi-required | String.  Introduction prompt files  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| enable\_play\_full\_intro  semi-required | Boolean.  Values: true or false.  Whether play full introduction prompt before calling agents  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| max\_wait\_time  required | Number.  This is the maximum time (seconds) limit for some waiting in the queue. After this time interval, the call will be forwarded to the “Destination if no answer” configuration setting. |
| enable\_announce\_caller\_position  required | Boolean.  Values: true or false.  Queue will announce the actual position of the caller currently waiting in the queue. |
| announce\_caller\_position\_interval  semi-required | Number.  Only enabled announce position to caller, this parameter will available.  This is the interval in seconds between one announcement and the next |

### Example Result

{

"queue\_number":"101",

"name":"cq101",

"ring\_time":20,

"polling\_strategy":1,

"no\_answer\_action":1,

"no\_answer\_action\_value":"",

"max\_callers":10,

"music\_on\_hold":"test.wav",

“enable\_skip\_busy\_member”:true,

"members":["105", "106", "107"],

"enable\_intro\_prompt":true,

"enable\_play\_full\_intro":false,

"intro\_prompt\_file":"intro.wav",

"max\_wait\_time":1800,

"enable\_announce\_caller\_position":true,

"announce\_caller\_position\_interval":60

}

### Develop Notes

Gateway 转发该请求至call queue

## POST call\_queues/create

Add/set a new call queue.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/create

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| name  required | String.  The name of call queue |
| queue\_number  required | String.  Queue extension number.  NOTE: MUST a not-exist extension. |
| ring\_time  required | Number.  Time in seconds that extensions will ring. |
| polling\_strategy  required | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  Hunt Mode polling extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked polling extension who lest worked in history |
| max\_callers  required | Number.  The maximum of callers allow in queue |
| music\_on\_hold  required | String.  Which prompt file for music on hold |
| music\_on\_hold\_diskname  required | String.  Which prompt file for music on hold |
| members  optional | Array.  The members in current Call queue |
| enable\_skip\_busy\_member  required | Boolean.  Values: true or false  Whether skip member when it on call |
| no\_answer\_action  required | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Call queue  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  required | String.  Destination if no answer action value |
| enable\_intro\_prompt  required | Boolean.  Values: true or false.  Enable Queue introduction prompt |
| intro\_prompt\_file  semi-required | String.  Introduction prompt files  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| intro\_prompt\_file\_diskname  semi-required | String.  Introduction prompt files  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| enable\_play\_full\_intro  optional | Boolean.  Values: true or false.  Whether play full introduction prompt before calling agents  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| max\_wait\_time  required | Number.  This is the maximum time (seconds) limit for some waiting in the queue. After this time interval, the call will be forwarded to the “Destination if no answer” configuration setting. |
| enable\_announce\_caller\_position  required | Boolean.  Values: true or false.  Queue will announce the actual position of the caller currently waiting in the queue. |
| announce\_caller\_position\_interval  semi-required | Number.  Only enabled announce position to caller, this parameter will available.  This is the interval in seconds between one announcement and the next. Minimum 10 seconds |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/create

### Develop Notes

Gateway首先转发该请求至PBX创建extension，如果成功创建，PBX返回该extension信息，例如

{“call\_queue\_password”:”test”,”ring\_group\_number”:”555”}, Gateway在原始请求中插入PBX返回的数据，并转发请求至Call Queue服务器

## POST call\_queues/update

Modify the settings of an call queue.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | Request formats? |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| queue\_number  required | String.  Queue extension number. |
| name  optional | String.  The name of call queue |
| ring\_time  optional | Number.  Time in seconds that extensions will ring. |
| polling\_strategy  optional | Number.  Values:  1 - Ring Simultaneous  2 - Prioritized Hunt  3 - Cyclic Hunt  4 - Least Worked Hunt  Hunt Mode polling extensions one by one,  Ring Simultaneous Mode rings all the extensions at once  Least Worked polling extension who lest worked in history |
| max\_callers  optional | Number.  The maximum of callers allow in queue |
| music\_on\_hold  optional | String.  Which prompt file for music on hold |
| music\_on\_hold  optional | String.  Which prompt file for music on hold |
| members  optional | Array.  The members in current Call queue |
| enable\_skip\_busy\_member  optional | Boolean.  Values: true or false  Whether skip member when it on call |
| no\_answer\_action  optional | Number.  Values:  1 - End Call  2 - Connect to Extension  3 - Connect to Call queue  4 - Connect to Virtual Receptionist  5 - Voicemail box for Extension  6 - Connect to external number  7 - Repeat  Destination if no answer action |
| no\_answer\_action\_value  optional | String.  Destination if no answer action value |
| enable\_intro\_prompt  optional | Boolean.  Values: true or false.  Enable Queue introduction prompt |
| intro\_prompt\_file  semi-optional | String.  Introduction prompt files  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| intro\_prompt\_file\_diskname  semi-required | String.  Introduction prompt files  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| enable\_play\_full\_intro  semi-optional | Boolean.  Values: true or false.  Whether play full introduction prompt before calling agents  Pre-required: “enable\_intro\_prompt” MUST be set to true |
| max\_wait\_time  optional | Number.  This is the maximum time (seconds) limit for some waiting in the queue. After this time interval, the call will be forwarded to the “Destination if no answer” configuration setting. |
| enable\_announce\_caller\_position  optional | Boolean.  Values: true or false.  Queue will announce the actual position of the caller currently waiting in the queue. |
| announce\_caller\_position\_interval  semi-optional | Number.  Only enabled announce position to caller, this parameter will available.  This is the interval in seconds between one announcement and the next.  Minimum 10 seconds |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/update

### Develop Notes

Gateway首先转发该请求至PBX，PBX响应成功 返回该extension信息，例如

{“call\_queue\_password”:”test”,”ring\_group\_number”:”555”}, Gateway在原始请求中插入PBX返回的数据，并转发请求至Call Queue服务器

## POST call\_queues/destroy

Delete a call queue.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | Request formats? |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| queue\_number  required | String.  The extension number of call queue |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_queues/destroy

### Develop Notes

Gateway首先转发该请求至PBX， 如果PBX返回成功，则Gateway转发请求至Call Queue服务器

# Tenant

doc/API Gateway/Account Interface.docx

# Voice Mail

## GET voice\_mail/show

Retrieving the settings of user voice mail.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/voice\_mail/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/voice\_mail/show?access\_token=<token value>

### Response Parameter

|  |  |
| --- | --- |
| voice\_mail\_number  required | String.  The number of extension |
| voice\_mail\_not\_save\_if\_less\_seconds  required | Number.  Don’t save voice mails that less than some seconds |
| used\_space  required | Number.  Voice mail storage space |
| auto\_cleaning\_voicemail\_days  semi-required | Number.  The unit is days. |

### Example Result

{

"voice\_mail\_number":"555",

"voice\_mail\_not\_save\_if\_less\_seconds":1,

"used\_space":50,

"auto\_cleaning\_voicemail\_days":10

}

## POST voice\_mail/update

Modify the settings of user voice mail.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/voice\_mail/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| voice\_mail\_number  optional | String.  The number of voice mail. |
| voice\_mail\_not\_save\_if\_less\_seconds  optional | Number.  Don’t save voice mails that less than some seconds. |
| auto\_cleaning\_voicemail\_days  semi-optional | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_voicemail” MUST set to true |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/voice\_mail/update

### Develop Notes

1. When request contains parameter “voice\_mail\_number” and not empty then API Gateway send request to PBX，PBX verify permissions and detect the voice\_mail\_number(system extension) exist or not.
   1. When permissions verification is successfully and the extension does not exist then create it (dynamically generated extension password).
   2. When extension is created successfully or extension already exist，PBX Update the voice mail details and respond 200 OK to gateway.
   3. Gateway now update to Voice Mail server.
2. When request not contains parameter “voice\_mail\_number”，API Gateway forwards the request to Voice Mail Server directly.

# Call Sessions

## GET call\_sessions/list

Retrieving a list of session, gets 100 session each time.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| start\_position  required | Number. |
| end\_position | Number |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/list?access\_token=<token\_value>&start\_position=1&end\_position=100

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| start\_position  required | Number. |
| end\_position  required | Number. |
| remaining\_sessions  required | Number.  The remaining number of sessions |
| sessions  required | Array.  The call session object collection. |

#### Call session object parameters

|  |  |
| --- | --- |
| session\_id  required | Number.  The ID of call session |
| caller  required | String. |
| callee  required | String. |
| start\_time  required | Number.  Communication start time.  The number of seconds since 1970-01-01 00:00:00 |
| answered\_time  required | Number.  Callee answer call time  The number of seconds since 1970-01-01 00:00:00 |
| duration  required | Number.  Call duration. |

### Example Result

{

"max\_cursor":1,

"count":1,

"sessions":[

{

"caller":"101"

"callee":"105",

"session\_id":50,

"start\_time":*1445974675*,

"answered\_time":*1445974675*,

"duration":100

}

]

}

## POST call\_sessions/create

Start a call between two extensions.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| call\_from  required | String.  The caller |
| call\_to  required | String.  The callee |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/create

## POST call\_sessions/destroy

End a call session.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| session\_id  required | Number.  The ID of call session |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_sessions/destroy

# Recording Management

## GET recordings/list

Retrieving a list of record.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| enable\_filter\_by\_id  optional | Boolean.  Values: true or false  NOTE: if current parameter be set to true, “filter\_by\_id\_type” and “filter\_by\_id\_value” MUST setup |
| filter\_by\_id\_type  semi-optional | Number.  Values:  1 – Caller ID  2 – Callee ID  Pre-required: Filter by ID MUST enabled. |
| filter\_ by\_id\_value  semi-optional | String.  Which ID used to filter.  Pre-required: Filter by ID MUST enabled. |
| enable\_filter\_by\_date  optional | Boolean.  Values: true or false  NOTE: if current parameter be set to true, “filter\_by\_date\_from” and “filter\_by\_date\_to” MUST setup |
| filter\_by\_date\_from  semi-optional | String.  Filter start date.  Format:  <day>/<month>/<year>  Such as: “03/11/2016”  NOTE: ‘/’ must be encoded with ‘%2F’ in HTTP request URL |
| filter\_by\_date\_to  semi-optional | String.  Filter end date. |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/list?access\_token=<token\_value>&enable\_filter\_by\_id=true&filter\_by\_id\_type=1&filter\_by\_id\_value=101&enable\_filter\_by\_date=true&filter\_by\_date\_from=03%2F11%2F2016&filter\_by\_date\_to=03%2F25%2F2016

OR

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/list?access\_token=<token\_value>&enable\_filter\_by\_id=false&enable\_filter\_by\_date=false

OR

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/list?access\_token=<token\_value>&enable\_filter\_by\_id=false&enable\_filter\_by\_date=true&filter\_by\_date\_from=03%2F11%2F2016&filter\_by\_date\_to=03%2F25%2F2016

OR

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/list?access\_token=<token\_value>&enable\_filter\_by\_id=true&filter\_by\_id\_type=1&filter\_by\_id\_value=101&enable\_filter\_by\_date=false

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| records  required | An Array.  The record object collection. |

#### Record object parameters

|  |  |
| --- | --- |
| extension\_number  required | String.  The number of extension. |
| file\_name  required | String.  The name of record file |
| date  required | Number.  The record file created date  The number of seconds since 1970-01-01 00:00:00 |
| size  required | Number.  File size. The unit is MB. |

### Example Result

{

"count":1,

"records":

[

{

"extension\_number":"101"

"file\_name":"record1.wav"

"date":1445974675,

"size":5

}

]

}

## POST recordings/destroy

Delete a record file.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats? | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| extension\_number  required | String.  The number of extension |
| file\_name  required | String.  The record file name |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/recordings/destroy

# Call Reports

## GET call\_reports/list

Retrieving a list of call histories, gets 100 history each time.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_reports/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| start\_position  required |  |
| end\_position  required |  |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_reports/list?access\_token=<token\_value>&cursor=1

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of extensions |
| details  required | Array.  The call report object collection. |

#### Details array element parameters

|  |  |
| --- | --- |
| call\_id  required | String.  The ID of call. |
| caller  required | String. |
| callee  required | String |
| start\_time  required | Number. |
| answer\_time  required | Number |
| end\_time  required | Number |
| duration  required | Number |
| call\_prefix  required | String |
| rate\_value  required | String |
| cost  required | String |

### Example Result

{

"count":1,

"details":[

{"call\_id":"101ffertwyy4"

"caller":"abcdefg",

"callee":"1",

"start\_time":1,

"answer\_time":1,

"end\_time":1,

"duration":1,

"call\_prefix":"0731",

"rate\_value":"1.23",

"cost":"23.56"

}

]

}

## GET call\_reports/show

Retrieving the details of a call record.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_tickets/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| call\_id  required | String.  Call ID |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_reports/show?access\_token=<token\_value>&call\_id=af241aj

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number. |
| targets  required | Array. |

**Targets array element object**

|  |  |
| --- | --- |
| destination  required | String.  Caller |
| add\_time  required | Number. |
| answer\_time  required | Number. |
| end\_time  required | Number |
| talk\_time  required | Number |
| end\_reason  required | String |
| fail\_code  required | Number |

### Example Result

{

"count":1,

"targets":[

{

“destination”:”123213”,

“add\_time”:213,

“answer\_time”:213,

“end\_time”:213,

“duration”:213,

“status”:1,

“fail\_code”:123}

]

}

## POST call\_reports/export

Modify the search settings of call reports.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_reports/export

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |  |
| --- | --- | --- |
| access\_token  required |  | Access token for the current user |
| date\_from  required |  | String.  Formatted data time |
| date\_to  required |  | String  Formatted data time |
| format  required |  | String  CSV or XML |
| mail\_to  required |  | String |
| source  required |  | Object.  Source object |
| destination  required |  | Object.  Destination object |
| duration  optional |  | Object |
| call\_status  required |  | Number  1: - all  2: established calls |

#### Source Object Parameter

|  |  |
| --- | --- |
| source\_type  required | Number  1 – Any  2 – Match a number  3 – Match the number prefix  4 – The string which included in the number  5 – The inbound and outbound calls  6 – The calls between extensions |
| source\_value  required | String.  The value of the source type |

#### Destination Object Parameter

|  |  |
| --- | --- |
| dest\_type  required | Number  1 – Any  2 – Match a number  3 – Match the number prefix  4 – The string which included in the number  5 – The inbound and outbound calls  6 – The calls between extensions |
| dest\_value  required | String.  The value of the source type |

#### Duration Object Parameter

|  |  |
| --- | --- |
| duration\_from  required | Number  Duration in seconds |
| duration\_to  required | Number  Duration in seconds |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/call\_reports/create

# Billing

## GET billing/list

Retrieving a list of call rate.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/list?access\_token=<token\_value>

### Response Parameters

|  |  |  |
| --- | --- | --- |
| count  required | Number.  The number of extensions | |
| call\_rates  required | | Array.  The call rate object collection | |

#### Call Rate object parameter

|  |  |
| --- | --- |
| call\_prefix  required | String.  Current rate apply to calls starting with this prefix  NOTE: Which cannot be changed |
| rate  required | String. |
| name  required | String.  The name of call rate |
| currency\_unit  required | String.  Values:  “USD” or “CNY” or “GBP” or “EUR” |
| timing\_unit  required | String.  “minutes”  “seconds” |

### Example Result

{

"count":2,

"call\_rates":[

{"call\_prefix":"0010"

"rate":0.05,

“name”:”To China”,

"currency\_unit":"USD",

"timing\_unit":”seconds”

},

{"call\_prefix":"0086"

"rate":0.03,

“name”:”To US”,

"currency\_unit":"EUR",

"timing\_unit":”seconds”

}

]

}

## POST billing/create

Create a billing rate.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/create

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats? | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |  |
| --- | --- | --- |
| access\_token  required | Access token for the current user | |
| call\_prefix  required | String.  Number prefix | |
| rate  required | String. |
| name  required | String. |
| currency\_unit  required | String.  Values:  “USD” or “CNY” or “GBP” or “EUR” |
| timing\_unit  required | String.  “minutes”  “seconds” |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/create

## POST billing/update

Modify the billing settings of a rate.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats? | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |  |
| --- | --- | --- |
| access\_token  required | Access token for the current user | |
| name  required | String. | |
| call\_prefix  required | String.  Number prefix, can’t be modified. | |
| rate  optional | String. |
| currency\_unit  optional | String.  Values:  “USD” or “CNY” or “GBP” or “EUR” |
| timing\_unit  optional | String.  “minutes”  “seconds” |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/update

## POST billing/destroy

Delete a billing rate rule.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats? | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| call\_prefix  required | String.  Number prefix |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/billing/destroy

# Number Blacklist

## GET number\_blacklist/list

Retrieving the number blacklist.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/list

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| black\_numbers  required | Array.  The extension object collection |

#### Extension object parameter

|  |  |
| --- | --- |
| black\_number  required | String.  The number of extension |
| description  required | String.  informational purposes |

### Example Result

{

"black\_numbers":[

{"black\_number":"101", "description":"xxxx"},

{"black\_number":"102", "description":"xxxx"}

]

}

## POST number\_blacklist/create

Add an extension number to blacklist.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/create

### Resource Information

|  |  |
| --- | --- |
| Request format? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| black\_number  required | String.  The number of extension |
| description  required | String.  informational purposes |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/create

## POST number\_blacklist/destroy

Remove an extension number from the blacklist.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/destroy

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| black\_number  required | String.  The number of extension |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/number\_blacklist/destroy

# Settings

## GET settings/show

Retrieving the global settings of PortSIP PBX.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>

/settings/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>

/call\_manager /show?access\_token=123123s

### Response Parameters

|  |  |
| --- | --- |
| general  required | Object.  The general settings of PortSIP PBX |
| quota  required | Object.  The quota settings of PortSIP PBX |
| paging\_intercom  required | Object  The Paging/Intercom settings of PortSIP PBX |

#### General Settings Object Parameter

|  |  |
| --- | --- |
| enable\_sip\_message\_log  required | Boolean.  Values: true or false.  Whether enable SIP message logging |
| enable\_ipv6  required | Boolean.  Values: true or false.  Whether enable IPv6 |
| enable\_digest\_auth  required | Boolean.  Values: true or false.  Whether enable DIGEST authentication |
| enable\_auth\_mid\_dialog  required | Boolean.  Values: true or false.  Whether PortSIP PBX requires authenticate of all requests in dialogs |
| enable\_digest\_auth\_int  required | Boolean.  Values: true or false.  Whether enable the auth-int digest authentication mode |
| enable\_reject\_bad\_nonce  required | Boolean.  Values: true or false.  Send 403 if a client sends a bad nonce in their credentials if this parameter is true. Will send a challenge if this parameter is false. |
| statistics\_log\_interval  required | Number.  Statistics log interval seconds. |
| dead\_session\_timeout  required | Number.  Close the session if there no RTP packet received within some seconds. |
| enable\_session\_timer  required | Boolean.  Values: true or false.  Whether enable the session timer(RFC 4028), this also requires the client support |
| session\_timer\_duration  semi-required | Number.  Pre-required: “enable\_session\_timer” MUST setup to true |
| enable\_to\_tag\_in\_register  required | Boolean.  Values: true or false.  Whether allow “to” tag in REGISTER message |
| enable\_congestion\_management  required | Boolean.  Values: true or false.  Whether enable congestion management |
| congestion\_management\_metric  semi-required | Number.  Values:  1 – WAIT\_TIME  2 – TIME\_DEPTH  3 – SIZE  Firstly “enable\_congestion\_management” parameter MUST be set to true.  The recommend value is WAIT\_TIME, based on the expected wait time for each FIFO; this is calculated by multiplying the size by the average service time. |
| congestion\_management\_tolerance  semi-required | Number.  Values: 80 or 100 or 100  Firstly “enable\_congestion\_management” parameter MUST be set to true.  Congestion management tolerance for the given metric. This determines when the Rejection Behavior changes, The recommend value is 80. |
| enable\_create\_non\_exist\_extension  required | Boolean.  Values: true or false.  Whether enable automatically create the extension when a non-existent extension try to register. |
| presence\_mode  required | Number。  Values:  1 – Peer to Peer  2 – Presence Server Agent(Require the client support PUBLISH) |
| primary\_dns\_server  required | String.  Primary DNS Server |
| secondary\_dns\_server  required | String.  Secondary DNS Server |
| pbx\_ip  required | String.  The IP for PortSIP PBX |
| pbx\_mode  required | String.  The PBX mode, can be “public network” or “private network”. |

#### Quota Settings Object Parameter

|  |  |
| --- | --- |
| max\_recordings\_quota  required | Number.  The maximum size of recordings quota(MB)  NOTE: “-1” for unlimited |
| max\_voicemail\_quota  required | Number.  The maximum size of voicemail quota(MB)  NOTE: “-1” for unlimited |
| used\_ recordings\_quota  required | Number.  The size of recordings quota used(MB) |
| used\_voicemail\_quota  required | Number.  The size of voicemail quota used(MB) |
| enable\_auto\_cleaning\_recordings  semi-required | Boolean.  Values: true or false.  Automatically enabled delete all recordings older than some days. |
| auto\_cleaning\_recordings\_days  semi-required | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_recordings” MUST set to true |
| enable\_auto\_cleaning\_voicemail  semi-required | Boolean.  Values: true or false.  Whether enabled automatically delete all voicemail older than some days. |
| auto\_cleaning\_voicemail\_days  semi-required | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_voicemail” MUST set to true |
| enable\_auto\_cleaning\_logs  semi-required | Boolean.  Values: true or false.  Whether enabled automatically delete all logs older than some days. |
| auto\_cleaning\_logs\_days  semi-required | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_logs” MUST set to true |
| enable\_auto\_cleaning\_call\_reports  required | Boolean.  Values: true or false.  Whether enabled automatically delete all logs older than some days. |
| auto\_cleaning\_call\_reports\_days  semi-required | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_call\_reports” MUST set to true |

#### Paging/Intercom Settings Object Parameter

|  |  |
| --- | --- |
| dial\_code  required | String.  Configure dial code |
| auto\_answer\_alert\_info\_header  required | Number.  Values:  1 – intercom  2 – alert-autoanswer  3 – Auto Answer |
| enable\_auto\_answer\_call\_info\_header  required | Boolean.  Enable call-info header for auto answer |
| enable\_require\_answer\_mode  required | Boolean.  Enable requesting answering modes(RFC 5373) for the Session Initiation Protocol(SIP) |

### Example Result

{

"general": {

"enable\_sip\_message\_log":true,

"enable\_ipv6":false,

"enable\_auth\_mid\_dialog":false,

"enable\_digest\_auth":false,

"enable\_digest\_auth\_int":true,

"enable\_reject\_bad\_nonce":false,

"statistics\_log\_interval":600,

"dead\_session\_timeout":120,

"enable\_session\_timer":true,

"session\_timer\_duration":300,

"enable\_to\_tag\_in\_register":false,

"enable\_congestion\_management":false,

"congestion\_management\_metric":null,

"congestion\_management\_tolerance":null,

"presence\_mode":1,

"primary\_dns\_server":"portsip.com",

"secondary\_dns\_server":"portpbx.com",

"pbx\_ip":"192.168.1.1 ",

"pbx\_mode":"private network ",

},

"quota": {

"max\_recordings\_quota":-1,

"max\_voicemail\_quota":-1,

"used\_ recordings\_quota":10,

"used\_voicemail\_quota":10,

"enable\_auto\_cleaning\_recordings":true,

"auto\_cleaning\_recordings\_days":20,

"enable\_auto\_cleaning\_voicemail":true,

"auto\_cleaning\_voicemail\_days":15,

"enable\_auto\_cleaning\_logs":true,

"auto\_cleaning\_logs\_days":30,

"enable\_auto\_cleaning\_call\_reports":true,

"auto\_cleaning\_call\_reports":30

},

"paging\_intercom": {

"dial\_code":"\*10",

"auto\_answer\_alert\_info\_header":1,

"enable\_auto\_answer\_call\_info\_header":true,

"enable\_require\_answer\_mode":true

}

}

## POST settings/update

Modify the global settings of PortSIP PBX.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>

/settings/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| general  optional | Object.  The general settings of PortSIP PBX |
| quota  optional | Object.  The quota settings of PortSIP PBX |
| paging\_intercom  optional | Object  The Paging/Intercom settings of PortSIP PBX |

#### General Settings Object Parameter

|  |  |
| --- | --- |
| enable\_sip\_message\_log  optional | Boolean.  Values: true or false.  Whether enable SIP message logging |
| enable\_ipv6  optional | Boolean.  Values: true or false.  Whether enable IPv6 |
| enable\_digest\_auth  optional | Boolean.  Values: true or false.  Whether enable DIGEST authentication |
| enable\_auth\_mid\_dialog  optional | Boolean.  Values: true or false.  Whether PortSIP PBX requires authenticate of all requests in dialogs |
| enable\_digest\_auth\_int  optional | Boolean.  Values: true or false.  Whether enable the auth-int digest authentication mode |
| enable\_reject\_bad\_nonce  optional | Boolean.  Values: true or false.  Send 403 if a client sends a bad nonce in their credentials when this parameter is true. Will send a challenge when this parameter is false. |
| enable\_create\_non\_exist\_extension  optional | Boolean.  Values: true or false.  Whether enable automatically create the extension when a non-existent extension try to register. |
| statistics\_log\_interval  optional | Number.  Statistics log interval seconds. |
| dead\_session\_timeout  optional | Number.  Close the session if there no RTP packet received within some seconds. |
| enable\_session\_timer  optional | Boolean.  Values: true or false.  Whether enable the session timer(RFC 4028), this also requires the client support |
| session\_timer\_duration  semi-optional | Number.  Pre-required: “enable\_session\_timer” MUST setup to true |
| enable\_to\_tag\_in\_register  optional | Boolean.  Values: true or false.  Whether allow “to” tag in REGISTER message |
| enable\_congestion\_management  optional | Boolean.  Values: true or false.  Whether enable congestion management |
| congestion\_management\_metric  semi-optional | Number.  Values:  1 – WAIT\_TIME  2 – TIME\_DEPTH  3 – SIZE  Firstly “enable\_congestion\_management” parameter MUST be set to true.  The recommend value is WAIT\_TIME, based on the expected wait time for each FIFO; this is calculated by multiplying the size by the average service time. |
| congestion\_management\_tolerance  semi-optional | Number.  Values: 80 or 100 or 100  Firstly “enable\_congestion\_management” parameter MUST be set to true.  Congestion management tolerance for the given metric. This determines when the Rejection Behavior changes, The recommend value is 80. |
| presence\_mode  optional | Values:  1 – Peer to Peer  2 – Presence Server (Require the client support PUBLISH) |
| primary\_dns\_server  optional | String.  Primary DNS Server |
| secondary\_dns\_server  optional | String.  Secondary DNS Server |
| public\_ip  optional | String.  The public IP for PortSIP PBX |
| private\_ip  optional | String.  The private IP for PortSIP PBX |

#### Quota Settings Object Parameter

|  |  |
| --- | --- |
| enable\_auto\_cleaning\_recordings  optional | Boolean.  Values: true or false.  Automatically enabled delete all recordings older than some days. |
| auto\_cleaning\_recordings\_days  semi-optional | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_recordings” MUST set to true |
| enable\_auto\_cleaning\_voicemail  optional | Boolean.  Values: true or false.  Whether enabled automatically delete all voicemail older than some days. |
| auto\_cleaning\_voicemail\_days  semi-optional | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_voicemail” MUST set to true |
| enable\_auto\_cleaning\_logs  optional | Boolean.  Values: true or false.  Whether enabled automatically delete all logs older than some days. |
| auto\_cleaning\_logs\_days  semi-optional | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_logs” MUST set to true |
| enable\_auto\_cleaning\_call\_reports  optional | Boolean.  Values: true or false.  Whether enabled automatically delete all logs older than some days. |
| auto\_cleaning\_call\_reports\_days  semi-optional | Number.  The unit is days.  Pre-required: “enable\_auto\_cleaning\_call\_reports” MUST set to true |
| max\_recordings\_quota  optional | Number.  The unit is MB.  Pre-required: |
| max\_voicemail\_quota  optional | Number.  The unit is MB. |

#### Paging/Intercom Settings Object Parameter

|  |  |
| --- | --- |
| dial\_code  optional | String.  Configure dial code |
| auto\_answer\_alert\_info\_header  optional | Number.  Values:  1 – intercom  2 – alert-autoanswer  3 – Auto Answer |
| enable\_auto\_answer\_call\_info\_header  optional | Boolean.  Enable call-info header for auto answer |
| enable\_require\_answer\_mode  optional | Boolean.  Enable requesting answering modes(RFC 5373  ) for the Session Initiation Protocol(SIP) |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>

/settings/update

## GET settings/pbx\_mode\_ip/show

Return the PBX IP and mode setting.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/settings/pbx\_mode\_ip/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/settings /pbx\_mode\_ip?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| pbx\_ip  required | String.  The PortSIP PBX’s IP. |
| pbx\_mode  required | String.  The PortSIP PBX’s working mode, “public network” or “private network”. |

### Example Result

{

"pbx\_ip":"192.168.1.10",

"pbx\_mode":"public network"

}

## POST settings/pbx\_mode\_ip/update

Modify the settings for PBX IP and mode.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/settings/pbx\_mode\_ip/update

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| pbx\_ip  required | String.  The PortSIP PBX’s IP. |
| pbx\_mode  required | String.  The PortSIP PBX’s working mode, “public network” or “private network”. |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/settings/pbx\_ip\_mode/update

# Services

## GET services/status

Return the current status of all services.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/services/status

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/services/status?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| services  required | Array.  The service object collection |

#### Service object parameter

|  |  |
| --- | --- |
| service\_id  required | Number.  Values:  1-PortSIP Call Manager  2-PortSIP Media Server  3-PortSIP Voice Mail  4-PortSIP Virtual Receptionist  5-PortSIP Conference Server  6-PortSIP Call Queue |
| status  required | String.  “Running” or “Stopped” |

### Example Result

{

"services":[

{"service\_id":1, "status":"Running"},

{"service\_ id":2, "status":"Running"},

{"service\_ id":3, "status":"Running"},

{"service\_id":4, "status":"Running"},

{"service\_id":5, "status":"Running"},

{"service\_id":6, "status":"Running"}

]

}

## POST services/update

Modify the status of a PortSIP PBX’s Service.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/services/udpate

### Resource Information

|  |  |
| --- | --- |
| Request formats? | JSON |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| service\_id  required | Number.  Values:  1-PortSIP Call Manager  2-PortSIP Media Server  3-PortSIP Voice Mail  4-PortSIP Virtual Receptionist  5-PortSIP Conference Server  6-PortSIP Call Queue |
| op  required | Number.  Values:  1 – start service  2 – stop service  3 – restart service |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/<main page>

/services/update

# License

## GET license/show

Retrieving the global settings of PortSIP PBX.

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>/license/show

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |

### Example Request

GET

https://<PortSIP PBX domain or IP address>:<port>

/license /show?access\_token=123123s

### Response Parameters

|  |  |
| --- | --- |
| product  required | Object. |
| license\_key | String |

#### License product Object Parameter

|  |  |
| --- | --- |
| product\_name  required | String |
| version  required | String |
| edition  required | Number |

## POST license/update

Set PortSIP license

### Resource URL

https://<PortSIP PBX domain or IP address>:<port>

/license/update

### Resource Information

|  |  |
| --- | --- |
| Response formats | JSON |
| Requires authentication? | Yes |
| Rate limited? | TBD |

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| license\_key | String |

### Example Request

POST

https://<PortSIP PBX domain or IP address>:<port>/license/update