# Servers

## GET conference\_server/list

Retrieving a list of conference server.

### Resource URL

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

/conference\_server/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>

/conference\_server/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of conference server |
| servers  required | Array.  The conference server object collection. |

#### Conference Server object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of conference server |
| ip  required | String.  Conference server host IP address |
| port  required | Number.  Conference server host port |
| type  required | Number.  Values:  1 – default  2 – external  Every PortSIP PBX has a build-in conference server, typed with 1(default), but another conference server MUST type 2(external) |
| max\_rooms  required | Number.  The maximum number of room for conference server |
| max\_participants  required | Number.  The maximum number of participants for conference server |
| enabled  required | String.  Indicate the server is enabled or not. |

### Example Result

{

"count":1,

"servers":

[

{

"name":"Built-in Server",

"ip":"192.168.100.164",

"port":8878,

"enabled":true,

"type":1,

"max\_rooms":10,

"max\_participants":100,

}

]

}

### Develop Notes

这个请求只要发给PBX。

## POST conference\_server/create

Add/set a new conference server.

### Resource URL

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

/conference\_server/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 conference server |
| ip  required | String.  Conference server host IP address |
| port  required | Number.  Conference server host port |
| max\_rooms  required | Number.  The maximum number of room for current conference server |
| max\_participants  required | Number.  The maximum number of participant for current conference server |

### Example Request

POST

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

/conference\_server/create

### Develop Notes

这个请求要先发给PBX，PBX返回成功后，然后把这个请求同样发给对应的CONFERENCE SERVER。

## POST conference\_server/update

Modify the conference server settings.

### Resource URL

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

/conference\_server/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 conference server |
| max\_rooms  optional | Number.  The maximum number of room for current conference server |
| max\_participants  optional | Number.  The maximum number of participant for current conference server |

### Example Request

POST

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

/conference\_server/create

### Develop Notes

这个请求要先发给PBX，PBX返回成功后，然后把这个请求同样发给对应的CONFERENCE SERVER。

## GET conference\_server/show

Get the status of a conference server.

### Resource URL

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

/conference\_server/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 conference server |

### Example Request

GET

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

/conference\_server/show?access\_token=<token value>&name=<conference server name>

### Response Parameter

|  |  |
| --- | --- |
| name  required | String.  The name of conference server |
| ip  required | String.  Conference server host IP address |
| port  required | Number.  Conference server host port |
| rooms\_count  required | Number.  The number of current conference server room |
| participants\_count  required | Number.  The number of current conference server participants |
| max\_rooms  required | Number.  The maximum number of room for current conference server |
| max\_participants  required | Number.  The maximum number of participant for current conference server |
| cpu\_usage  required | String.  Current media server host CPU usage, such “65%” |
| memory\_usage  required | String.  Current media server host memory usage, such “35%” |

### Example Result

{

"rooms\_count":10,

"participants\_count":10,

"cpu\_usage":"1%",

"memory\_usage":"29%"

}

### Develop Notes

This request just need send to the conference server only

## POST conference\_server/destroy

Delete a conference server.

### Resource URL

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

/conference\_server/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 number of conference server |

### Example Request

POST

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

/conference\_server/destroy

### Develop Notes

This request just need send to the pbx only

# Room

## GET conference\_room/list

Retrieving a list of conference server room.

### Resource URL

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

/conference\_room/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>

/conference\_room/list?access\_token=<token\_value>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of conference server room |
| rooms  required | Array.  The conference server room object collection. |

#### Conference Server room object parameters

|  |  |
| --- | --- |
| room\_number  required | String.  Conference server room extension |
| room\_pin  required | String.  Conference server room PIN |
| admin\_pin  required | String.  The number of room admin PIN |
| server\_ip  required | String.  The conference server IP |
| server\_port  required | int.  The conference server port |
| mode  required | Number.  Values:  1 – audio conference room  2 – video conference room |
| status  required | String.  Values: “Offline” or “Online” |
| maximum\_participants  semi-required | Number.  The maximum number of participants room support |

### Example Result

{

"count":1,

"rooms":[

{

"room\_number":"155",

"room\_pin":"155",

"admin\_pin":"155",

“server\_ip”：“192.168.1.1”,

“server\_port”:8876

"mode":1,

"status":"online",

"maximum\_participants":12

}

]

}

### Develop Notes

This request just need send to the PBX only

## GET conference\_room/show

Retrieving a list of conference server room.

### Resource URL

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

/conference\_room/show

### Resource Information

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

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| room\_number  required | String.  room extension number |
| room\_id  required | String  room id |

### Example Request

GET

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

/conference\_room/show?access\_token=<token\_value>& room\_number=< room\_number >

### Response Parameters

|  |  |
| --- | --- |
| room\_number  required | String.  Conference server room extension |
| room\_pin  required | String.  Conference server room PIN |
| admin\_pin  required | String.  The number of room admin PIN |
| mode  required | Number.  Values:  1 – audio conference room  2 – video conference room |
| status  required | String.  Values: “Offline” or “Online” |
| recording  semi-required | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |
| locked  semi-required | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |
| muted  semi-required | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |
| participants  required | Number.  The number of participants in room now |
| max\_participants  semi-required | Number.  The maximum number of participants room support |

### Example Result

{

"room\_number":"155",

"room\_pin":"155",

"admin\_pin":"155",

"mode":1,

"status":"online",

"recording":false,

"locked":false,

"muted":false,

"participants":0,

"maximum\_participants":12

}

### Develop Notes

This request just need send to the Conference server only, GetAway根据前端返回的数据中room\_id转换对应的ip 地址， 发送到 ip 地址 对应的服务器

## POST conference\_room/create

Add/set a new conference room.

### Resource URL

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

/conference\_room/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 |
| room\_number  required | String.  Conference server room extension.  NOTE: MUST a not-exist extension. |
| room\_pin  required | String.  The number of room PIN. |
| admin\_pin  required | String.  The number of room admin PIN. |
| mode  required | Number.  Values:  1 – audio conference room  2 – video conference room |
| max\_participants  required | Number.  The maximum number of participant room support |

### Example Request

POST

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

/conference\_room/create

### Develop Notes

该请求首先发到PBX,当PBX创建ROOM（创建EXTENSION）成功后，PBX返回

{“room\_number”:100, “room\_extension\_password”:123,”server\_ip”:”192.168.1.1”,”server\_port”:8876}给GATEWAY, GATEWAY将该信息中room\_number和room\_extension\_password插入到原始请求之后，再根据server\_ip发送给server\_ip对应会议服务器。

## POST conference\_room/update

Modify the settings of an added conference room.

### Resource URL

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

/conference\_room/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 |
| room\_number  required | String.  Conference server room extension |
| room\_pin  optional | String.  The number of room PIN. |
| admin\_pin  optional | String.  The number of room admin PIN. |
| max\_participants  optional | Number.  The maximum number of participant room support |
| locked  optional | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |
| muted  optional | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |
| recording  optional | Boolean.  Values: true or false  Only when “status” is “online”, parameter is valid |

### Example Request

POST

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

/conference\_room/update

### Develop Notes

该请求首先发到PBX,当PBX响应成功后，PBX返回对应extension信息 例如：

{“room\_number”:100, “room\_extension\_password”:123”server\_ip”:”192.168.1.1”,”server\_port”:8876}给GATEWAY, GATEWAY将该信息中room\_number和room\_extension\_password插入到原始请求之后，再根据server\_ip发送给server\_ip对应会议服务器。

## POST conference\_room/destroy

Delete a conference server room.

### Resource URL

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

/conference\_room/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 |
| room\_number  required | String.  Conference server room extension |
| room\_id  required | String  room id |

### Example Request

POST

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

/conferece\_room/destroy

### Develop Notes

该请求先发送到pbx ，pbx 响应成功后发送至 Conference server 服务器，GetAway根据前端返回的数据中room\_id转换对应的ip 地址， 发送到 ip 地址 对应的服务器

## GET conference\_room/participants/list

Retrieving a list of conference server room participant.

### Resource URL

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

/conference\_room/participants/list

### Resource Information

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

### Request Parameters

|  |  |
| --- | --- |
| access\_token  required | Access token for the current user |
| room\_number  required | String.  Conference server room extension |
| room\_id  required | String  room id |

### Example Request

GET

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

/conference\_room/participants/list?access\_token=<token\_value>&room\_number=<room number>

### Response Parameters

|  |  |
| --- | --- |
| count  required | Number.  The number of conference server room participant |
| participants  required | Array.  The room participant object collection. |

#### Room participant object parameters

|  |  |
| --- | --- |
| participant  required | String.  Participant extension |
| muted  required | Boolean.  Values: true of false |

### Example Result

{

"count":2,

"participants":[

{"participant":"101", "muted":true},

{"participant":"102", "muted":false }

]

}

### Develop Notes

This request just need send to the conference only，GetAway根据 list返回的数据中对应的server\_ip 发送到 server\_ip 对应的服务器

## POST conference\_room/participants/update

Modify the settings of an added conference room participants.

### Resource URL

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

/conference\_room/participants/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 |
| room\_number  required | String.  Conference server room extension |
| op  required | Values:  1 – muted/unmuted  2 – invite  3 – destroy |
| participant\_extension  required | String.  Participant extension number |

### Example Request

POST

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

/conference\_room/participants/update

### Develop Notes

This request just need send to the conference only，GetAway根据 list返回的数据中对应的server\_ip 发送到 server\_ip 对应的服务器

# 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 |

## 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