# Servers

## GET media\_server/list

Retrieving a list of media server.

### Resource URL

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

/media\_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>

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

### Response Parameters

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

#### Media Server object parameters

|  |  |
| --- | --- |
| name  required | String.  The name of media server |
| ip  required | String.  Media server host IP address |
| port  required | Number.  Media server host port |
| type  required | Number.  Values:  1 – default  2 – external  Every PortSIP PBX has a build-in media server, typed with 1(default), but another added media server will typed with 2 |
| enabled  required | Boolean.  Whether PortSIP PBX enable current Media Server |
| status  required | Boolean.  Indicate the media server is connected or not |

### Example Result

{

"count":"1",

"servers":[

{

"name":"Built-in Server",

"ip":"192.168.1.113",

"port":8894,

"type":1,

"enable":true,

“status”:true

}

]

}

### Develop Notes

API Gateway将该请求发至PBX

## POST media\_server/create

Add/set a new media server.

### Resource URL

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

/media\_server/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 media server  NOTE: Cannot to be modified |
| ip  required | String.  Media server host IP address  NOTE: Cannot to be modified |
| port  required | Number.  Media server host port  NOTE: Cannot to be modified |
| max\_concurrent\_sessions  optional | Number.  Specify how many concurrent sessions your media server supports |
| enable  required | Boolean.  Whether enable current Media Server |

### Example Request

POST

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

/media\_server/create

### Develop Notes

API Gateway将该请求发至PBX 和MEDIA SERVER

## GET media\_server/show

Return the settings of an added media server.

### Resource URL

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

/media\_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 media server |

### Example Request

GET

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

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

### Response Parameter

|  |  |
| --- | --- |
| max\_concurrent\_sessions  required | Number.  Specify how many simultaneous sessions your media server supports |
| active\_call\_sessions  required | Number.  Specify how many sessions on this media server now. |
| 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

{

"max\_concurrent\_sessions":3000,

"active\_call\_sessions":0,

"cpu\_usage":"0%",

"memory\_usage":"29%"

}

### Develop Notes

Gateway转发请求至指定的MediaServer

## POST media\_server/update

Modify the settings of an added media server.

### Resource URL

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

/media\_server/update

### 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 media server  NOTE: Cannot to be modified |
| max\_concurrent\_sessions  optional | Number.  Specify how many concurrent sessions your media server supports |
| enabled  optional | Boolean.  Whether PortSIP PBX enable current Media Server |

### Example Request

POST

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

/media\_server/update

### Develop Notes

API Gateway将该请求发至PBX和对应的MEDIA SERVER

## POST media\_server/destroy

Remove a media server.

### Resource URL

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

/media\_server/destroy

### 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 number of media server |

### Example Request

POST

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

/media\_server/destroy

### Develop Notes

Gateway转发请求至PBX