

# Примеры запросов

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- /cdn/stream/access\_list/delete
- /cdn/profile/add
- /cdn/profile/modify
- /cdn/profile/print
- /cdn/profile/remove
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- /recorder/startup
- /recorder/terminate
- /recorder/find\_all
- /multipleRecorder/startup
- /multipleRecorder/add
- /multipleRecorder/remove

- /multipleRecorder/find\_all
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- /transcoder/startup
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/call/startup

| Запрос                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ответ                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/call/startup HTTP/1.1 HOST: 192.168.1.59:8081 content-length: 417 content-type: application/json  {     "callId": "123456711",     "callee": "10000",     "rtmpUrl": "rtmp://localhost:1935/live",     "rtmpStream": "stream1",     "hasAudio": "true",     "hasVideo": "true",     "sipLogin": "10009",     "sipAuthenticationName": "10009",     "sipPassword": "1234",     "sipDomain": "226.226.225.226",     "sipOutboundProxy": "226.226.225.226",     "sipPort": "5060",     "appKey": "defaultApp",     "sipRegisterRequired": "false",     "visibleName": "WCS_10009" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Mon, 27 Mar 2017 03:23:54 GMT </pre> |

/call/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

```
POST /rest-api/call/find_all HTTP
/1.1
Host: 192.168.1.101:8081
Content-Length: 0
Content-Type: application/json
```

```
HTTP/1.1 200 OK
Server: Apache-Coyote/1.1
Content-Type: application/json;charset=UTF-8
Date: Tue, 28 Mar 2017 12:13:24 GMT
```

```
[
  {
    "custom" {},
    "nodeId":null,
    "appKey":null,
    "sessionId":null,
    "callId":"
830770WQzZTRkNzIzNjk1NTI5NmUwZWFlOGU1MWU0NDVkn2U",
    "parentCallId":null,
    "incoming":true,
    "status":"ESTABLISHED",
    "sipStatus":null,
    "rtmpUrl":null,
    "rtmpStream":null,
    "rtmpStreamStatus":null,
    "caller":"005",
    "callee":"001",
    "hasAudio":true,
    "hasVideo":true,
    "sdp":"....",
    "visibleName":"005",
    "inviteParameters":null,
    "mediaProvider":"WebRTC",
    "sipMessageRaw":"....",
    "isMsrp":false,
    "target":null,
    "holdForTransfer":false
  },{
    "custom":{},
    "nodeId":null,
    "appKey":null,
    "sessionId":null,
    "callId":"e9516680-13af-11e7-af37-05c788b22e35",
    "parentCallId":null,
    "incoming":false,
    "status":"RING",
    "sipStatus":180,
    "rtmpUrl":null,
    "rtmpStream":null,
    "rtmpStreamStatus":null,
    "caller":"002",
    "callee":"005",
    "hasAudio":true,
    "hasVideo":false,
    "sdp":null,
    "visibleName":"002",
    "inviteParameters":null,
    "mediaProvider":"WebRTC",
    "sipMessageRaw":null,
    "isMsrp":false,
    "target":null,
    "holdForTransfer":false
  }
]
```

/call/find

Запрос

Ответ

|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/call/find HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 70 Content-Type: application/json  {     "status" : "ESTABLISHED",     "rtmpUrl" : "rtmp://localhost:1935 /live" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 12:37:55 GMT  [     {         "custom": {},         "nodeId": null,         "appKey": null,         "sessionId": null,         "callId": "MzEjol9dY-TIg9FpAy-J3YmhDbyY- g7w771EDq",         "parentCallId": null,         "incoming": false,         "status": "ESTABLISHED",         "sipStatus": 200,         "rtmpUrl": "rtmp://localhost:1935/live",         "rtmpStream": "stream1",         "rtmpStreamStatus": "RTMP_STREAM_ACTIVE",         "caller": "001",         "callee": "005",         "hasAudio": true,         "hasVideo": true,         "sdp": null,         "visibleName": "001",         "inviteParameters": null,         "mediaProvider": "Flash",         "sipMessageRaw": null,         "isMsrp": false,         "target": null,         "holdForTransfer": false     } ] </pre> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /call/terminate

| Запрос                                                                                                                                                                                  | Ответ                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/call/terminate HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 53 Content-Type: application/json  {     "callId" : "y0h8vRDfr-lko7fXTg-pKJDHXQ-TW8PhcS" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 12:48:29 GMT </pre> |

## /call/send\_dtmf

| Запрос | Ответ |
|--------|-------|
|--------|-------|

| Запрос                                                                                                                                                                                                                  | Ответ                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/call/send_dtmf HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 83 Content-Type: application/json  {   "callId" : "y0h8vRDfr-lko7fXTg-pKJDHXQ-TW8PhcS",   "dtmf": "9",   "type": "RFC2833" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 13:00:34 GMT</pre> |

## /call/inject\_sound

| Запрос                                                                                                                                                                                                                        | Ответ                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/call/inject_sound HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 69  {   "callId": "y0h8vRDfr-lko7fXTg-pKJDHXQ-TW8PhcS",   "fileName": "test.wav" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:37:23 GMT</pre> |

## /call/inject\_stream/startup

| Запрос                                                                                                                                                                                                                                 | Ответ                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/call/inject_stream/startup HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 69  {   "callId": "y0h8vRDfr-lko7fXTg-pKJDHXQ-TW8PhcS",   "streamName": "mixer1" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:47:57 GMT</pre> |

## /call/inject\_stream/terminate

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                    |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/call/inject_stream/terminate HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 50  {     "callId": "y0h8vRDfr-lko7fXTg-pKJDHXQ-Tw8PhcS" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 12:42:52 GMT </pre> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## /rtsp/startup

| Запрос                                                                                                                                                                                                                       | Ответ                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/rtsp/startup HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 56 Content-Type: application/json  {     "uri": "rtsp://s1.media-planet.sk:80/live/bardejov1",     "localStreamName": "stream1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 13:18:01 GMT </pre> |

## /rtsp/find\_all

| Запрос                                                                                                                       | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/rtsp/find_all HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 14:47:08 GMT  [     {         "uri": "rtsp://s1.media-planet.sk:80/live/bardejov1",         "toStream": "stream1",         "status": "PLAYING"     }, {         "uri": "rtsp://str81.creacast.com/grandlilletv/high",         "toStream": "rtsp://str81.creacast.com/grandlilletv/high",         "status": "PLAYING"     } ] </pre> |

## /rtsp/find

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/rtsp/find HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 72 Content-Type: application/json  {   "uri":"rtsp://str81.creacast.com/grandlilletv/high",   "status":"PLAYING" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 14:57:05 GMT  [   {     "uri":"rtsp://str81.creacast.com/grandlilletv/high",     "toStream":"rtsp://str81.creacast.com/grandlilletv/high",     "status":"PLAYING"   } ] </pre> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /rtsp/terminate

| Запрос                                                                                                                                                                                    | Ответ                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/rtsp/terminate HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 53 Content-Type: application/json  {   "uri":"rtsp://s1.media-planet.sk:80/live/bardejov1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 15:02:07 GMT </pre> |

## /stream/find\_all

| Запрос                                                                                                                         | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/stream/find_all HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 15:10:38 GMT  [   {     "custom": {},     "nodeId": null,     "appKey": "defaultApp",     "sessionId": "/192.168.1.102:13252/192.168.1.101:8443",     "mediaSessionId": "9e7a6da0-13c8-11e7-a92a-b50084e40e7d",     "remoteMediaElementId": null,     "name": "stream1",     "published": false,     "hasVideo": true,     "hasAudio": true,     "status": "PLAYING",     "sdp": "....",     "info": null,     "record": false,     "recordName": null,     "width": 0,     "height": 0,   } ] </pre> |

```

        "bitrate":0,
        "quality":0,
        "rtmpUrl":null,
        "streamInfo":{
            "custom":{},
            "nodeId":null,
            "appKey":null,
            "sessionId":null,
            "mediaSessionId":"9e7a6da0-13c8-11e7-a92a-
b50084e40e7d",
            "name":"stream1",
            "samplingTime":null,
            "recordTimestamp":null,
            "recordStarted":false
        },
        "mediaProvider":"WebRTC"
    },{
        "custom":{},
        "nodeId":null,
        "appKey":"flashStreamingApp",
        "sessionId":"398c1948-5510-4842-b647-
53c2f0d36c45",
        "mediaSessionId":"06844ffd-1dce-4a77-a2c2-
37629f0e4d13",
        "remoteMediaElementId":null,
        "name":"stream1",
        "published":true,
        "hasVideo":false,
        "hasAudio":true,
        "status":"PUBLISHING",
        "sdp":"....",
        "info":null,
        "record":false,
        "recordName":null,
        "width":0,
        "height":0,
        "bitrate":0,
        "quality":0,
        "rtmpUrl":null,
        "streamInfo":{
            "custom":{},
            "nodeId":null,
            "appKey":null,
            "sessionId":null,
            "mediaSessionId":"06844ffd-1dce-4a77-a2c2-
37629f0e4d13",
            "name":"stream1",
            "samplingTime":null,
            "recordTimestamp":null,
            "recordStarted":false
        },
        "mediaProvider":"Flash"
    }
}
]

```

/stream/find

| Запрос | Ответ |
|--------|-------|
|--------|-------|

```
POST /rest-api/stream/find
HTTP/1.1
Host: 192.168.1.101:8081
Content-Length: 57
Content-Type: application
/json
```

```
{
  "name": "stream1",
  "published": true,
  "display": ["metrics"]
}
```

```
HTTP/1.1 200 OK
Server: Apache-Coyote/1.1
Content-Type: application/json; charset=UTF-8
Date: Tue, 26 Mar 2021 11:05:16 GMT
```

```
[
  {
    "appKey": "defaultApp",
    "sessionId": "/5.129.23.83:51294/95.191.130.39:8443-118f9784-d3b0-4e2b-8837-425eb71efcbe",
    "mediaSessionId": "86108970-8de5-11eb-afa9-0d709beccf93",
    "name": "test",
    "published": true,
    "hasVideo": true,
    "hasAudio": true,
    "status": "PUBLISHING",
    "sdp": "...",
    "audioCodec": "opus",
    "videoCodec": "H264",
    "record": false,
    "width": 640,
    "height": 360,
    "bitrate": 0,
    "minBitrate": 0,
    "maxBitrate": 0,
    "quality": 0,
    "history": false,
    "gop": 0,
    "fps": 0,
    "audioBitrate": 0,
    "codecImpl": "",
    "transport": "UDP",
    "cvoExtension": false,
    "createDate": 1616730250682,
    "mediaType": "publish",
    "mediaProvider": "WebRTC",
    "metrics": {
      "VIDEO_SYNC": 3825719227118,
      "VIDEO_K_FRAMES": 87,
      "AUDIO_SYNC": 3825719227166,
      "VIDEO_NACK": 0,
      "AUDIO_RATE": 32912,
      "AUDIO_LOST": 112,
      "VIDEO_LOST": 0,
      "VIDEO_CODEC": 119,
      "VIDEO_B_FRAMES": 0,
      "VIDEO_PLI": 0,
      "AUDIO_CODEC": 111,
      "VIDEO_RATE": 542200,
      "VIDEO_WIDTH": 640,
      "VIDEO_GOP_SIZE": 60,
      "VIDEO_HEIGHT": 360,
      "VIDEO_FPS": 13,
      "VIDEO_P_FRAMES": 4972
    }
  }
]
```

/stream/terminate

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                  |                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/stream/terminate HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 57 Content-Type: application/json  {     "mediaSessionId": "4f112b20-13d0-11e7-b521-59a9cb7eddeb" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 16:11:48 GMT</pre> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|

/stream/snapshot

| Запрос                                                                                                                                                                 | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api /stream/snapshot HTTP /1.1 Host: 192.168.1.101:8081 Content-Length: 57 Content-Type: application/json  {     "streamName" :     "64966f33" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 858 Date: Tue, 28 Mar 2017 16:11:48 GMT  {     "data": " iVBORw0KGgoAAAANSUgAAUAAADwCAYAAABxLb1rAAAACXBjWMAAAAAAAAAAAQCEeRdzAAQAE1EQVR4n0zd95Pcd37feV jhrFKwXT6fr+r+gPvh6nx1V5bvLMt3liXbkiWtrF1v105qVxu4icucwUyABAMIAgSIQ0QcBzlnzAADDIDJuadzzjmH173f7+ /30216g04GiCHIZtwjeqZnejAAu5/9+XzD57tgwYIF60jo6PiSmvdfok0jo20+zPsv0NHR0TFf5v0X60jo6Jgv8 /4LdHR0dMyXef8F0jo60ubLvP8CHR0dHfN13n+Bjo60jvky779AR0dHx3yZ91+go60jY77M+y/Q0dHRMV/m/Rfo60jomC/z /gt0dHR0zJd5/wU60jo65su8/wIdHR0d82Xef4G0jo60+TLvv0BHR0fHfJn3X6Cjo6Njvsz7L9DR0dExX+b9F+jo60iYL /P+C3R0dHTML3n/BTo60jrmy7z/Ah0dHR1t+Ue636rzGzr19Tv8jPn/S3R0dHS04z4E8HfR0dHR8XD5DaGC94 /rdALY0dHxBxafAlj/wI60jofPb7foXh//edcJYEFhL4gaCd0tDPXf0+rjHxbNT4F/6/fR0dHxkPsNnhb+DvnN07zYf1P7nt /8vTYf/3nzj8hvk/+B/GPt76DIfeY3dHP8jN/8g/8JHR0dD7d/9Hv/Ixb87j/Hgt/5ZzSt+6dY8D/8Eyz47T+o4Pv4a/Q9v/H7 /6L1x3+e80+m/134d/+tf/Iv8dv/9H/G7/zz/6Xs9/7ZvxS//8/+hfiDP/gD/P7v/z5+7/d+D7/7u7+L3/md3xELV16Poa0j4" }</pre> |

/stream/startRecording

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                                                          |                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/stream/startRecording HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 65 Content-Type: application/json  {   "mediaSessionId": "b8ffd290-bcfa-11e9-9482-17706e285ec5",   "config": {     "fileTemplate": "{streamName}-{startTime}-{endTime}",     "rotation": "20M"   } } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 16:11:48 GMT </pre> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## /stream/stopRecording

| Запрос                                                                                                                                                                                               | Ответ                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/stream/stopRecording HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 65 Content-Type: application/json  {   "mediaSessionId": "b8ffd290-bcfa-11e9-9482-17706e285ec5" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 16:21:48 GMT </pre> |

## /stream/event/send

| Запрос                                                                                                                                                                                                                                     | Ответ                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/stream/event/send HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 77  {   "streamName": "test",   "payload": {     "number": 33,     "string": "hello",     "boolean": true   } } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true </pre> |

## /data/send

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                                                                                                            |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/data/send HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 201 Content-Type: application/json  {   "nodeId": "cm2p2VmswiHZ4p012Ps8anz1NYudEOL1@192.168.1.101",   "operationId": "d1999750-fde9-11e6-9f1b-913210792936",   "sessionId": "/192.168.1.102:15422/192.168.1.101:8443",   "payload": {     "message": "hello"   } } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 16:21:18 GMT </pre> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

| Запрос                                                                                                                                                                                                                                                                                                                                                                                           | Ответ                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <pre> POST /rest-api/data/send HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json  {   "nodeId": "cm2p2VmswiHZ4p012Ps8anz1NYudEOL1@192.168.1.101",   "operationId": "d1999750-fde9-11e6-9f1b-913210792936",   "sessionIds": [     "/192.168.1.102:15422/192.168.1.101:8443",     "/192.168.1.103:53002/192.168.1.101:8443"   ],   "payload": {     "message": "hello"   } } </pre> | <pre> HTTP/1.1 200 OK Content-Length: 0 Date: Mon, 10 Apr 2023 16:21:18 GMT </pre> |

## /data/batch\_send

| Запрос                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ответ                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <pre> POST /rest-api/data/batch_send HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json  [   {     "nodeId": "cm2p2VmswiHZ4p012Ps8anz1NYudEOL1@192.168.1.101",     "operationId": "d1999750-hello",     "sessionId": "/192.168.1.102:15422/192.168.1.101:8443",     "payload": {       "message": "hello"     }   },   {     "nodeId": "cm2p2VmswiHZ4p012Ps8anz1NYudEOL1@192.168.1.101",     "operationId": "d1999750-kick",     "sessionId": "/192.168.1.103:53002/192.168.1.101:8443",     "payload": {       "message": "bye"     }   } ] </pre> | <pre> HTTP/1.1 200 OK Content-Length: 0 Date: Mon, 10 Apr 2023 16:21:18 GMT </pre> |

/connection/find\_all

| Запрос                                                                                                                            | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/connection/find_all HTTP /1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 16:42:07 GMT  [   {     "custom": {},     "nodeId": null,     "appKey": "roomApp",     "sessionId": "/192.168.1.102:31049/192.168.1.101: 8080",     "sipRegisterRequired": false,     "sipLogin": "a5ledkh95o57os4ge5i4ihpqio",     "sipAuthenticationName": null,     "sipPassword": null,     "sipVisibleName": null,     "sipDomain": null,     "sipOutboundProxy": null,     "sipPort": 0,     "sipContactParams": null,     "width": 0,     "height": 0,     "supportedResolutions": "0x0",     "useProxy": true,     "useDTLS": true,     "useWsTunnel": false,     "useWsTunnelPacketization2": false,     "useBase64BinaryEncoding": false,     "mediaProviders": ["WebRTC"],     "appMainClass": null,     "appCallbackClass": null,     "authToken": "/192.168.1.102:31049/192.168.1.101: 8080",     "status": null,     "restClientConfig": null,     "clientVersion": "2.3.0",     "clientOSVersion": null,     "clientBrowserVersion": null   }, {     "custom": {},     "nodeId": null,     "appKey": "defaultApp",     "sessionId": "/192.168.1.102:15422/192.168.1.101: 8443",     "sipRegisterRequired": false,     "sipLogin": "sasr7a131j6d1vuuiv9v9vm7ig",     "sipAuthenticationName": null,     "sipPassword": null,     "sipVisibleName": null,     "sipDomain": null,     "sipOutboundProxy": null,     "sipPort": 0,     "sipContactParams": null,     "width": 0,     "height": 0,     "supportedResolutions": "0x0",     "useProxy": true,     "useDTLS": true,     "useWsTunnel": false,     "useWsTunnelPacketization2": false,     "useBase64BinaryEncoding": false,     "mediaProviders": ["WebRTC", "WSPlayer"],     "appMainClass": null,     "appCallbackClass": null,</pre> |

|  |                                                                                                                                                                                                                                                                                         |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <pre>8443",     "authToken":"/192.168.1.102:15422/192.168.1.101:     "status":null,     "restClientConfig":null,     "clientVersion":"0.5.18",     "clientOSVersion":"5.0 (Windows NT 6.3; Win64; x64) ...",     "clientBrowserVersion":"... Chrome/57.0.2987.110     ... "   } ]</pre> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

/connection/find

| Запрос                                                                                                                                                                               | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/connection/find HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 48 Content-Type: application/json  {   "appKey":"roomApp",   "clientVersion":" 0.5.18" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Tue, 28 Mar 2017 17:12:38 GMT  [   {     "custom":{},     "nodeId":null,     "appKey":"roomApp",     "sessionId":"/192.168.1.102:39564/192.168.1.101:8443",     "sipRegisterRequired":false,     "sipLogin":"kj32o1iok1bnk33smpjg3g7e10",     "sipAuthenticationName":null,     "sipPassword":null,     "sipVisibleName":null,     "sipDomain":null,     "sipOutboundProxy":null,     "sipPort":0,     "sipContactParams":null,     "width":0,     "height":0,     "supportedResolutions":"0x0",     "useProxy":true,     "useDTLS":true,     "useWsTunnel":false,     "useWsTunnelPacketization2":false,     "useBase64BinaryEncoding":false,     "mediaProviders":["WebRTC","WSPlayer"],     "appMainClass":null,     "appCallbackClass":null,     "authToken":"/192.168.1.102:39564/192.168.1.101:8443",     "status":null,     "restClientConfig":null,     "clientVersion":"0.5.18",     "clientOSVersion":"5.0 (Windows NT 6.3; Win64; x64) ...",     "clientBrowserVersion":"... Chrome/57.0.2987.110 ..."   },{     "custom":{},     "nodeId":null,     "appKey":"roomApp",     "sessionId":"/192.168.1.102:21479/192.168.1.101:8080",     "sipRegisterRequired":false,     "sipLogin":"e09elik992uig0fk08kddtjip8",     "sipAuthenticationName":null,     "sipPassword":null,     "sipVisibleName":null,     "sipDomain":null,</pre> |

```

        "sipOutboundProxy":null,
        "sipPort":0,
        "sipContactParams":null,
        "width":0,
        "height":0,
        "supportedResolutions":"0x0",
        "useProxy":true,
        "useDTLS":true,
        "useWsTunnel":false,
        "useWsTunnelPacketization2":false,
        "useBase64BinaryEncoding":false,
        "mediaProviders":["Flash"],
        "appMainClass":null,
        "appCallbackClass":null,
        "authToken":"/192.168.1.102:21479/192.168.1.101:8080",
        "status":null,
        "restClientConfig":null,
        "clientVersion":"0.5.18",
        "clientOSVersion":"5.0 (Windows NT 6.3; WOW64; Trident/7.0...)",
        "clientBrowserVersion":"Mozilla/5.0 (Windows NT 6.3; WOW64; Trident/7.0...)
    }
]

```

## /connection/terminate

| Запрос                                                                                                                                                                                             | Ответ                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/connection/terminate HTTP/1.1 Host:192.168.1.101:8081 Content-Length: 55 Content-Type: application/json  {     "sessionId":"/192.168.1.102:39564/192.168.1.101:8443" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Tue, 28 Mar 2017 17:21:40 GMT </pre> |

## /push/startup

| Запрос                                                                                                                                                                                                                                                     | Ответ                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/push/startup HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 73 Content-Type: application/json  {     "streamName": "cf58",     "rtmpUrl":"rtmp://rtmp.flashphoner.com:1935/live/test",     "rtmpTransponderFullUrl": true } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Fri, 28 Apr 2017 12:53:00 GMT  {     "mediaSessionId":"6dk1l0m3cm17c68232bccm52f1",     "streamName":"test",     "rtmpUrl":"rtmp://rtmp.flashphoner.com:1935/live" } </pre> |

/push/find

| Request                                                                                                                                                                   | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/push/find HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 40 Content-Type: application/json  {     "rtmpUrl": "rtmp://localhost:1935 /live" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json; charset=UTF-8 Date: Fri, 28 Apr 2017 12:55:31 GMT  [     {         "mediaSessionId": " bung2cu1npigp8u4bd75ha4c5r",         "streamName": "rtmp_4be7",         "rtmpUrl": "rtmp://localhost:1935/live"     }, {         "mediaSessionId": " hs4khbl7g3abmnkeli217lrcmf",         "streamName": "rtmp_f85d",         "rtmpUrl": "rtmp://localhost:1935/live"     } ]</pre> |

/push/find\_all

| Запрос                                                                                                                     | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/push/find_all HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json; charset=UTF-8 Date: Fri, 28 Apr 2017 12:56:04 GMT  [     {         "mediaSessionId": "6dk1l0m3cm17c68232bccm52f1",         "streamName": "rtmp_cf58",         "rtmpUrl": "rtmp://rtmp.flashphoner.com:1935/live"     }, {         "mediaSessionId": "bung2cu1npigp8u4bd75ha4c5r",         "streamName": "rtmp_4be7",         "rtmpUrl": "rtmp://localhost:1935/live"     }, {         "mediaSessionId": "hs4khbl7g3abmnkeli217lrcmf",         "streamName": "rtmp_f85d",         "rtmpUrl": "rtmp://localhost:1935/live"     } ]</pre> |

/push/terminate

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                   |                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| POST /rest-api/push/terminate HTTP/1.1<br>Host: 192.168.1.101:8081<br>Content-Length: 48<br>Content-Type: application/json<br><br><pre>{   "mediaSessionId": "6dk1l0m3cm17c68232bccm52f1" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Fri, 28 Apr 2017 12:56:51 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|

## /push/mute

| Запрос                                                                                                                                                                                       | Ответ                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| POST /rest-api/push/mute HTTP/1.1<br>Host: 192.168.1.101:8081<br>Content-Length: 48<br>Content-Type: application/json<br><br><pre>{   "mediaSessionId": "gocrv1ncahlkcqht9k2nbs8tbc" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Mon, 03 Jul 2017 09:06:14 GMT |

## /push/unmute

| Запрос                                                                                                                                                                                         | Ответ                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| POST /rest-api/push/unmute HTTP/1.1<br>Host: 192.168.1.101:8081<br>Content-Length: 48<br>Content-Type: application/json<br><br><pre>{   "mediaSessionId": "gocrv1ncahlkcqht9k2nbs8tbc" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Mon, 03 Jul 2017 09:07:27 GMT |

## /push/sound\_on

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                        |                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/push/sound_on HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 88 Content-Type: application/json  {     "mediaSessionId": "gocrv1ncahlkcqht9k2nbs8tbc",     "soundFile": "sample.wav",     "loop": true } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Mon, 03 Jul 2017 09:11:42 GMT </pre> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## /push/sound\_off

| Запрос                                                                                                                                                                                 | Ответ                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/push/sound_off HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 48 Content-Type: application/json  {     "mediaSessionId": "gocrv1ncahlkcqht9k2nbs8tbc" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Mon, 03 Jul 2017 09:12:25 GMT </pre> |

## /pull/rtmp/pull

| Запрос                                                                                                                                                                                                                                              | Ответ                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/pull/rtmp/pull HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 60  {     "uri": "rtmp://rtmp.flashphoner.com:1935/live/rtmp_stream1",     "localStreamName": "stream1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:47:23 GMT </pre> |

## /pull/rtmp/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/pull/rtmp /find_all HTTP/1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Fri, 24 Nov 2017 14:27:35 GMT  [   {     "localMediaSessionId": "69695ed6-6e78-455c-9fee- ae1af8d4a0b5",     "localStreamName": "stream1",     "uri": "rtmp://rtmp.flashphoner.com:1935/live/stream1",     "status": "PROCESSED_REMOTE",     "hasAudio": true,     "hasVideo": true,     "record" false   }, {     "localMediaSessionId": "dfe1a1c-f99b-4e56-9f19- 7dc7903ede8d",     "localStreamName": "rtmp://wowzaec2demo.streamlock.net/vod /mp4:BigBuckBunny_115k.mov",     "uri": "rtmp://wowzaec2demo.streamlock.net/vod/mp4: BigBuckBunny_115k.mov",     "status": "PROCESSED_REMOTE",     "hasAudio": true,     "hasVideo": true,     "record" false   } ] </pre> |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /pull/rtmp/terminate

| Запрос                                                                                                                                                                                                               | Ответ                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/pull/rtmp/terminate HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 60  {   "uri": "rtmp://rtmp.flashphoner.com:1935/live/rtmp_stream1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:47:31 GMT </pre> |

## /mixer/startup

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/startup HTTP/1.1 Host: 192.168.1.101:8081 content-type: application/json content-length: 70  {   "uri": "mixer://mixer1",   "localStreamName": "mixer1_stream",   "hasVideo": true,   "hasAudio": false,   "watermark": "watermark.png",   "background": "background.png",   "mixerLayoutClass": "com.flashphoner.mixerlayout.TestLayout" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Fri, 24 Nov 2017 14:55:26 GMT </pre> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## /mixer/add

| Запрос                                                                                                                                                                                                                      | Ответ                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/add HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 85  {   "uri": "mixer://m1",   "remoteStreamName": "stream1",   "audioLevel": 0,   "videoMuted": false } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Fri, 09 Jul 2021 15:21:06 GMT </pre> |

## /mixer/remove

| Запрос                                                                                                                                                                                                                             | Ответ                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/remove HTTP/1.1 Host: 192.168.1.101:8081 content-type: application/json content-length: 99  {   "uri": "mixer://mixer1",   "remoteStreamName": "rtmp://rtmp.flashphoner.com:1935/live/stream1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Fri, 24 Nov 2017 15:21:12 GMT </pre> |

## /mixer/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

```
POST /rest-api/mixer/find_all HTTP/1.1
HOST: 192.168.1.101:8081
content-type: application/json
content-length: 0
```

```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Access-Control-Allow-Credentials: true
Content-Type: application/json
Content-Length: 574
```

```
[
  {
    "localMediaSessionId": "e2fa5c8b-16f3-4917-9d5f-557dde75db07",
    "localStreamName": "m1",
    "uri": "mixer://m1",
    "status": "PROCESSED_LOCAL",
    "hasAudio": true,
    "hasVideo": true,
    "record": false,
    "mediaSessions": [
      {
        "localMediaSessionId": "3dd763b0-2ae7-11eb-aa72-37b2cbcbf6b9",
        "audioLevel": 0,
        "videoMuted": true,
        "localStreamName": "stream1"
      },
      {
        "localMediaSessionId": "8af64760-2ae7-11eb-b086-cdf035231b9d",
        "audioLevel": 100,
        "videoMuted": false,
        "localStreamName": "desktop"
      },
      {
        "localMediaSessionId": "7cc4b410-2ae7-11eb-b34c-a5240fe9f151",
        "audioLevel": 0,
        "videoMuted": false,
        "localStreamName": "stream2"
      }
    ]
  }
]
```

## /mixer/terminate

| Запрос                                                                                                                                                       | Ответ                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/mixer/terminate HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 31  {   "uri": "mixer://mixer1" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Fri, 24 Nov 2017 14:55:35 GMT</pre> |

## /mixer/setAudioVideo

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                           |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/setAudioVideo HTTP/1.1 Host: localhost:8081 Accept: */* Content-Type: application/json Content-Length: 62  {   "uri": "mixer://m1",   "streams": "^stream.*",   "audioLevel": 0,   "videoMuted": true } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Length: 0 Date: Fri, 24 Nov 2020 14:55:35 GMT </pre> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

## /mixer/set\_body\_watermark

| Запрос                                                                                                                                                                                                                                  | Ответ                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/set_body_watermark HTTP/1.1 Host: localhost:8081 Accept: */* Content-Type: application/json Content-Length: 68  {   "uri": "mixer://m1",   "watermark": "/opt/media/logo.png",   "x": 10,   "y": 10 } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Length: 0 Date: Fri, 19 Aug 2022 14:55:35 GMT </pre> |

## /mixer/set\_stream\_watermark

| Запрос                                                                                                                                                                                                                                                                                                 | Ответ                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/set_stream_watermark HTTP/1.1 Host: localhost:8081 Accept: */* Content-Type: application/json Content-Length: 124  {   "uri": "mixer://m1",   "watermark": "/opt/media/logo.png",   "mediaSessionId": "f2019570-1f9d-11ed-b6ef-050068a3a458",   "x": 10,   "y": 10 } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Length: 0 Date: Fri, 19 Aug 2022 14:55:35 GMT </pre> |

## /mixer/set\_parameter

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                 |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/set_parameter HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 55  {   "uri":"mixer://m1",   "mixerLayoutDir":"/opt/GridLayout" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Length: 0 Date: Mon, 14 Nov 2022 14:55:35 GMT </pre> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

## /mixer/set\_stream\_avatar

| Запрос                                                                                                                                                                                                                    | Ответ                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/set_stream_avatar HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 74  {   "uri":"mixer://m1",   "remoteStreamName":"user2",   "avatar":"/opt/avatar.png" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true </pre> |

## /mixer/remove\_stream\_avatar

| Запрос                                                                                                                                                                                         | Ответ                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/remove_stream_avatar HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 47  {   "uri":"mixer://m1",   "remoteStreamName":"user2" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true </pre> |

## /mixer/test/start

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                            |                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/test/start HTTP/1.1 HOST: 192.168.1.101:8081 Content-type: application/json Content-length: 107  {     "feedingStreams": [         "s1",         "s2"     ],     "mixerCount": 3,     "streamsInMixer": 1,     "intervalInSeconds": 60 } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Wed, 22 Aug 2018 08:53:26 GMT </pre> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

## /mixer/test/stop

| Запрос                                                                                                                              | Ответ                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/test/stop HTTP/1.1 HOST: 192.168.1.101:8081 Content-type: application/json Content-length: 0  { } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Wed, 22 Aug 2018 08:53:26 GMT </pre> |

## /mixer/test/get\_start\_example

| Запрос                                                                                                                                           | Ответ                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/mixer/test/get_start_example HTTP/1.1 HOST: 192.168.1.101:8081 Content-type: application/json Content-length: 0  { } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 107 Date: Wed, 22 Aug 2018 08:53:26 GMT  {     "feedingStreams": [         "stream1",         "stream2",         "stream3"     ],     "mixerCount": 3,     "streamsInMixer": 1,     "intervalInSeconds": 60 } </pre> |

## /pull/pull

| Запрос                                                                                                                                                                                                                                                    | Ответ                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/pull/pull HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 60  {   "uri":"wss://demo.flashphoner.com:8443/websocket",   "localStreamName": "6602",   "remoteStreamName": "6602" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:47:23 GMT</pre> |

## /pull/find\_all

| Запрос                                                                                                                      | Ответ                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/pull/find_all HTTP /1.1 Host: 192.168.1.101:8081 Content-Length: 0 Content-Type: application/json</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Type: application/json;charset=UTF-8 Date: Fri, 24 Nov 2017 14:27:35 GMT  [   {     "localMediaSessionId":"da157e2b-2159-40c9-9560- ae1af8d4a0b5",     "remoteMediaSessionId":null,     "localStreamName":"6602",     "remoteStreamName":"660s",     "uri":"wss://demo.flashphoner.com:8443/websocket",     "status":"NEW"   } ]</pre> |

## /pull/push

| Запрос                                                                                                                                                                                                                                                    | Ответ                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/pull/pull HTTP/1.1 Host: 192.168.1.101:8081 Content-Type: application/json;charset=UTF-8 Content-Length: 60  {   "uri":"wss://demo.flashphoner.com:8443/websocket",   "localStreamName": "0d40",   "remoteStreamName": "0d40" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 23 Nov 2017 09:47:23 GMT</pre> |

## /pull/terminate

| Запрос                                                                                                                                                                                   | Ответ                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/pull/terminate HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 31  {     "uri": "wss://demo.flashphoner.com:8443/websocket" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Fri, 24 Nov 2017 14:55:35 GMT</pre> |

## /logger/enable\_client\_log

| Запрос                                                                                                                                                                                                                      | Ответ                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/logger/enable_client_log HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 71  {     "sessionId": "/127.0.0.1:57539/192.168.1.101:8443",     "logLevel": "DEBUG" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Wed, 03 Sep 2018 06:58:40 GMT</pre> |

## /logger/disable\_client\_log

| Запрос                                                                                                                                                                                              | Ответ                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/logger/disable_client_log HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 71  {     "sessionId": "/127.0.0.1:57539/192.168.1.101:8443" }</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Wed, 03 Sep 2018 06:58:40 GMT</pre> |

## /cdn/show\_nodes

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/show_nodes HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0 </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 224 Date: Thu, 06 Dec 2018 4:16:40 GMT  [   {     "globalState": "ACTIVE",     "id": "192.168.1.64",     "processingState": "NEW_STREAMS_ALLOWED",     "role": "TRANSCODER"   },   {     "globalState": "ACTIVE",     "id": "192.168.1.39",     "processingState": "NEW_STREAMS_ALLOWED",     "role": "ORIGIN"   } ] </pre> |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /cdn/show\_routes

| Запрос                                                                                                                         | Ответ                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/show_routes HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0 </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 26 Date: Thu, 06 Dec 2018 4:16:40 GMT  {   "0-192.168.1.5-0": "test" } </pre> |

## /cdn/show\_state

| Запрос                                                                                                                        | Ответ                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/show_state HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0 </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 19 Date: Thu, 06 Dec 2018 8:26:44 GMT  [   "NEW_STREAMS_ALLOWED" ] </pre> |

## /cdn/enforce\_state

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                 |                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/enforce_state HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 44  {     "state": "GROUP_CONNECTIONS_ALLOWED" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 06 Dec 2018 8:36:30 GMT </pre> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

## /cdn/stream/show\_routes

| Запрос                                                                                                                                                                           | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/stream /show_routes HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application /json content-length: 30  {     "streamName": "test- profile1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 411 Date: Mon, 07 Jan 2018 4:16:40 GMT  {     "REQUESTED-PROFILE": [         "AUDIO{bitrate=0, codec='opus', rate=48000, channels=0}",         "VIDEO{width=640, height=360, gop=90, fps=30, bitrate=0, codec='h264', codecImpl='OPENH264', quality=null}"     ],     "1-NEW-TRANSCODER-95.191.131.64": [],     "2-PROXY-95.191.130.39": [         "AUDIO{bitrate=0, codec='opus', rate=48000, channels=2}",         "VIDEO{width=0, height=0, gop=null, fps=null, bitrate=0, codec='H264', codecImpl='null', quality=null}"     ] } </pre> |

## /cdn/stream/access\_list/add

| Запрос                                                                                                                                                                                                                        | Ответ                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/stream/access_list/add HTTP/1.1 Content-Type: application/json Host: test.flashphoner.com:8081 Content-Length: 39  {     "keys": [         "key1",         "key2"     ],     "name": "test" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json </pre> |

## /cdn/stream/access\_list/remove

| Запрос                                                                                                                                                                                               | Ответ                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/cdn/stream/access_list/remove HTTP/1.1 Content-Length: 32 Content-Type: application/json Host: test.flashphoner.com:8081  {   "keys": [     "key1"   ],   "name": "test" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

## /cdn/stream/access\_list/print

| Запрос                                                                                                                                                                  | Ответ                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/cdn/stream/access_list/print HTTP/1.1 Content-Length: 15 Content-Type: application/json Host: test.flashphoner.com:8081  {   "name": "test" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Length: 8 Content-Type: application/json  [   "key2" ]</pre> |

## /cdn/stream/access\_list/delete

| Запрос                                                                                                                                                                   | Ответ                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/cdn/stream/access_list/delete HTTP/1.1 Content-Length: 15 Content-Type: application/json Host: test.flashphoner.com:8081  {   "name": "test" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

## /cdn/profile/add

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/profile/add HTTP/1.1 Content-Length: 502 Content-Type: application/json Host: test.flashphoner.com:8081  {   "name": "-profile1",   "profile": {     "audio": {       "type": "audio"       "bitrate": 0,       "channels": 0,       "codec": "opus",       "rate": 48000,     },     "video": {       "type": "video",       "bitrate": 0,       "codec": "h264",       "codecImpl": "FF",       "fps": 30,       "gop": 90,       "height": 360,       "quality": 0,       "width": 640     }   } } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json </pre> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

## /cdn/profile/modify

| Запрос                                                                                                                                                                                                                                                  | Ответ                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/cdn/profile/modify HTTP/1.1 Content-Length: 15 Content-Type: application/json Host: test.flashphoner.com:8081  {   "name": "-profile1",   "profile": {     "video": {       "bitrate": 400,       "quality": 25     }   } } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json </pre> |

## /cdn/profile/print

| Запрос |
|--------|
|        |

POST /rest-api/cdn/profile/print HTTP/1.1  
Content-Length: 0  
Content-Type: application/json  
Host: test.flashphoner.com:8081

## /cdn/profile/remove

| Запрос                                                                                                                                                               | Ответ                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/cdn/profile/remove HTTP/1.1 Content-Length: 15 Content-Type: application/json Host: test.flashphoner.com:8081  {     "name": "-profile1" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

## /cdn/remove\_node

| Запрос                                                                                                                                                                  | Ответ                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/cdn/remove_node HTTP/1.1 Content-Length: 15 Content-Type: application/json Host: test.flashphoner.com:8081  {     "nodeIp": "192.168.1.207" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

## /cdn/connection/reset\_inbound

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                   |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/cdn/connection/reset_inbound HTTP/1.1<br>Content-Length: 15<br>Content-Type: application/json<br>Host: test.flashphoner.com:8081<br><br><pre>{   "nodeId": "192.168.1.207" }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

## /cdn/connection/reset\_outbound

| Запрос                                                                                                                                                                                             | Ответ                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/cdn/connection/reset_outbound HTTP/1.1<br>Content-Length: 15<br>Content-Type: application/json<br>Host: test.flashphoner.com:8081<br><br><pre>{   "nodeId": "192.168.1.207" }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |

## /cdn/connection/reset\_all

| Запрос                                                                                                                                     | Ответ                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/cdn/connection/reset_all HTTP/1.1<br>Content-Length: 0<br>Content-Type: application/json<br>Host: test.flashphoner.com:8081 | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |

## /recorder/startup

| Запрос                                                                                                                                                                                                                                                                                                     | Ответ                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/recorder/startup HTTP/1.1<br>Content-Length: 52<br>Content-Type: application/json<br>Host: test.flashphoner.com:8081<br><br><pre>{   "mediaSessionId": "5a072377-73c1-4caf-abd3",   "config": {     "fileTemplate": "{streamName}-{startTime}-{endTime}",     "rotation": "20M"   } }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |

## /recorder/terminate

| Запрос                                                                                                                                                                                | Ответ                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/recorder/terminate HTTP/1.1 Content-Length: 26 Content-Type: application/json HOST: 192.168.1.101:8081  {     "mediaSessionId": "5a072377-73c1-4caf-abd3" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

## /recorder/find\_all

| Запрос                                                                                                                         | Ответ                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/recorder/find_all HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0</pre> | <pre>HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 125 Date: Thu, 06 Dec 2018 4:16:40 GMT  [   {     "fileName": "9c3e-test-1563776083752-{endTime}.mp4",     "mediaSessionId": "5a072377-73c1-4caf-abd3"   } ]</pre> |

## /multipleRecorder/startup

| Запрос                                                                                                                                                                            | Ответ                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <pre>POST /rest-api/multipleRecorder/startup HTTP/1.1 Host: localhost:9091 Content-type: application/json Content-Length: 22  {     "uri": "multi-recorder://test-record" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: *</pre> |

## /multipleRecorder/add

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                           |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <pre> POST /rest-api/multipleRecorder/add HTTP/1.1 Host: localhost:9091 Content-type: application/json Content-Length: 78  {   "uri": "multi-recorder://test-record",   "mediaSessionId": "d010f9a0-fe34-11eb-9d0a-fb2207ead79d" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * </pre> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|

## /multipleRecorder/remove

| Запрос                                                                                                                                                                                                                                       | Ответ                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <pre> POST /rest-api/multipleRecorder/remove HTTP/1.1 Host: localhost:9091 Content-type: application/json Content-Length: 78  {   "uri": "multi-recorder://test-record",   "mediaSessionId": "d010f9a0-fe34-11eb-9d0a-fb2207ead79d" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * </pre> |

## /multipleRecorder/find\_all

| Запрос                                                                                                             | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/multipleRecorder/find_all HTTP/1.1 Host: localhost:9091 Content-type: application/json </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Type: application/json Content-Length: 239  [   {     "mediaSessionsId": [       "d010f9a0-fe34-11eb-9d0a-fb2207ead79d",       "dca111f0-fe34-11eb-ba46-45d41f052372",       "e7614c40-fe34-11eb-8d5e-07d6ca1cc7ff"     ],     "uri": "multi-recorder://test-record",     "fileName": "multi-recorder__test-record.mp4"   } ] </pre> |

## /multipleRecorder/terminate

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                  |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| POST /rest-api/multipleRecorder/terminate HTTP/1.1<br>Host: localhost:9091<br>Content-type: application/json<br>Content-Length: 22<br><br><pre>{   "uri": "multi-recorder://test-record" }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: * |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|

## /transcoder/startup

| Запрос                                                                                                                                                                                                                                                                                                                                                                          | Ответ                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| POST /rest-api/transcoder/startup HTTP/1.1<br>HOST: 192.168.1.101:8081<br>content-type: application/json<br>content-length: 83<br><br><pre>{   "uri": "transcoder://tcode1",   "remoteStreamName": "test",   "localStreamName": "testT",   "encoder": {     "width": 640,     "height": 480,     "keyFrameInterval": 30,     "fps": 30,     "watermark": "Test.png"   } }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Thu, 06 Dec 2018 4:16:40 GMT |

## /transcoder/find

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder/find HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 30  {     "remoteStreamName": "test" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 286 Date: Thu, 06 Dec 2018 4:16:40 GMT  [   {     "localMediaSessionId": "42a92132-bcd1-4436-a96f-3fec36b32b37",     "localStreamName": "testT",     "remoteStreamName": "test",     "uri": "transcoder://tcode1",     "status": "PROCESSED_LOCAL",     "hasAudio": true,     "hasVideo": true,     "record": false,     "encoder": {       "width": 640,       "height": 480,       "keyFrameInterval": 30,       "fps": 30,       "watermark": "Test.png"     }   } ] </pre> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

/transcoder/find\_all

| Запрос                                                                                                                             | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder/find_all HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0 </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 286 Date: Thu, 06 Dec 2018 4:16:40 GMT  [   {     "localMediaSessionId": "42a92132-bcd1-4436-a96f-3fec36b32b37",     "localStreamName": "testT",     "remoteStreamName": "test",     "uri": "transcoder://tcode1",     "status": "PROCESSED_LOCAL",     "hasAudio": true,     "hasVideo": true,     "record": false,     "encoder": {       "width": 640,       "height": 480,       "keyFrameInterval": 30,       "fps": 30,       "watermark": "Test.png"     }   } ] </pre> |

/transcoder/terminate

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                          |                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder/terminate HTTP/1.1 Host: 192.168.1.101:8081 content-type: application/json content-length: 30  {   "uri": "transcoder://tcode1" } </pre> | <pre> HTTP/1.1 200 OK Server: Apache-Coyote/1.1 Content-Length: 0 Date: Thu, 06 Dec 2018 4:16:40 GMT </pre> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

## /transcoder/set\_watermark

| Запрос                                                                                                                                                                                                                                       | Ответ                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder/set_watermark HTTP/1.1 Host: localhost:8081 Accept: */* Content-Type: application/json Content-Length: 72  {   "uri": "transcoder://t1",   "watermark": "/opt/media/logo.png",   "x": 10,   "y": 10 } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Length: 0 Date: Fri, 19 Aug 2022 14:55:35 GMT </pre> |

## /transcoder2/startup

| Запрос                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ответ                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder2/startup HTTP/1.1 Host: 192.168.1.101:8081 content-type: application/json content-length: 242  {   "uri": "transcoder2://tcode2",   "localStreamName": "testT",   "remoteStreamName": "test",   "encoder": {     "width": 320,     "height": 240,     "keyFrameInterval": 60,     "fps": 30,     "bitrate": 1000,     "audioRate": 44100,     "audioBitrate": 64000,     "audioCodec": "mpeg4-generic",     "videoCodec": "H264"   } } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true </pre> |

## /transcoder2/find

| Запрос | Ответ |
|--------|-------|
|--------|-------|

```
POST /rest-api/transcoder2/find HTTP/1.1
Host: 192.168.1.101:8081
Content-Type: application/json
Content-Length: 30
```

```
{
  "remoteStreamName": "test"
}
```

```
HTTP/1.1 200 OK
Access-Control-Allow-Origin: *
Access-Control-Allow-Credentials: true
Content-Type: application/json
Content-Length: 387
```

```
[
  {
    "localMediaSessionId": "abde0bbf-558f-49e7-88e8-5431824dbc6c",
    "localStreamName": "testT",
    "remoteStreamName": "test",
    "uri": "transcoder2://tcode2",
    "status": "PROCESSED_LOCAL",
    "hasAudio": true,
    "hasVideo": true,
    "record": false,
    "encoder": {
      "width": 320,
      "height": 240,
      "keyFrameInterval": 60,
      "fps": 30,
      "bitrate": 1000,
      "audioRate": 44100,
      "audioCodec": "mpeg4-generic",
      "videoCodec": "H264",
      "videoRate": 90000
    }
  }
]
```

/transcoder2/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder2/find_all HTTP /1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 0 </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true Content-Type: application/json Content-Length: 387  [   {     "localMediaSessionId": "abde0bbf-558f-49e7-88e8- 5431824dbc6c",     "localStreamName": "testT",     "remoteStreamName": "test",     "uri": "transcoder2://tcode2",     "status": "PROCESSED_LOCAL",     "hasAudio": true,     "hasVideo": true,     "record": false,     "encoder": {       "width": 320,       "height": 240,       "keyFrameInterval": 60,       "fps": 30,       "bitrate": 1000,       "audioRate": 44100,       "audioCodec": "mpeg4-generic",       "videoCodec": "H264",       "videoRate": 90000     }   } ] </pre> |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

/transcoder2/terminate

| Запрос                                                                                                                                                                     | Ответ                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <pre> POST /rest-api/transcoder2/terminate HTTP/1.1 HOST: 192.168.1.101:8081 content-type: application/json content-length: 30  {   "uri": "transcoder2://tcode2" } </pre> | <pre> HTTP/1.1 200 OK Access-Control-Allow-Origin: * Access-Control-Allow-Credentials: true </pre> |

/transcoder2/set\_watermark

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                                                                                                                                |                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| POST /rest-api/transcoder2/set_watermark HTTP/1.1<br>Host: localhost:8081<br>Accept: */*<br>Content-Type: application/json<br>Content-Length: 73<br><br><pre>{   "uri": "transcoder2://t1",   "watermark": "/opt/media/logo.png",   "x": 10,   "y": 10 }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Access-Control-Allow-Credentials: true<br>Content-Length: 0<br>Date: Fri, 19 Aug 2022 14:55:35 GMT |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

## /vod/startup

| Запрос                                                                                                                                                                                                      | Ответ                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| POST /rest-api/vod/startup HTTP/1.1<br>HOST: 192.168.1.101:8081<br>content-type: application/json<br>content-length: 83<br><br><pre>{   "uri": "vod-live://sample.mp4",   "localStreamName": "test" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Thu, 06 Dec 2018 4:16:40 GMT |

## /vod/find

| Запрос                                                                                                                                                                 | Ответ                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POST /rest-api/vod/find HTTP/1.1<br>HOST: 192.168.1.101:8081<br>content-type: application/json<br>content-length: 30<br><br><pre>{   "localStreamName": "test" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 286<br>Date: Thu, 06 Dec 2018 4:16:40 GMT<br><br><pre>[   {     "localMediaSessionId": "29ec3236-1093-42bb-88d6-d4ac37af3ac0",     "localStreamName": "test",     "uri": "vod-live://sample.mp4",     "status": "PROCESSED_LOCAL",     "hasAudio": true,     "hasVideo": true,     "record": false   } ]</pre> |

## /vod/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POST /rest-api/vod/find_all HTTP/1.1<br>HOST: 192.168.1.101:8081<br>content-type: application/json<br>content-length: 0 | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 286<br>Date: Thu, 06 Dec 2018 4:16:40 GMT<br><br><pre>[   {     "localMediaSessionId": "29ec3236-1093-42bb-88d6-d4ac37af3ac0",     "localStreamName": "test",     "uri": "vod-live://sample.mp4",     "status": "PROCESSED_LOCAL",     "hasAudio": true,     "hasVideo": true,     "record": false   } ]</pre> |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /vod/terminate

| Запрос                                                                                                                                                                                                   | Ответ                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| POST /rest-api/vod/terminate HTTP/1.1<br>HOST: 192.168.1.101:8081<br>content-type: application/json<br>content-length: 30<br><br><pre>{   "uri": "vod://sample.mp4",   "localStreamName": "test" }</pre> | HTTP/1.1 200 OK<br>Server: Apache-Coyote/1.1<br>Content-Length: 0<br>Date: Thu, 06 Dec 2018 4:16:40 GMT |

## /hls/startup

| Запрос                                                                                                                                                     | Ответ                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/hls/startup HTTP/1.1<br>Host: localhost:8081<br>Content-Length: 16<br>Content-Type: application/json<br><br><pre>{   "name": "test" }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |

## /hls/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/hls/ find_all HTTP/1.1 Host: localhost:8081 Connection: keep-alive Content-Length: 22 {   "offset": 0,   "size": 10 }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Length: 493 Content-Type: application/json  [   {     "id": "test",     "streamName": "test",     "status": "ACTIVE",     "waitingSize": 0,     "profiles": [       "a_test",       "v_test"     ],     "subscribers": 1,     "playlist": "#EXTM3U\n#EXT-X-VERSION:9\n#EXT-X-INDEPENDENT-SEGMENTS\n#EXT-X-MEDIA:TYPE=AUDIO,URI=\"a_test/a_test.m3u8\",GROUP-ID=\"audio\",NAME=\"none\",DEFAULT=YES,AUTOSELECT=YES,CHANNELS=2\n\n#EXT-X-STREAM-INF:BANDWIDTH=2180097,CODECS=\"avc1.640028,mp4a.40.2\",RESOLUTION=1280x720,FRAME-RATE=29.0,AUDIO=\"audio\"\nv_test/v_test.m3u8\n",     "createdDate": 1697691514126,     "logs": []   } ]</pre> |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

/hls/terminate

| Запрос                                                                                                                                        | Ответ                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/hls/terminate HTTP/1.1 Host: localhost:8081 Content-Length: 16 Content-Type: application/json  {   "name": "test" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json</pre> |

/hls/profiles

| Запрос | Ответ |
|--------|-------|
|        |       |

```
POST /rest-  
api/hls  
/profiles  
HTTP/1.1  
Host:  
localhost:  
8081  
Connection:  
keep-alive  
Content-  
Length: 39  
  
{  
  "hlsId": "  
test",  
  
"profileName  
": "v_test"  
}
```

```
HTTP/1.1 200 OK  
Access-Control-Allow-Origin: *  
Content-Length: 1183  
Content-Type: application/json  
  
{  
  "name": "v_test",  
  "stream": {  
    "appKey": "defaultApp",  
    "sessionId": "test-HLS",  
    "mediaSessionId": "94bc92bc-959b-4533-a0e6-7de3d8c89141-test-HLS",  
    "name": "test",  
    "published": false,  
    "hasVideo": false,  
    "hasAudio": true,  
    "status": "PLAYING",  
    "sdp": "v=0\r\no=- 1988962254 1988962254 IN IP4 0.0.0.0\r\nnc=IN IP4 0.0.0.0\r\nnt=0  
0\r\na=sdplang:en\r\nnm=video 0 RTP/AVP 112\r\na=rtpmap:112 H264/90000\r\na=fmtp:112  
packetization-mode=1; profile-level-id=42001f\r\na=recvonly\r\n",  
    "videoCodec": "H264",  
    "record": false,  
    "width": 1280,  
    "height": 720,  
    "bitrate": 0,  
    "minBitrate": 0,  
    "maxBitrate": 0,  
    "quality": 0,  
    "parentMediaSessionId": "8df817dc-c331-4fb5-949d-03e7764bab11",  
    "history": false,  
    "gop": 0,  
    "fps": 0,  
    "audioBitrate": 0,  
    "codecImpl": "",  
    "transport": "UDP",  
    "cvoExtension": true,  
    "createDate": 1697691514574,  
    "mediaType": "play",  
    "audioState": {  
      "muted": false  
    },  
    "videoState": {  
      "muted": false  
    },  
    "mediaProvider": "HLS"  
  },  
  "keyFrameReceived": true,  
  "videoProfile": {  
    "type": "video",  
    "width": 1280,  
    "height": 720,  
    "fps": 29,  
    "bitrate": 2129,  
    "codec": "",  
    "quality": 0,  
    "audioGroupId": "audio"  
  },  
  "metrics": {  
    "minFPS": 29.962547,  
    "avgFPS": 30.000261,  
    "maxFPS": 30.04292,  
    "countGaps": 0,  
    "resolutionChanges": 0,  
    "queueSize": 11,  
    "startPts": 560866,  
    "currentPts": 561133  
  },  
  "subscribers": 1  
}
```

/hls/subscribers

| Запрос                                                                                                                                   | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/hls/subscribers HTTP/1.1 Host: localhost:8081 Connection: keep-alive Content-Length: 16  {   "hlsId": "test" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Length: 501 Content-Type: application/json  [   {     "id": "192.168.0.83-55832-Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36",     "ip": "192.168.0.83",     "port": 55832,     "userAgent": "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/118.0.0.0 Safari/537.36",     "active": true,     "metrics": {       "profileTime": {         "test": 66,         "v_test": 598216       },       "requestsNumber": 6537,       "requestsStatuses": {         "200 OK": 6536       },       "profileSwitches": 1,       "maxResponseTime": 13,       "minResponseTime": 0,       "avgResponseTime": 0.4173168119932691     }   } ]</pre> |

/sfu/stats

| Запрос                                                                                                                                         | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/sfu/stats HTTP/1.1 Host: localhost:9091 Content-Type: application/json Content-Length: 20  {   "roomName": "ROOM1" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json Content-Length: 1154  {   "participants": [     {       "nickName": "User1",       "outgoingTracks": [         {           "id": "9de9107c-ce5f-4d6b-b7d6-ea233d691d09",           "codec": "opus",           "bitrate": 0,           "sampleRate": 48000,           "channels": 2,           "alive": true,           "type": "AUDIO"         },         {           "id": "237dcef9-c66d-4c72-bd43-0c91aaea3b7e",           "composite": true,           "tracks": {             "h send": {</pre> |

```

        "id": "237dcef9-c66d-4c72-bd43-0c91aaea3b7e",
        "codec": "H264",
        "width": 1280,
        "height": 720,
        "fps": 30,
        "bitrate": 157976,
        "alive": true,
        "type": "VIDEO"
    },
    "m_send": {
        "id": "237dcef9-c66d-4c72-bd43-0c91aaea3b7e",
        "codec": "H264",
        "width": 640,
        "height": 360,
        "fps": 30,
        "bitrate": 263952,
        "alive": true,
        "type": "VIDEO"
    }
    }
    },
    "incomingTracks": {
        "3c2dcd1c-7acd-4b90-8871-331be80cade0": "h_send"
    }
    },
    {
        "nickName": "User2",
        "outgoingTracks": [
            {
                "id": "3c2dcd1c-7acd-4b90-8871-331be80cade0",
                "composite": true,
                "tracks": {
                    "h_send": {
                        "id": "3c2dcd1c-7acd-4b90-8871-331be80cade0",
                        "codec": "H264",
                        "width": 1280,
                        "height": 720,
                        "fps": 30,
                        "bitrate": 238688,
                        "alive": true,
                        "type": "VIDEO"
                    },
                    "m_send": {
                        "id": "3c2dcd1c-7acd-4b90-8871-331be80cade0",
                        "codec": "H264",
                        "width": 640,
                        "height": 360,
                        "fps": 30,
                        "bitrate": 265368,
                        "alive": true,
                        "type": "VIDEO"
                    }
                }
            }
        ]
    },
    "incomingTracks": {
        "9de9107c-ce5f-4d6b-b7d6-ea233d691d09": null,
        "237dcef9-c66d-4c72-bd43-0c91aaea3b7e": "h_send"
    }
    }
    }
    ]
}

```

/mpegts/startup

| Запрос                                                                                                                                                                          | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/mpegts/startup HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 44  {   "localStreamName": "test",   "transport": "srt" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json Content-Length: 230  {   "localMediaSessionId": "32ec1a8e-7df4-4484-9a95-e7eddc45c508",   "localStreamName": "test",   "uri": "srt://192.168.1.39:31014",   "status": "CONNECTED",   "hasAudio": false,   "hasVideo": false,   "record": false,   "transport": "SRT",   "cdn": false,   "timeout": 90000,   "maxTimestampDiff": 1,   "allowedList": [] }</pre> |

## /mpegts/find

| Запрос                                                                                                                                                                                          | Ответ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <pre>POST /rest-api/mpegts/find_all HTTP/1.1 Host: localhost:8081 Content-Type: application/json Content-Length: 61  {   "localStreamName": "test",   "uri": "srt://192.168.1.39:31014" }</pre> | <pre>HTTP/1.1 200 OK Access-Control-Allow-Origin: * Content-Type: application/json Content-Length: 238  [   {     "localMediaSessionId": "32ec1a8e-7df4-4484-9a95-e7eddc45c508",     "localStreamName": "test",     "uri": "srt://192.168.1.39:31014",     "status": "PROCESSED_LOCAL",     "hasAudio": false,     "hasVideo": false,     "record": false,     "transport": "SRT",     "cdn": false,     "timeout": 90000,     "maxTimestampDiff": 1,     "allowedList": []   } ]</pre> |

## /mpegts/find\_all

| Запрос | Ответ |
|--------|-------|
|--------|-------|

|                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POST /rest-api/mpegts/find_all HTTP/1.1<br>Host: localhost:8081<br>Content-Type: application/json<br>Content-Length: 0 | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json<br>Content-Length: 238<br><br><pre>[{   "localMediaSessionId": "32ec1a8e-7df4-4484-9a95-e7eddc45c508",   "localStreamName": "test",   "uri": "srt://192.168.1.39:31014",   "status": "CONNECTED",   "hasAudio": true,   "hasVideo": true,   "record": false,   "timeout": 90000,   "maxTimestampDiff": 90000 }]</pre> |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## /mpegts/terminate

| Запрос                                                                                                                                                                   | Ответ                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| POST /rest-api/mpegts/startup HTTP/1.1<br>Host: localhost:8081<br>Content-Type: application/json<br>Content-Length: 26<br><br><pre>{   "localStreamName": "test" }</pre> | HTTP/1.1 200 OK<br>Access-Control-Allow-Origin: *<br>Content-Type: application/json |