

API methods

REST method	Params	Returns	Errors	Description
SIP as RTMP				
/call/startup	callId callee rtmpStream rtmpUrl hasAudio hasVideo sipLogin sipAuthentic ationName sipPassword sipDomain sipOutbound Proxy sipPort appKey sipRegisterR equired toStream visibleName	void	409 - Conflict 500 - Internal error	This method makes a call to SIP. If rtmpUrl is specified, then media traffic received from SIP will be forwarded to the specified rtmpUrl. If toStream is specified, /push/startup request can be used to create transponder for the specified stream name to forward media traffic received from SIP. If call with the same callId, or the same rtmpUrl already exists, 409 Conflict status will be returned.
/call/find_all	void	List<Call>	404 - Call not found 500 - Internal error	Find all SIP calls
/call/find	callId callee rtmpUrl status	List<Call>	404 - Call not found 500 - Internal error	Find SIP calls by filter
/call/terminate	callId	void	404 - Call not found 500 - Internal error	Hangup and terminate the SIP call
/call/send_dtmf	callId dtmf type	void	404 - Call not found 500 - Internal error	Send DTMF within the established SIP call
/call /inject_stream	callId streamName	void	404 - Call not found 404 - Stream not found 500 - Internal error	Inject audio from the specified stream
/call/inject_sound	callId fileName	void	404 - Call not found 404 - Stream not found 500 - Internal error	Inject audio from the specified file
RTSP				
/rtsp/find	uri status	List<RtspA gent>	404 - RTSP not found 500 - Internal error	Find RTSP session by filter
/rtsp/find_all	void	List<RtspA gent>	500 - Internal error	Find all RTSP sessions

/rtsp/terminate	uri	void	404 - RTSP not found 500 - Internal error	Stop and terminate RTSP session
/rtsp/startup	uri	void	500 - Internal error	Create a new RTSP session
Streaming				
/stream/find_all	void	List<Stream>	404 - Streams not found 500 - Internal error	Find all streams
/stream/find	name mediaSessionId status published	List<Stream>	404 - Stream not found 500 - Internal error	Find streams by filter
/stream/terminate	name mediaSessionId List<mediaSessionId> status published	void	404 - Stream not found 500 - Internal error	Terminate stream or streams that conforms to query parameters
/stream/snapshot	streamName	<Base64 data>	404 - Stream not found	Make stream snapshot
/stream/startRecording	mediaSessionId	void	404 - Not found 500 - Internal error	Start stream recording in specified media session
/stream/stopRecording	mediaSessionId	void	404 - Not found 500 - Internal error	Stop stream recording in specified media session
Data				
/data/send	nodeId sessionId operationId payload	void	500 - Internal error	Send data to connected client
Connection				
/connection/terminate	sessionId	void	404 - No such connection 500 - Internal error	Disconnect connected client
/connection/find_all	void	List<Connection>	404 - No connections found 500 - Internal error	Find all connections
/connection/find	appKey sessionId clientVersion	List<Connection>	404 - Not found 500 - Internal error	Find connections by filter
Republishing as RTMP				
/push/startup	streamName rtmpUrl options	Transponder	409 - Conflict 500 - Internal error	<p>This method creates transponder, which subscribes to the specified stream and forwards the media traffic to the specified rtmpUrl.</p> <p>The stream name specified in the request can be that of a published stream, or reserved for a SIP call (to forward media traffic received from SIP).</p> <p>The options can be used to mute audio, or inject audio from file when transponder is created.</p> <p>For example,</p> <ul style="list-style-type: none"> - "options": {"action": "mute"} - "options": {"action": "sound_on", "soundFile": "sound.wav", "loop": true} <p>If transponder for such stream name and rtmpUrl already exist, 409 Conflict status will be returned.</p>

/push/find	streamName rtmpUrl	List<Transponder>	404 - Transponder not found 500 - Internal error	Find transponders by filter
/push/find_all	void	List<Transponder>	404 - Not found any transponder 500 - Internal error	Find all transponders
/push/terminate	mediaSessionId	void	404 - Not found transponder 500 - Internal error	Terminate transponder
/push/mute	mediaSessionId	void	404 - Not found transponder 500 - Internal error	Mute audio
/push/unmute	mediaSessionId	void	404 - Not found transponder 500 - Internal error	Unmute audio
/push/sound_on	mediaSessionId soundFile loop	void	404 - Not found transponder 404 - No such file 500 - Internal error	Inject audio from the specified RIFF WAV file located on WCS server in /usr/local/FlashphonerWebCallServer/media/ directory
/push/sound_off	mediaSessionId	void	404 - Not found transponder 500 - Internal error	Stop injecting audio
Pull RTMP				
/pull/rtmp/pull	uri	void	409 - Conflict 500 - Internal error	Pull RTMP stream by the specified URL
/pull/rtmp/find_all	void	List<RtmpAgent>	404 - Not found 500 - Internal error	Find all pulled RTMP streams
/pull/rtmp/terminate	uri	void	404 - Not found 500 - Internal error	Terminate pulled RTMP stream
Mixer				
/mixer/startup	uri localStreamName	void	409 - Conflict 500 - Internal error	Create mixer with the specified stream name
/mixer/add	uri remoteStreamName	void	404 - Mixer not found 404 - Stream not found 500 - Internal error	Add RTMP stream to mixer
/mixer/remove	uri remoteStreamName	void	404 - Mixer not found 404 - Stream not found 500 - Internal error	Remove RTMP stream from mixer
/mixer/find_all	void	List<Mixer>	404 - Not found 500 - Internal error	Find all mixers
/mixer/terminate	uri	void	404 - Not found 500 - Internal error	Terminate mixer
/mixer/test/start	feedingStreams mixerCount streamsInMixer intervalInSeconds	void	404 - Not found 500 - Internal error	Start mixer load test

/mixer/test/stop	void	void	404 - Not found 500 - Internal error	Stop mixer load test
/mixer/test /get_start_example	void	<MixerTest>	404 - Not found 500 - Internal error	Get sample object to pass to /mixer/test/start method
Pull WebRTC from another WCS				
/pull/pull	uri localStreamName remoteStreamName	void	409 - Conflict 500 - Internal error	Pull WebRTC stream by specified URL
/pull/push	uri localStreamName remoteStreamName localMediaSessionId	void	409 - Conflict 500 - Internal error	Push WebRTC stream to specified URL
/pull/find_all	void	List<PullAgent>	200 – OK 500 - Internal error	Find all pulled WebRTC streams
/pull/terminate	uri localMediaSessionId remoteMediaSessionId localStreamName remoteStreamName status	void	200 – OK 500 - Internal error	Terminate pulled WebRTC stream
Service functions				
/api/create-session	appKey clientBrowserVersion clientVersion mediaProviders sipLogin sipAuthenticationName sipPassword sipDomain sipOutboundProxy sipPort sipRegisterRequired urlServer	void	200 - OK 500 - Internal error	Connect to the server specified and create session
Logging management				
/logger /enable_client_log	sessionId logLevel	void	200 - OK 404 - Session not found	Set the specified client log level to the specified session
/logger /disable_client_log	sessionId	void	200 - OK 404 - Session not found	Fully disable client log in the specified session

CDN				
/cdn /show_routes	void	List<CDNR oute>	200 - OK 500 - Internal error	Show CDN routes
/cdn/stream /show_routes	streamName	<CDNStrea mRoute>	200 - OK 500 - Internal error	Show CDN route to play the stream specified
Transcoding management				
/transcoder /startup	uri remoteStrea mName localStreamN ame encoder: <Encoder>	void	409 - Conflict 500 - Internal error	Create transcoder with defined parameters for certain stream
/transcoder/find	uri remoteStrea mName localStreamN ame status	List<Transc oder>	200 – Transcoders found 404 – Transcoders not found	Find transcoder by certain criteria
/transcoder /find_all	void	List<Transc oder>	200 – Transcoders found 404 – Transcoders not found	Find all transcoders
/transcoder /terminate	uri remoteStrea mName localStreamN ame status	void	200 - Transcoders is terminated 404 - Transcoder not found	Stop transcoder with its output stream by certain criteria
VOD				
/vod/startup	uri localStreamN ame	void	409 - Conflict 500 - Internal error	Create VOD live translation from local file or from file at network storage
/vod/find	uri localStreamN ame status localMediaSe ssionId	List<VOD>	200 – VODs found 404 – VODs not found	Find VOD translations by certain criteria
/vod/find_all	void	List<VOD>	200 – VODs found 404 – VODs not found	Find all VOD translations
/vod/terminate	uri localStreamN ame status localMediaSe ssionId	void	200 - VODs is terminated 404 - VOD not found	Stop VOD translation by certain criteria