POST Recording

Upload a recording audio file coming from any external source.

Mono/Stereo recordings upload

If the source recording audio file is Stereo, then you can keep the same format within Imagicle Call Recording by applying the following setting, accessible only through a RDP session to the Imagicle on-prem instance. In case of an Imagicle UCX Cloud Suite, please contact Imagicle Support for help.

Procedure

- Locate and edit the following file: \StonevoiceAS\Apps\Recorder\Settings**Recorder.defaults**
- Add this line: `EnableSpeechAnalyticsOptimization=1`
- Save file and restart Imagicle Call Recording service

This setting is mostly important if you are leveraging Imagicle Voice Analytics application, to separate local/remote party call segments during transcription.

Resource URL

```
POST /fw/Apps/Recorder/WebAPI/Recordings
```

Resource Information

- Request Content-Type: application/json
- Request Content-Disposition: form-data; name=jsondata
- Requires authentication: No

Request body

The request body is a multipart/form-data containing a part that describes the recording information and a part as the audio track attachment you want to import.
The supported audio formats are: PCM-16, A-Law, u-Law.
The maximum audio file size is 256 MBytes.

Recording metadata

Name	Type	Required	Description	Default	Example
startDateTime	string	Yes	The recording start time (ISO 8601 format)	null	2018-09-25T13:00:00.0000000Z
duration	string	Yes	The recording duration (ISO 8601 format)	null	PT1M30S
direction	Direction	Yes	The recording direction (0, 1, 2)	null	1
localParty	Local Party	Yes	The recording local party info	null	
remoteParty	Remote Party	No	The recording remote party info	null	
pbxCallId	string	No	The PBX call ID	null	100
notes	string	No	The recording notes (the annotator is the user that invokes the API)	null	Some notes
preserved	bool	No	True if recording must be preserved (the preserver is the user that invoke the API)	false	true

Local party

Name	Type	Required	Description	Default	Example
username	string	Yes	The local party username	null	mario_rossi
phoneNumber	string	Yes	The local party phone number	null	346

Remote party

Name	Type	Required	Description	Default	Example
phoneNumber	string	No	The remote party phone number	null	3409876567

Direction

Value	Description
0	The direction of the recorded call was unknown
1	The recorded call was incoming
2	The recorded call was outgoing

Responses

HTTP 201 Created

- Returns the ID of the imported recording

Error response

HTTP 400 Bad request

- Given recording data are not valid

reason	The reason why the request has been rejected
message	A human readable message

Reasons

Name	Value	Description
InvalidData	0	Body is null or cannot be parsed
InvalidRecordingMetadata	1	Given recording metadata are not valid (more details are specified in message field)
InvalidRecordingAudioFile	2	Given recording audio track is not valid

HTTP 401 Unauthorized

- Anonymous requesting user
- Wrong credentials

HTTP 403 Forbidden

- The user has not enough privileges

HTTP 409 Conflict

- The recording start date is out of the retention period

HTTP 500 Internal Server Error

- An internal server error occurs while importing the recording

HTTP 501 Not Implemented

imagicle

• Call Recording license is not valid

Examples

POST   http://<IPAddress>/fw/Apps/Recorder/WebAPI/Recordings

Request body

```
--8d0d51ed-3539-48fa-a239-fb4ee91b3b99
Content-Type: multipart/form-data
Content-Disposition: form-data; name=jsondata

{
    "direction":  2,
    "localParty":  {
                        "phoneNumber":  "376",
                        "username":  "giuliano"
                    },
    "pbxCallId":  "1",
    "preserved":  true,
    "duration":  "PT1M30S",
    "notes":  "text describing recording content",
    "startDateTime":  "2018-09-25T13:00:00.0000000Z",
    "remoteParty":  {
                        "phoneNumber":  "123456"
                    }
}
--8d0d51ed-3539-48fa-a239-fb4ee91b3b99
Content-Type: audio/mpeg
Content-Disposition: form-data; name=attachment; filename=sample.wav; filename*=utf-8''sample.wav

audio track bytes
--8d0d51ed-3539-48fa-a239-fb4ee91b3b99--
```

Response

```
{"id":"f20850dd-6074-4c9f-8973-24381962ac6f"}
```