



Product Integration API

29 Apr 2024

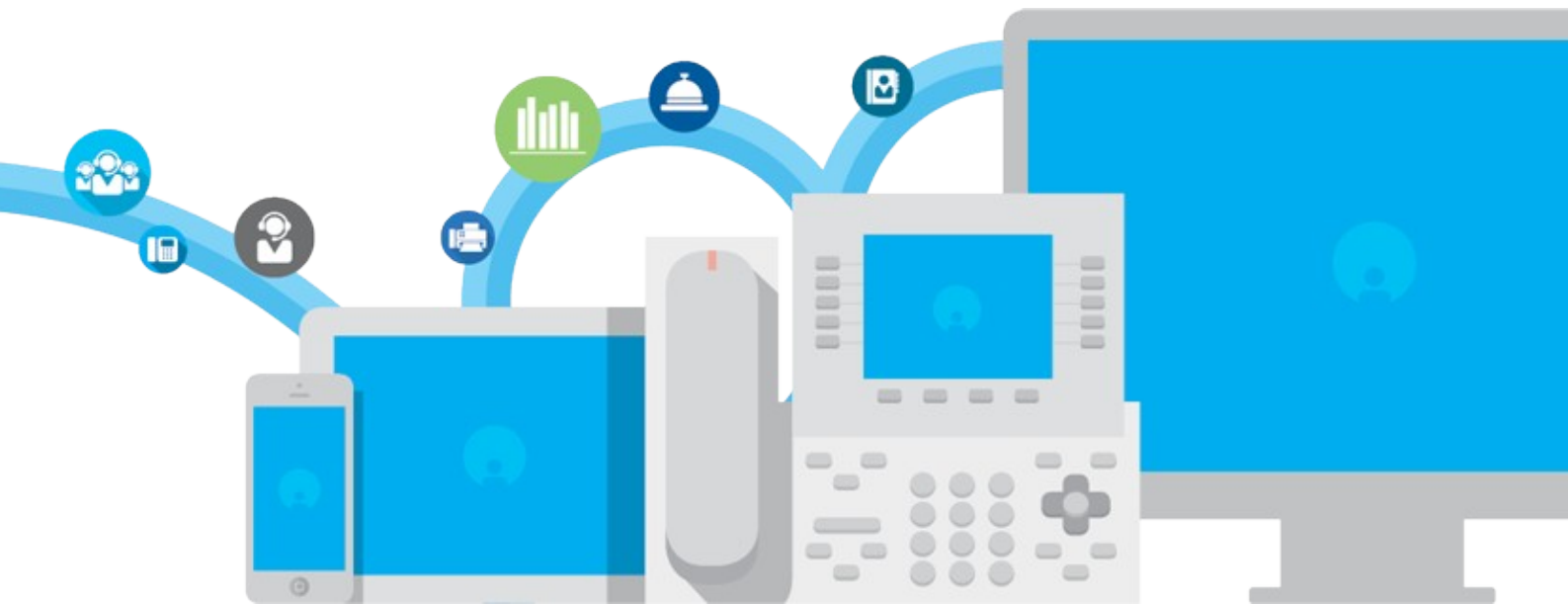


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Product Integration API

Overview

This section describes the REST API that can be used to integrate Call Recording and third party systems.

Basic Authentication

The REST API identifies its user with **HTTP Basic Authentication**. That is, if a function requires authentication, then it requires the *Authorization* HTTP header, which must be as follows:

```
Authorization: Basic <userPasswordBase64>
```

where <userPasswordBase64> is the base64 encoding of <user>:<password>.

For instance, suppose you need to call a function with user="myuser" and password="mypassword". You need to base64-encode the string "myuser:mypassword", which is "bXl1c2VyOm15cGFzc3dvcmQ=", obtaining the following HTTP header:

```
Authorization: Basic bXl1c2VyOm15cGFzc3dvcmQ=
```

Basic Authentication with SSO support

Starting from Imagicle 204.Spring.1 release, Imagicle REST APIs can be invoked by a user with SSO authentication. To enable this feature, the following setting file must be amended:

```
\StonevoiceAS\Apps\ApplicationSuite\Settings\ApplicationSuite.defaults
```

Locate the parameter "AllowBasicAuthForSsoUsersViaWebApi" and change its default value from 0 to 1

```
AllowBasicAuthForSsoUsersViaWebApi=1
```

UCX Cloud Suite customers can contact Imagicle Support to enable this feature in their Cloud instance.

RHS Colon Syntax

Some of the API functions support RHS colon syntax to specify different parameter operators depending on the type of each parameter. The available operators syntax is listed below:

DateTime ISO-8601

Operator	Examples	Notes
equals	param>equals:2018-11-01T00:00:00Z param=2018-11-01T00:00:00Z	The operator name can be omitted, as it is the default operator
before	param=before:2018-10-10T13:05:34Z	
after	param=after:2018-11-05T09:12:24Z	
between	param=between:2018-11-01T00:00:00Z;2018-11-02T00:00:00Z	The lower limit is included and the upper one is not. The two limits are separated by a semicolon symbol

String

Note: If the searched string contains a semicolon or a backslash, they must be escaped by prepending a backslash character.

Operator	Examples	Notes
equals	param=equals:some string param=semi\;colon and back\\slash	The operator name can be omitted, as it is the default operator
contains	param=contains:some string	

Start Recording

Start recording a connected call on the line identified by the device name and/or the directory number.

Resource URL

POST fw/Apps/Recorder/WebAPI/LiveRecordings

Resource Information

- Request Content-Type: application/json
- Response Content-Type: application/json
- Requires authentication: Yes
- Minimum authorization level: Call Recording lv.10

URL Parameters

None

Request body

The request body is an application/json object with the following model:

StartRecording

Name	Type	Required	Description	Default	Example
deviceName	string	Yes, if directoryNumber is not specified	The device you want to record (there must be a connected call on it). If directoryNumber is specified too, the call on the device will be recorded only if it belongs to the given line	null	"SEP123456789ABC"
directoryNumber	string	Yes, if deviceName is not specified	The line you want to record (there must be a connected call on it). If deviceName is specified too, the call on the line will be recorded only if it belongs to the given device	null	"101"
mode	RecordingMode	No	The recording mode you want to use.	0	0

RecordingMode

Value	Description
0	Cisco Media Forking
1	Dial-In

Response

201 Created

The call is being recorded

Response body

Name	Type	Description
id	string	The identifier of the recording you just started

Error response

400 Bad Request

The request contains some errors

Response body

Name	Type	Description
reason	BadRequestReason	The reason why the request has been rejected
deviceName	string	The name of the device that cannot be monitored through TAPI. Present only if reason=1.

BadRequestReason

Value	Description
0	The request body contains neither the device name nor the directory number
1	The line identified by given device name and/or directory number does not exist or isn't monitorable through <u>TAPI</u>
2	Invalid recording mode
4	The device is not configured to manually start recording a call

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The call cannot be recorded due to user authorization issues or to the restrictions set on the Imagicle Call Recording Service

Response body

Name	Type	Description
reason	ForbiddenReason	The reason why the request has been rejected
username	string	The username associated to the call is not authorized to record. Present only if reason=1.

ForbiddenReason

Value	Description
0	Authenticated user is unauthorized
1	The user associated to the call is not authorized to record
2	The call direction doesn't match the filter set on the Imagicle Call Recording service
3	The call traffic type doesn't match the filter set on the Imagicle Call Recording service
4	Remote party is in the blacklist set on the Imagicle Call Recording service

409 Conflict

The call cannot be recorded due to the current status of the Imagicle Call Recording service

Response body

Name	Type	Description
reason	ConflictReason	The reason why the request has been rejected
extension	string	Directory number of the line having a connected call but no user associated (may be null if no such line has been found)

ConflictReason

Value	Description
0	The call connected on given device is on a line with no IAS user associated to it
1	There is no connected call on given device

429 Too Many Requests

The request has already been received

Response body

Name	Type	Description
reason	TooManyRequestsReason	The reason why the request has been rejected

TooManyRequestsReason

Value	Description
0	Another recording request has already been received for this call (the recording has not started yet)
1	The call is already being recorded

500 Internal Server Error

An error occurred while processing the request

501 Not Implemented

The call cannot be recorded due to a misconfiguration of the Imagicle Call Recording service

Response body

Name	Type	Description
reason	NotImplementedReason	The reason why the request has been rejected

NotImplementedReason

Value	Description
0	Invalid Imagicle Call Recording license
1	No recording pilot has been configured on the Imagicle Call Recording service
2	Configured recording pilot doesn't route calls to the Imagicle Call Recording service (if mode is DialIn), or something is not correctly configured on CUCM side (if mode is MediaForking)

503 Service Unavailable

The call cannot be recorded because all licensed channels are being used

504 Gateway Timeout

Imagicle Call Recording service is unavailable

Examples

Successful request

In this example we start recording a connected call on the device "SEP123456789ABC" using Cisco Media Forking:

```
POST fw/Apps/Recorder/WebAPI/LiveRecordings
```

Request body:

```
{
  "deviceName": "SEP123456789ABC"
}
```

The response status is 201 Created, and its body is:

```
{
  "id": "6b98303a-b295-473a-adae-19b78aca468d"
}
```

Request failure

In this example we try to start recording a connected call on the device "SEP123456789ABC" for the directory number "101" using Dial-In, but the call is already being recorded:

```
POST fw/Apps/Recorder/WebAPI/LiveRecordings
```

Request body:

```
{
  "deviceName": "SEP123456789ABC",
  "directoryNumber": "101",
  "mode": 1
}
```

The response status is 429 TooManyRequests, and its body is:

```
{
  "reason": 1
}
```

Stop Recording

Stop recording a call

By recording id

Stop recording the call identified by the id returned when the recording was started.

Resource URL

DELETE fw/Apps/Recorder/WebAPI/LiveRecordings/{id}

Resource Information

- Request Content-Type: -
- Response Content-Type: -
- Requires authentication: Yes
- Minimum authorization level: Call Recording lv.10

URL Parameters

Name	Type	Required	Description	Default	Example
id	GUID	required	The id of the recording	null	75A90276-E47E-4e9e-B463-E3C743D5FF3A

Request body

None

Response

204 No Content

The recording has been stopped.

Error response

400 Bad Request

The request contains some errors

Response body

Name	Type	Description
reason	BadRequestReason	The reason why the request has been rejected
deviceName	string	The name of the device that cannot be monitored through TAPI. Present only if reason=1.

BadRequestReason

Value	Description
0	Id is not a valid GUID
1	Id identifies a recording on a line that isn't monitorable through TAPI

2	Device configured for Automatic call recording
---	------------------------------------------------

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The authenticated user has no sufficient privileges to stop a recording

409 Conflict

Id doesn't identify a live recording

500 Internal Server Error

An error occurred while processing the request

504 Gateway Timeout

Imagicle Call Recording service is unavailable

Examples

Successful request

In this example we stop the recording having id "75A90276-E47E-4e9e-B463-E3C743D5FF3A":

```
DELETE fw/Apps/Recorder/WebAPI/LiveRecordings/75A90276-E47E-4e9e-B463-E3C743D5FF3A
```

The response status is 204 No Content, and the recording having the given id has been stopped.

Request failure

In this example we try to stop the recording having id "75A90276-E47E-4e9e-B463-E3C743D5FF3A", but the given id doesn't identify a live recording:

```
DELETE fw/Apps/Recorder/WebAPI/LiveRecordings/75A90276-E47E-4e9e-B463-E3C743D5FF3A
```

The response status is 409 Conflict.

By device name and directory number

Stop a recording on the line identified by the device name and/or the directory number.

Resource URL

```
DELETE fw/Apps/Recorder/WebAPI/LiveRecordings?deviceName={deviceName}&directoryNumber={directoryNumber}
```

Resource Information

- Request Content-Type: -
- Response Content-Type: -
- Requires authentication: Yes
- Minimum authorization level: Call Recording lv.10

URL Parameters

Name	Type	Required	Description	Default	Example
deviceName	string	Yes, if directoryNumber is not specified	The device having the recording you want to stop. If directoryNumber is specified too, the recording on the device will be stopped only if it belongs to the given line. If the recording you want to stop is a manually started dial-in, don't specify this parameter. Specify just the directoryNumber or use the version of the function with the recording ID instead.	null	"SEP123456789ABC"
directoryNumber	string	Yes, if deviceName is not specified	The line having the recording you want to stop. If deviceName is specified too, the recording on the line will be stopped only if it belongs to the given device	null	"101"

Request body

None

Response

204 No Content

The recording has been stopped.

Error response

400 Bad Request

The request contains some errors

Response body

Name	Type	Description
reason	BadRequestReason	The reason why the request has been rejected
deviceName	string	The name of the device that cannot be monitored through TAPI. Present only if reason=1.

BadRequestReason

Value	Description
0	No device name nor directory number specified
1	The line identified by given device name and/or directory number has a live recording, but is not monitorable through TAPI
2	Device configured for Automatic call recording

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The authenticated user has no sufficient privileges to stop a recording

409 Conflict

- There is not a call being recorded on the given device name and/or directory number
- There is a call being recorded, but it is a manually started dial-in and the stop has been invoked providing the device name

500 Internal Server Error

An error occurred while processing the request

504 Gateway Timeout

Imagicle Call Recording service is unavailable

Examples

Successful request

In this example we stop the recording on device "SEP123456789ABC":

```
DELETE fw/Apps/Recorder/WebAPI/LiveRecordings?deviceName=SEP123456789ABC
```

The response status is 204 No Content, and the recording on the given device has been stopped.

Request failure

In this example we try to stop recording a connected call on the device "SEP123456789ABC" for the directory number "101", but the call is not being recorded:

```
DELETE fw/Apps/Recorder/WebAPI/LiveRecordings?deviceName=SEP123456789ABC&directoryNumber=101
```

The response status is 409 Conflict.

Get Recordings List

Returns a collection of completed recordings, sorted by most recent first.

To get detailed information about a single recording use the [Get Recording](#) function.

Resource URL

GET fw/Apps/Recorder/WebAPI/Recordings

Resource Information

- Request Content-Type: application/json
- Response Content-Type: application/json
- Requires authentication: Yes
- Minimum authorization level: Call Recording Base Access

URL Parameters

Paging

Name	Type	Required	Description	Default	Example
page	int	false	The 0-based page index you want to be returned	<i>null</i>	2
pageSize	int	false	Number of records in a single page	<i>null</i>	25

Filtering

This function supports filtering using the [RHS colon](#) syntax.

Name	Type	Operators	Required	Description	Default	Example
startTime	DateTime ISO-8601	[equals], before, after, between	false	Filter the returned recordings according to their start time	<i>null</i>	after:2018-11-01T00:00:00Z
endTime	DateTime ISO-8601	[equals], before, after, between	false	Filter the returned recordings according to their end time	<i>null</i>	after:2018-11-01T00:00:00Z
localPartyNumber	string	[equals]	false	Filter the recordings having given local party number	<i>null</i>	225
remotePartyNumber	string	[equals], contains	false	Filter the recordings whose remote party number is or contains given value	<i>null</i>	contains:+39
ownerUsername	string	[equals]	false	Filter the recordings of the given user	<i>null</i>	john_doe
direction	Direction	[equals]	false	Filter the recordings having given direction	<i>null</i>	1

Direction

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

Request body

None

Response

200 OK

Response body

The response body is an application/json object having the following model:

Name	Type	Description
totalCount	int	The total number of recordings that match given filters
recordings	Recording[]	An array containing the requested recordings page or all the matching recordings if no paging is requested

Recording

Name	Type	Description
id	GUID	The identifier of the recording
referenceNumber	string	A unique, friendly, identifier generated by Imagicle Call Recording of the recording
startTime	DateTime ISO-8601	Date and time when the recording begun
duration	Duration ISO-8601	Duration of the recording
direction	Direction	Direction of the recorded call (0: unknown, 1: incoming, 2: outgoing)
ownerUsername	string	The username of the user who recorded the call
localPartyNumber	string	The telephone number of the phone recording the call
remotePartyNumber	string	The telephone number remote party

Error response

400 Bad Request

One or more of the given parameters are invalid

Response body

Name	Type	Description
reason	BadRequestReason	The reason why the request has been rejected
message	string	A human readable message

BadRequestReason

Value	Description
0	Some filtering parameters are invalid
1	Some paging parameters are invalid

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The authenticated user has not sufficient privileges

500 Internal Server Error

An unexpected error occurred

504 Gateway Timeout

When the Call Recording service is down

Examples

Successful request

In this example we request the second page of size 2 of all the recordings of the incoming calls started on the 1st of November 2018 and whose remote party number contains "02":

```
GET fw/Apps/Recorder/WebAPI/Recordings?page=1&pageSize=2&startTime=between:2018-11-01T00:00:00Z;2018-11-02T00:00:00Z
```

The response status is 200 Ok, and its body is:

```
{
  "totalCount": 50,
  "recordings": [
    {
      "id": "75A90276-E47E-4e9e-B463-E3C743D5FF3A",
      "referenceNumber": "2017000000175",
      "startTime": "2018-11-01T16:39:15.0000000+02:00",
      "duration": "PT1M31.87S",
      "direction": 1,
      "localPartyNumber": "229",
      "remotePartyNumber": "980200",
      "ownerUsername": "user1"
    },
    {
      "id": "966B4AF0-CC56-4724-A640-7025142652EF",
      "referenceNumber": "2017000000193",
      "startTime": "2018-11-01T10:20:59.0000000+01:00",
      "duration": "PT2M20.65S",
      "direction": 1,
      "localPartyNumber": "132",
      "remotePartyNumber": "+390244548866",
      "ownerUsername": "user2"
    }
  ]
}
```

Request failure

In this example we try to filter the recordings with invalid filters:

```
GET fw/Apps/Recorder/WebAPI/Recordings?startTime=before:2018/45/01&direction=5
```

The response status is 400 BadRequest.

Get Recording

Retrieve metadata information for a (completed) recording.

Resource URL

GET `fw/Apps/Recorder/WebAPI/Recordings/{id}`

Resource Information

- Request Content-Type: application/json
- Response Content-Type: application/json
- Requires authentication: Yes
- Minimum authorization level: Call Recording Base Access (lv. 2)

URL Parameters

Name	Type	Required	Description	Default	Example
id	GUID	required	The id of the recording	null	75A90276-E47E-4e9e-B463-E3C743D5FF3A

Request body

None

Response

200 OK

Response body

The response body is an application/json object with the following model:

Name	Type	Description
id	string	The identifier of the recording
referenceNumber	string	A unique, friendly, identifier generated by Imagicle Call Recording of the recording
pbxCallId	string	Number provided by the PBX to identify recordings which belong to the same conversation
startTime	DateTime ISO-8601	Date and time when the recording begun
duration	Duration ISO-8601	Duration of the recording
direction	Direction	Direction of the recorded call
localPartyNumber	string	The telephone number of the IP phone recording the call
remotePartyNumber	string	The telephone number remote party
owner	User	The user who recorded the call
preservingUser	User	The user who preserved the call (if any)
note	Note	User's defined note for the recording
size	long	Size in bytes of the recording
hash	Hash	Hash that uniquely identify the recording

Direction

Value	Description
-------	-------------

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

User

Value	Type	Description
username	string	IAS username
firstName	string	The first name of the user
lastName	string	The last name of the user
phoneNumber	string	The primary extension of the user
group	string	The name of the recording group of the user
department	string	The name of the department of the user

Note

Value	Type	Description
owner	User	User who last edited the note
text	string	The text of the note

Hash

Value	Type	Description
SHA256	string	The SHA-256 hash of the recording

Error response

400 Bad Request

Id is not a valid GUID

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The authenticated user has no sufficient privileges to access the requested recording.

404 Not Found

Missing id or recording does not exist.

Examples

Successful request

In this example we get metdata of the recording having id "75A90276-E47E-4e9e-B463-E3C743D5FF3A":

```
GET fw/Apps/Recorder/WebAPI/Recordings/75A90276-E47E-4e9e-B463-E3C743D5FF3A
```

The response status is 200 Ok, and its body is:

```
{
```

```

    "id": "75A90276-E47E-4e9e-B463-E3C743D5FF3A",
    "referenceNumber": "2017000000175",
    "pbxCallId": "32158149",
    "startTime": "2017-06-14T14:39:15.0000000+02:00",
    "duration": "PT1M31.87S",
    "direction": 2,
    "localPartyNumber": "229",
    "remotePartyNumber": "9800",
    "owner": {
      "username": "user1",
      "firstName": "John",
      "lastName": "Doe",
      "phoneNumber": "101",
      "group": "Group1",
      "department": "Sales"
    },
    "preservingUser": {
      "username": "user2",
      "firstName": "Jane",
      "lastName": "Doe",
      "phoneNumber": "102",
      "group": "Group1",
      "department": "Sales"
    },
    "note": {
      "owner": {
        "username": "user1",
        "firstName": "John",
        "lastName": "Doe",
        "phoneNumber": "101",
        "group": "Group1",
        "department": "Sales"
      },
      "text": "Ref. invoice No.1234ABC"
    },
    "size": 356112,
    "hash": {
      "SHA256": "1DDAE20272E67699E325C31C8813720B770AC04BC1604C9B3B8967FEAEE1037F"
    }
  }
}

```

Request failure

In this example we try to get metadata of a recording that doesn't exist anymore:

```
GET fw/Apps/Recorder/WebAPI/Recordings/014309c0-cc7c-4be1-b6ee-6011a67441aa
```

The response status is 404 NotFound.

Download Recording

Retrieves the unencrypted MP3 media for a (completed) recording.

Note: an audit event of type Download Recording will be generated.

Resource URL

GET fw/Apps/Recorder/WebAPI/Recordings/{id}/Media

Resource Information

- Request Content-Type: application/json
- Response Content-Type: audio/mpeg
- Requires authentication: Yes
- Minimum authorization level: Call Recording Base Access (lv. 2)

URL Parameters

Name	Type	Required	Description	Default	Example
id	GUID	required	The id of the recording	<i>null</i>	75A90276-E47E-4e9e-B463-E3C743D5FF3A

Request body

None

Response

200 OK

Response body

The response body is a stream containing the MP3 encoded recording audio.

Error response

400 Bad Request

Id is not a valid GUID

401 Unauthorized

No authentication provided or wrong user credentials

403 Forbidden

The authenticated user has no sufficient privileges to access the requested recording.

404 Not Found

Missing id or recording does not exist.

Examples

Successful request

In this example we get the unencrypted media of the recording having id "75A90276-E47E-4e9e-B463-E3C743D5FF3A":

```
GET fw/Apps/Recorder/WebAPI/Recordings/75A90276-E47E-4e9e-B463-E3C743D5FF3A/Media
```

The response status is 200 Ok, and its body contains the recording stream.

Request failure

In this example we try to download a recording that doesn't exist anymore:

```
GET fw/Apps/Recorder/WebAPI/Recordings/014309c0-cc7c-4be1-b6ee-6011a67441aa/Media
```

The response status is 404 NotFound.

Get Active Recordings

Get the current active recordings, filtered by device name, directory number, username and/or numeric user ID.

Available since 2019.Winter.1.

Resource URL

GET fw/Apps/Recorder/WebAPI/LiveRecordings

Resource Information

- Request Content-Type: application/json
- Response Content-Type: application/json
- Requires authentication: Yes
- Minimum authorization level: Call Recording Complete Management (lv. 10)

URL query string Parameters

Name	Type	Required	Description	Default	Example
deviceName	string	false	The device name of the phone to be monitored	<i>null</i>	SEP123456789ABC
directoryNumber	string	false	The directory number of the line to be monitored	<i>null</i>	123456
username	string	false	The username of the user to be monitored	<i>null</i>	user1
numericUserId	string	false	The numeric user ID of the user to be monitored	<i>null</i>	654321

Note

If multiple filters are applied, all of them have to be met in order for an active recording to be retrieved by the service.

If no filters are specified, the service returns the complete list of all the active recordings.

If no active recording meeting the specified filters is found, an empty JSON array is returned.

Response

200 OK

Response body

The response body is an application/json object with the following model:

Name	Type	Description
id	string	Recording unique identifier
duration	ISO 8601 duration	Recording current duration
startedAt	ISO 8601 date	Recording start time
localParty	localParty	Details about the local party, <i>i.e.</i> the recording owner
remoteParty	remoteParty	Details about the remote party
isPaused	boolean	True if the recording is paused, false otherwise

localParty

Name	Type	Description
username	string	IAS Username

remoteParty

Name	Type	Description
firstName	string	Contact first name
lastName	string	Contact last name
phoneNumber	string	Remote party phone number

Error response

401 Unauthorized

No authentication provided or wrong user credentials.

403 Forbidden

The authenticated user has no sufficient privileges to access the requested recording.

500 Internal Server Error

An error occurred while processing the request.

Examples

Successful request

In this example we retrieve the active recordings associated to directory number **123456** and username **user1**

```
GET fw/Apps/Recorder/WebAPI/LiveRecordings?directoryNumber=123456&username=user1
```

The response status is **200 OK**, and its body is:

```
{
  "id": "6b98303a-b295-473a-adae-19b78aca468d",
  "duration": "PT1M13S",
  "startedAt": "2018-07-02T15:07:00.0000000",
  "localParty": {
    "username": "user1"
  },
  "remoteParty": {
    "firstName": "John",
    "lastName": "Doe",
    "phoneNumber": "+1555123456"
  },
  "isPaused": false
}
```

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

- 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"}
```