

CDRs and recordings API documentation

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## CDRs

## Endpoints

### Get access token

<b>Request</b>	
<i>endpoint</i>	https://{system_URL}:9443/api/v2/login
<i>verb</i>	POST
<i>request body</i>	<pre>{   "username": "yourUserName",   "password": "yourPassword",   "domain": "yourTenant" }</pre>

<b>Response</b>	
<b>Code</b>	<b>Description</b>
200	<div>Response body:<pre>{   "user": {     ...   },   "access_token": "{access_token_value}",   "refresh_token": "{refresh_token_value}" }</pre></div>
400	The information sent is invalid.
500	Error due to an internal issue.

## Get CDRs for {account\_id}

<b>Request</b>	
<b>endpoint</b>	<b>https://{system_URL}:9443/api/v2/reports/cdrs?starDate=1652977920&amp;endDate=1652978220220&amp;pageSize=1000</b>
<b>verb</b>	GET
<b>query param</b>	startDate: lower time limit in Unix timestamp
<b>query param</b>	endDate: upper time limit in Unix timestamp
<b>query param</b>	pageSize: max quantity of records to get
<b>query param</b>	startKey: pagination index
<b>header</b>	X-Account-ID: {account_id}
<b>header</b>	Authorization: "Bearer {access_token_value}"

<b>Response</b>	
<b>Code</b>	<b>Description</b>
200	<p>Response body:</p> <pre>{   "data": [{     "id": "202205-1-32626@178.128.227.190",     "call_id": "1-32626@178.128.227.190",     "datetime": "2022-05-06 17:18:39 +0000 UTC",     "timestamp": "63819076719",     "caller_id_name": "John Rei",     "caller_id_number": "15614526458",     "callee_id_name": "Joe One",     "callee_id_number": "1200",     "to": "16472760390@172.105.23.210:5060",     "from": "15614526458@178.128.227.190",     "billing_seconds": "196",     "hangup_cause": "NORMAL_CLEARING",     "media_recording_id": "202205-50621fa622dbd2f0b541a60b",     "recording_filename": "722b85d0ec084272561589d8f88115af.mp3"   }],   "next_start_key": "63819552548",   "page_size": 1 }</pre>
400	The information sent is invalid.
500	Internal server error

## Get Recordings metadata for {account\_id}

<b>Request</b>	
<b>endpoint</b>	<b>https://{system_URL}:9443/api/v2/reports/recordings?startDate=16529777920&amp;endDate=1652978220220&amp;pageSize=1000</b>
<b>verb</b>	GET
<b>query param</b>	startDate: lower time limit in Unix timestamp
<b>query param</b>	endDate: upper time limit in Unix timestamp
<b>query param</b>	pageSize: max quantity of records to get
<b>query param</b>	startKey: pagination index
<b>header</b>	X-Account-ID: {account_id}
<b>header</b>	Authorization: "Bearer {access_token_value}"

<b>Response</b>	
<b>Code</b>	<b>Description</b>
200	<p>Response body:</p> <pre>{   "recordings": [     {       "_id": "202205-04f57a0d0267ab6904d17984847c743d",       "owner_id": "73e6bafa6159397befa649d93738177d",       "call_id": "5c0ds2ataaehmg8ahsig",       "callee_id_name": "",       "callee_id_number": "8876",       "caller_id_name": "Jim One",       "caller_id_number": "1655",       "cdr_id": "202205-5c0ds2ataaehmg8ahsig",       "content_type": "audio/mpeg",       "custom_channel_vars": {         "Media-Name":           "b16902aaa6225a26a0bb80735c879757.mp3",         "Media-Recording-ID":           "202205-04f57a0d0267ab6904d17984847c743d"       },       "description": "recording b16902aaa6225a26a0bb80735c879757.mp3",       "direction": "inbound",       "duration": 476,       "duration_ms": 476340,       "from": "1655@fonouctest.cad2.fonouc.com",     }   ] }</pre>

	<pre> "interaction_id": "63819084089-eccbbde5", "media_source": "recorded", "media_type": "mp3", "name": "b16902aaa6225a26a0bb80735c879757.mp3", "origin": "inbound from onnet to account", "request": "8876@fonouctest.cad2.fonouc.com", "source_type": "kzc_recording", "start": 63819084093, "to": "8876@fonouctest.cad2.fonouc.com", "pvt_created": 63819084569, "user": {   "username": "jimone@fonouc.com",   "first_name": "Jim",   "last_name": "One" }, "url": "http://127.0.0.1:60891/recordings/v1", "_attachments": {   "b16902aaa6225a26a0bb80735c879757.mp3": {     "content_type": "audio/mpeg",     "revpos": 0,     "digest": "",     "length": 3813341,     "stub": false   } } }}, "next_start_key": "63819552548" } </pre>
400	The information sent is invalid.
500	Internal server error

## Get Recording file

<b>Request</b>	
<i>endpoint</i>	<code>https://{system_URL}:9443/api/v2/reports/recordings/{recording_id}</code>
<i>verb</i>	GET
<i>path param</i>	<b>recording_id</b> : ID of recording to get  Where to get <b>recording_id</b> from? <ul style="list-style-type: none"><li>• From CDRs: <code>media_recording_id</code> field</li><li>• From recordings: <code>_id</code> field</li></ul>
<i>header</i>	X-Account-ID: {account_id}
<i>header</i>	Authorization: "Bearer {access_token_value}"

<b>Response</b>	
<b>Code</b>	<b>Description</b>
200	Response body: { "recordings": [{ { "_id": "202205-04f57a0d0267ab6904d17984847c743d", "owner_id": "73e6bafa6159397befa649d93738177d", "call_id": "5cods2ataaehmg8ahsig", "callee_id_name": "", "callee_id_number": "8876", "caller_id_name": "Jim One", "caller_id_number": "1655", "cdr_id": "202205-5cods2ataaehmg8ahsig", "content_type": "audio/mpeg", "custom_channel_vars": { "Media-Name": <b>"b16902aaa6225a26a0bb80735c879757.mp3"</b> , "Media-Recording-ID": <b>"202205-04f57a0d0267ab6904d17984847c743d"</b> }, "description": "recording b16902aaa6225a26a0bb80735c879757.mp3", "direction": "inbound", "duration": 476, "duration_ms": 476340, }, ], }

	<pre> "from": "1655@fonouctest.cad2.fonouc.com", "interaction_id": "63819084089-eccbde5", "media_source": "recorded", "media_type": "mp3", "name": "b16902aaa6225a26a0bb80735c879757.mp3", "origin": "inbound from onnet to account", "request": "8876@fonouctest.cad2.fonouc.com", "source_type": "kzc_recording", "start": 63819084093, "to": "8876@fonouctest.cad2.fonouc.com", "pvt_created": 63819084569, "user": {   "username": "jimone@fonouc.com",   "first_name": "Jim",   "last_name": "One" }, "url": "http://127.0.0.1:60891/recordings/v1", "_attachments": {   "b16902aaa6225a26a0bb80735c879757.mp3": {     "content_type": "audio/mpeg",     "revpos": 0,     "digest": "",     "length": 3813341,     "stub": false   } } } }}, "next_start_key": "63819552548" } </pre>
400	The information sent is invalid.
500	Internal server error