

CDR

The **CDR** endpoint is a read-only reporting endpoint. It supports `GET` only; create, update, and delete methods return `method_not_allowed`. Tenant API keys must include `tenant=CANISTRACCI`. Global API keys can query one tenant by code or name, or use SQL-style `%` wildcards in the tenant parameter.

Object Summary

Property	Value
Object	<code>cdr</code>
Primary path	<code>/cdrs</code>
Path aliases	<code>/cdr</code> , <code>/cdrs</code> , <code>/call</code> , <code>/calls</code>
Supported method	<code>GET</code>
Default format	<code>json</code>
Compatibility formats	<code>template</code> , <code>xml</code>

Endpoint Patterns

Action	Example pattern
List records	<code>GET</code> <code>https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI</code>
Filter by date range	<code>GET</code> <code>https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&start=2026-06-01%2000%3A00%3A00&end=2026-06-01%2023%3A59%3A59</code>
Filter by ID from the path	<code>GET</code> <code>https://pbx.example.com/pbx/openapi.php/cdrs/RECORD_ID?tenant=CANISTRACCI</code>
Template/XML compatibility output	<code>GET</code> <code>https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&format=template&template=Docs%20Export</code>

Query Parameters

Parameter	Description
<code>tenant</code>	Tenant code or tenant name. Global API keys can use % wildcards; tenant API keys are restricted to their tenant.
<code>start</code>	Start date and time. Defaults to today at 00:00:00.
<code>end</code>	End date and time. Defaults to today at 23:59:59.
<code>id</code>	Comma-separated CDR ID values. A path value such as /cdrs/123 also maps to this filter.
<code>uniqueid</code>	Comma-separated Asterisk unique ID values.
<code>linkedid</code>	Comma-separated linked ID values used to group call legs.
<code>src</code>	Comma-separated source values.
<code>firstdst</code>	Comma-separated first destination values.
<code>disposition</code>	Comma-separated disposition values such as ANSWERED, NO ANSWER, BUSY, or FAILED.
<code>direction</code>	Direction filter based on the CDR userfield mapping. Accepted values are IN, OUT, IN,OUT, and OUT,IN.
<code>phone</code>	Comma-separated phone values searched across src, dst, firstdst, lastdst, realsrc, and wherelanded.
<code>format</code>	Response format. Defaults to json. Use template or xml for template-based compatibility output.
<code>template</code>	Template name from the tenant XML templates. Used only with format=template or format=xml.
<code>contenttype</code>	Optional Content-Type header for rendered template output.

Response Fields

Field	Description
<code>accountcode</code>	Tenant code stored on the CDR.
<code>ID</code>	Internal CDR row ID.
<code>start</code>	Call start timestamp.
<code>answer</code>	Answer timestamp when the call was answered.
<code>end</code>	Call end timestamp.

Field	Description
<code>clid</code>	Full caller ID string.
<code>realsrc</code>	Normalized or real source value.
<code>firstdst</code>	First dialed destination tracked by MiRTA PBX.
<code>duration</code>	Total call duration in seconds.
<code>billsec</code>	Answered talk time in seconds.
<code>disposition</code>	Asterisk call disposition.
<code>cc_cost</code>	Calculated tenant-side call cost when available.
<code>dcontext</code>	Asterisk destination context.
<code>dstchannel</code>	Destination channel.
<code>userfield</code>	MiRTA PBX call marker, commonly including inbound or outbound direction information.
<code>uniqueid</code>	Asterisk unique ID for the CDR leg.
<code>prevuniqueid</code>	Previous unique ID for linked call-leg processing.
<code>lastdst</code>	Last destination reached by the call.
<code>wherelanded</code>	Final PBX object or destination where the call landed.
<code>src</code>	Asterisk source value.
<code>dst</code>	Asterisk destination value.
<code>lastapp</code>	Last Asterisk application executed.
<code>srcCallID</code>	Source SIP Call-ID when available.
<code>linkedid</code>	Asterisk linked ID used to group related CDR legs.
<code>peeraccount</code>	Asterisk peer account value.
<code>originateid</code>	Origination tracking ID when available.
<code>cc_country</code>	Rated country when rating data is available.
<code>cc_network</code>	Rated network when rating data is available.
<code>pincode</code>	PIN code associated with the call when present.
<code>cc_buy</code>	Calculated buy-side cost when available.

Important Notes

- When neither id nor uniqueid is supplied, the endpoint applies the start/end date range.
- When neither id nor linkedid is supplied, the endpoint also applies the start/end date range.

- Template and XML compatibility output require the request to resolve to exactly one tenant.
- The endpoint may repair attended-transfer and where-landed CDR metadata while preparing results.

Examples

List Today CDRs

Returns CDR rows for the selected tenant using today as the default date range.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI"
```

CDR Date Range

Limits results to an explicit date and time window.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&start=2026-06-01%2000%3A00%3A00&end=2026-06-01%2023%3A59%3A59"
```

CDR by Path ID

Uses the path segment after /cdrs as a CDR ID filter.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs/123456?tenant=CANISTRACCI"
```

CDR by ID and Unique ID

Filters by one or more CDR row IDs and one or more Asterisk unique IDs.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&id=123456%2C123457&uniqueid=1"
```

```
717240000.42"
```

CDR by Linked ID

Returns all matching CDR legs associated with one linked call.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&linkedid=1717240000.42"
```

CDR Source Destination and Disposition

Combines source, first destination, and disposition filters.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&src=100&firstdst=15551234567&  
disposition=ANSWERED"
```

CDR Direction

Filters by outbound calls using the MiRTA PBX CDR userfield mapping.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&direction=OUT"
```

CDR Phone Search

Searches phone values across the main CDR source and destination columns.

```
curl -H "X-API-Key: TENANT_API_KEY" \  
"https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&phone=100%2C15551234567"
```

CDR Global Tenant Wildcard

Uses a global key and a tenant wildcard to query matching tenants.

```
curl -H "X-API-Key: GLOBAL_API_KEY" \
  "https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CAN%25&start=2026-06-01%2000%3A00%3A00&end=2026-06-01%2023%3A59%3A59"
```

CDR Template Output

Renders rows through a tenant XML/template definition. This requires exactly one tenant.

```
curl -H "X-API-Key: TENANT_API_KEY" \
  "https://pbx.example.com/pbx/openapi.php/cdrs?tenant=CANISTRACCI&format=template&template=Docs%20CDR%20Export&contenttype=text%2Fcsv"
```

Common Errors

Error	Meaning
missing_api_key	No API key was supplied in the query string, <code>X-API-Key</code> , or bearer token.
invalid_api_key	The supplied key does not match the tenant or global API key.
tenant_required	A tenant code or tenant name is required when using a tenant API key.
single_tenant_required	Template output requires the request to resolve to exactly one tenant.
template_not_found	The selected XML/template output template does not exist for the tenant.
method_not_allowed	The endpoint is read-only and only supports GET.

Revision #13

Created 2026-06-06 08:14:40 UTC by Admin

Updated 2026-07-03 15:49:00 UTC by Admin