

Robocall Mitigation Database API Documentation

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Overview

This Application Programming Interface (API) provides public read-only access to the certifications in the Robocall Mitigation Database. All voice service providers must file certifications detailing their current STIR/SHAKEN caller ID authentication framework and/or robocall mitigation program. The current inventory of voice service providers who have filed is available to view and download.

Accessing the API

Endpoint:

https://fccprod.servicenowservices.com/api/x_g_fmc_rmd/rmd/public

HTTP Method:

GET

Optional Parameters:

sysparm_query

See full documentation of how to use sysparm_query below

Authentication:

No Authentication Needed

Headers:

Accept

Data format of the response body. Supported types: application/json or application/xml.

Default: application/json

Examples of Queries

All entries in the RMD:

https://fccprod.servicenowservices.com/api/x_g_fmc_rmd/rmd/public

Keyword search across all fields (including attachments) for the word 'museum'

https://fccprod.servicenowservices.com/api/x_g_fmc_rmd/rmd/public?sysparm_query=123TEXTQUERY321=museum

Business Name contains "Affinity"

https://fccprod.servicenowservices.com/api/x_g_fmc_rmd/rmd/public?sysparm_query=business_name LIKE Affinity

Documentation of sysparm_query

Encoded query used to filter the result set.

Syntax: `sysparm_query=<col_name><operator><value>`.

- `<col_name>`: Name of the table column to filter against.
- `<operator>`: Supports the following values:
 - `=`: Exactly matches `<value>`.
 - `!=`: Does not match `<value>`.
 - `^`: Logically AND multiple query statements.
 - `^OR`: Logically OR multiple query statements.
 - `LIKE`: `<col_name>` contains the specified string. Only works for `<col_name>` fields whose data type is string.
 - `STARTSWITH`: `<col_name>` starts with the specified string. Only works for `<col_name>` fields whose data type is string.
 - `ENDSWITH`: `<col_name>` ends with the specified string. Only works for `<col_name>` fields whose data type is string.

`<value>`: Value to match against.

All parameters are case-sensitive. Queries can contain more than one entry, such as `sysparm_query=<col_name><operator><value>[<operator><col_name><operator><value>]`.

For example:

```
(sysparm_query=caller_id=javascript:gs.getUserID()^active=true)
```

Encoded queries also supports order by functionality. To sort responses based on certain fields, use the `ORDERBY` and `ORDERBYDESC` clauses in `sysparm_query`.

Syntax:

- `ORDERBY<col_name>`
- `ORDERBYDESC<col_name>`

For example:

```
sysparm_query=active=true^ORDERBYnumber^ORDERBYDESCcategory
```

This query filters all active records and orders the results in ascending order by number, and then in descending order by category.

If part of the query is invalid, such as by specifying an invalid field name, the instance ignores the invalid part. It then returns rows using only the valid portion of the query.