### Create Table

Creates a new Logpresso Sonar table. Administrator privileges are required to call this API.

#### HTTP Request

POST /api/sonar/tables

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ -d table=demo \ -d company\_guid=6fbe27b7-f1ae-4d7a-a1a5-76d8fa9aa311 \ -X POST \ https://HOSTNAME/api/sonar/tables

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| table | O | String | Table name | Case-sensitive. Minimum 1 to maximum 50 characters |
| company\_guid | O | String | Company GUID | 36 characters |
| compression | X | String | Compression algorithm | Default: snappy |
| layout | X | String | Block layout | Default: columnar |
| crypto\_profile\_guid | X | String | Encryption profile GUID | 36 characters |
| retention | X | 32-bit integer | Retention cycle in days | Minimum: 0 (unlimitied). Maximum: 36500. Default: 0 |

Table names can only contain numbers, upper and lower case alphabets, and underscores.

#### Success Response

{}

#### Error Responses

Required argument is missing

HTTP status code 400

{ "error\_code": "null-argument", "error\_msg": "table should be not null"}

Invalid argument length

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'table' must be shorter than or equal to 50 characters."}

Invalid table name

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'table' must begin with a letter and may contain alphanumeric and underscore characters: 0123"}

Identifier is not in valid GUID format

HTTP status code 400

{ "error\_code": "invalid-param-type", "error\_msg": "company\_guid should be guid type."}

Invalid compression algorithm

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'compression' should be one of deflate or snappy."}

Invalid block layout

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'layout' should be one of row or columnar."}

Retention period out of valid range

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'retention' must be less than or equal to 36500."}

No privilege to create a table

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "no-permission"}

Duplicate table name

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "duplicated table name: demo"}

Company is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "company not found: 6fbe27b7-f1ae-4d7a-a1a5-76d8fa9aa312"}

Crypto profile is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "crypto profile not found: 6f238ab0-7c11-4dc3-9543-ebb3d1cdde12"}