### Create Stream Query

Creates a new stream query. This operation requires administrator privileges.

#### HTTP Request

POST /api/sonar/stream-queries

cURL Example

curl -H "Authorization: Bearer <API\_KEY>" \ -d name="test\_stream\_query" \ -d description="Test stream query" \ -d source\_type="table" \ -d source="my\_table,another\_table" \ -d interval=60 \ -d query="table limit=100 | stats count" \ -d is\_enabled=true \ -d is\_async=false \ -X POST "https://HOSTNAME/api/sonar/stream-queries"

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| guid | X | String | Stream query GUID | 36 characters. Random GUID if not set |
| name | O | String | Stream query name | Minimum 1, maximum 50 characters |
| description | X | String | Description | Maximum 2,000 characters |
| is\_enabled | X | Boolean | Enabled status | Default: true |
| source\_type | O | String | Source type | One of table, logger, stream |
| source | X | String list | Source list | Comma-separated source list |
| interval | O | 32-bit int | Refresh interval | Unit: seconds, value must be >= 0 |
| query | X | String | Query string | Empty query if not set |
| is\_async | X | Boolean | Asynchronous mode | Default: false |

#### Success Response

{}

#### Error Responses

Missing Required Parameters

HTTP status code 400

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

Invalid Parameter Length

HTTP status code 400

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

Negative Interval Value

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "interval should be non-negative: -1"}

Unsupported Source Type

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "unsupported source type: invalid\_type"}

Duplicate Stream Query GUID

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "duplicated stream query guid: 12345678-1234-1234-1234-123456789012"}

No Administrator Permission

HTTP status code 500

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

Query Syntax Error

HTTP status code 400

{ "error\_code": "query-parse-exception", "error\_msg": "syntax error at line 1: unexpected token"}