### Get Stream Queries

Retrieves the list of stream queries. This operation requires administrator privileges.

#### HTTP Request

GET /api/sonar/stream-queries

cURL Example

curl -H "Authorization: Bearer <API\_KEY>" \ "https://HOSTNAME/api/sonar/stream-queries?offset=0&limit=20"

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| offset | O | 32-bit Integer | Number of records to skip | Integer greater than or equal to 0 |
| limit | O | 32-bit Integer | Maximum number of records | Integer greater than or equal to 0 |
| keywords | X | String | Search keywords | Search string for name, description, query |

#### Success Response

{ "total\_count": 2, "stream\_queries": [ { "guid": "6dc1c563-d01c-3047-9573-cc6c24374925", "name": "example-code-1108", "description": "Stream query example", "source\_type": "table", "sources": ["TABLE1", "TABLE2"], "interval": 60, "query\_string": "rename RESULT\_CODE as RESULT\_CODE | eval bucket = string(LOG\_TIME, \"yyyyMMddHHmm\") | stats count by bucket,\_host,RESULT\_CODE,SVC\_NAME,TO\_SVC\_NAME,CALLING\_INTERFACE | rename SVC\_NAME as group\_field1 | rename TO\_SVC\_NAME as group\_field2 | rename CALLING\_INTERFACE as group\_field3 | eval \_time=date(bucket,\"yyyyMMddHHmm\") | fields \_time,bucket,\_host,group\_field1,group\_field2,group\_field3,RESULT\_CODE,count | import example-code-1108", "is\_enabled": true, "is\_async": false }, { "guid": "3fbedcfa-70f4-354e-a22c-d82007004657", "name": "example-code-1111", "description": "Stream query example", "source\_type": "table", "sources": ["TABLE1"], "interval": 60, "query\_string": "rename RESULT\_CODE as RESULT\_CODE | eval bucket = string(LOG\_TIME, \"yyyyMMddHHmm\") | stats count by bucket,\_host,RESULT\_CODE,TO\_SVC\_NAME,CALLING\_CONTENTS,CEK\_EXTENSION\_ID | rename TO\_SVC\_NAME as group\_field1 | rename CALLING\_CONTENTS as group\_field2 | rename CEK\_EXTENSION\_ID as group\_field3 | eval \_time=date(bucket,\"yyyyMMddHHmm\") | fields \_time,bucket,\_host,group\_field1,group\_field2,group\_field3,RESULT\_CODE,count | import example-code-1111", "is\_enabled": true, "is\_async": false } ]}

* **total\_count** (32-bit integer): Total number of stream queries
* **stream\_queries** (array): Paginated list of stream queries
* **guid** (string): Stream query GUID
* **name** (string): Name
* **description** (string): Description
* **source\_type** (string): Source type (one of table, logger, stream)
* **sources** (array): Source list
* **interval** (32-bit integer): Refresh interval in seconds
* **query\_string** (string): Query string
* **is\_enabled** (boolean): Enabled status
* **is\_async** (boolean): Asynchronous mode status

#### Error Responses

Missing Required Parameters

HTTP Status Code 400

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

offset, limit value is not an integer

HTTP Status Code 400

{ "error\_code": "invalid-argument", "error\_msg": "'offset' parameter should be int type"}

offset, limit value is negative

HTTP Status Code 400

{ "error\_code": "invalid-argument", "error\_msg": "'offset' must be greater than or equal to 0."}

No permission to retrieve stream query list

HTTP Status Code 500

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