### Create Scheduled Query

Creates a new scheduled query. Administrator privileges are required to call this API.

#### HTTP Request

POST /api/sonar/scheduled-queries

#### Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ -d name="test" \ -d query="table duration=1m sonar\_cpu\_logs | search idle <= 10" \ -d type="cron" \ -d cron\_schedule="\* \* \* \* \*" \ -X POST https://HOSTNAME/api/sonar/scheduled-queries

#### Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| name | O | String | Name | Maximum 255 characters |
| description | X | String | Description | Maximum 2,000 characters |
| enabled | X | Boolean | Whether the scheduled query is enabled or not | Default: false |
| query | O | String | Query string |  |
| trigger\_type | O | String | Query trigger type | Either cron(Run at predefined intervals or on a predetermined schedule) or workflow(Run based on the preceding query result) |
| cron\_schedule | O | String | Cron expression | Required when trigger\_type is set to cron. |
| preceding\_guid | X | String | GUID of preceding query | Required when trigger\_type is set to workflow. |
| preceding\_action | X | String | Preceding query status | Either succeeded, failed, or finished when trigger\_type is set to workflow |
| node\_types | X | List of strings | Node on which to run the query | Comma-separated list of control(control node) or data(data node) |
| output\_parameter | X | Boolean | Whether to pass the last result row as query parameter(s) to the subsequent query | Default: false |

#### Success Response

{}

#### Error Responses

Required argument is missing

HTTP status code 400

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

Invalid argument length

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'name' must be shorter than or equal to 255 characters."}

Duplicated query name

HTTP status code 500

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

Missing cron\_schedule value when trigger\_type is set to cron

HTTP status code 400

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

Missing preceding\_action value when trigger\_type is set to workflow

HTTP status code 400

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

Invalid preceding\_action value when trigger\_type is set to workflow

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "preceding\_action value must be one of 'finished', 'succeeded', 'failed'."}

No administrator privileges

HTTP status code 500

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