### Create Log Schema

Creates a new log schema.

#### HTTP Request

POST /api/sonar/log-schemas

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ -d code="ping" \ -d name="Ping" \ -d fields="[{""name"":""\_time"", ""type"":""DATE"", ""display\_name"":""Time"", ""ordinal"":1}, {""name"":""dst\_ip"", ""type"":""IP"", ""display\_name"":""Destination IP"", ""ordinal"":2}, {""name"":""rtt"", ""type"":""INT"", ""display\_name"":""Round trip time"", ""ordinal"":2}]" \ -X POST \ https://HOSTNAME/api/sonar/log-schemas

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| code | O | String | Log schema code | Minumum 1 to maximum 50 characters |
| name | O | String | Log schema name | Minumum 1 to maximum 50 characters |
| description | X | String | Log schema description | Maximum 255 characters |
| fields | X | String | Field definition list | JSON Array |

fieldsis JSON array string that contains the following properties:

* **type** (String): Field type
* One of the following: DATE, STRING, IP, PORT, INT, LONG, DOUBLE, COUNTRY, MD5, SHA1, URL.
* **name** (String): Field name (Maximum 50 characters)
* **display\_name** (String): Display name (Maximum 50 characters)
* **ordinal** (32-bit integer): Field order

#### Success Response

{}

#### Error Responses

No privilege to create a log schema

HTTP status code 500. A log schema is applied system-wide. To create a log schema, cluster administrator privileges are required.

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

Required argument is missing

HTTP status code 400.

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

Invalid argument length

HTTP status code 400.

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

Duplicated log schema ID

{ "error\_code": "illegal-state", "error\_msg": "duplicated log schema code: ping"}