### Create User

Creates a new user.

#### HTTP Request

POST /api/sonar/users

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ -d login=jsmith \ -d role\_id=2 \ -d name="John Smith" \ -d email="john.smith@example.com" \ -d password="PASSWORD" \ -X POST \ https://HOSTNAME/api/sonar/users

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| login | O | String | Login user name | Maximum 255 characters |
| role\_id | O | 32-bit integer | Role ID | 1 or 2 or 3. Refer to the below description. |
| name | O | String | User name | Minimum 1 to maximum 50 characters |
| email | O | String | Email address | Minimum 1 to maximum 255 characters |
| password | X | String | Password | Minimum 9 characters (complying with the password policy) |
| api\_key | X | String | API key | 36 characters |
| company\_guid | X | String | Company GUID | 36 characters |
| title | X | String | Title | Maximum 20 characters |
| dept | X | String | Department | Maximum 50 characters |
| phone | X | String | Phone number | Maximum 50 characters |
| mobile | X | String | Mobile number | Maximum 50 characters |
| locale | X | String | Locale | en or ko |
| home\_menu\_id | X | 32-bit integer | Home menu ID |  |
| ticket\_repos | X | List (of strings) | Ticket repository GUID list | Comma-separated list |
| readable\_tables | X | List (of strings) | Readable table list | Comma-separated list |
| user\_group\_guids | X | List (of strings) | User group GUID list | Comma-separated list |
| trust\_hosts | X | List (of strings) | Trusted IPs | Comma-separated list |
| idle\_behavior | X | String | Idle session timeout behavior | lock or logout |
| idle\_timeout | X | 32-bit integer | Idle session timeout time (in seconds) | Minimum 60 to maximum 604800. Default: 600 |
| password\_expiration | X | 32-bit integer | Password expiration period (days) | System default: -1, Unlimited: 0, Minimum 7 to maximum 3650 |
| login\_lock\_count | X | 32-bit integer | Account lockout threshold | Minimum 0 to maximum 5 (Default: 5) |
| login\_lock\_interval | X | 32-bit integer | Account lockout duration (minutes) | Minimum 1 to maximum 100000000 (Default: 10) |
| auth\_mode | X | 32-bit integer | Authentication mode | 0: Use both internal/external authentication methods (default). 1: Use only external authentication. |

**Role ID**

* (1) Cluster administrator: User with all privileges including cluster administrator privileges.
* (2) Company administrator: User with tenant privileges.
* (3) User: User with privileges to edit and view user objects such as dashboards, widgets, datasets, and tickets.

**Password policy**

* Minimum 9 characters.
* Alphanumeric characters and special characters must be included.
* Any three identical consecutive characters are not allowed.

#### Success Response

{}

#### Error Responses

Required argument is missing

HTTP status code 400

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

Invalid argument length

HTTP status code 400

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

Company identifier is not in valid GUID format

HTTP status code 400

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

Duplicate login user name

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "duplicate-login"}

Invalid email format

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "'email' parameter is not a valid email address: foo"}

No password specified for password authentication mode

HTTP status code 400. Password must be entered if auth\_mode is not specified or set to 0.

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

Insufficient password complexity

HTTP status code 400. Password should not contain login user name.

{ "error\_code": "invalid-argument", "error\_msg": "password contains login name"}

HTTP status code 400. The password does not consist of a combination of alphanumeric characters and special characters.

{ "error\_code": "invalid-argument", "error\_msg": "password should contain digits, alphabets, and special characters"}

HTTP status code 400. The password contains three consecutive identical characters.

{ "error\_code": "invalid-argument", "error\_msg": "password should not repeat same characters"}

Locale is not supported

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "unsupported locale: ru"}

Role ID is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "unknown role id: 5"}

Menu ID is not found

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "unknown menu id: 0"}

Invalid authentication mode

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "auth\_mode should be 0 or 1. input is 2."}

Create a user with higher privileges

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "no permission: cannot create cluster admin by user"}

User group is not found or available

HTTP status code 500

{ "error\_code": "illegal-state", "error\_msg": "user group not found: 28c1251b-2f7c-4c58-95a1-fc4a1ead877e"}