### Create Lookup

Creates a new lookup. This operation requires administrator role.

#### HTTP Request

POST /api/sonar/lookups

cURL Example

curl -H "Authorization: Bearer <API\_KEY>" \ -d name=country\_code \ -d description="Country code to Korean name mapping" \ -d fields="[{""field\_name"":"country\_code",""len"":2,""use\_null"":false},{""field\_name"":""name"",""len"":255,""use\_null"":false}]" -X POST https://HOSTNAME/api/sonar/lookups

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Notes |
| guid | N | String | Lookup GUID | 36 characters. Default: randomly generated |
| name | Y | String | Lookup name | Min 1, max 240 characters. Alphanumeric and underscore only |
| description | N | String | Lookup description | Max 2000 characters |
| fields | Y | Object array | Field definition list | Array of objects with field\_name, len, use\_null keys |

fields array element structure:

* **field\_name** (String): Field name
* **len** (32-bit integer): Maximum value length
* **use\_null** (Boolean): Whether empty values are allowed

#### Successful Response

HTTP status code 200 response

{}

#### Error Responses

name: required parameter missing

HTTP status code 400 response

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

name: invalid length

HTTP status code 400 response

{ "error\_code": "invalid-argument", "error\_msg": "'name' must be shorter than or equal to 240 characters."}

name: invalid characters

HTTP status code 400 response

{ "error\_code": "illegal-state", "error\_msg": "lookup name must be alphanumeric and underscore characters only: hello-world"}

name: duplicate lookup name

HTTP status code 500 response

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

permission: no lookup creation permission

HTTP status code 500 response

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