### Get Pattern Groups

Gets a list of the pattern groups that match the search keyword.

#### HTTP Request

GET /api/sonar/pattern-groups

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ https://HOSTNAME/api/sonar/pattern-groups

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| offset | X | 32-bit integer | Number of records to skip | Default: 0 |
| limit | X | 32-bit integer | Maximum number of records to load |  |
| keywords | X | String | Keyword | Search available by name, description |

#### Success Response

{ "total\_count": 23, "pattern\_groups": [ { "guid": "28ad21b2-585c-4b68-9fad-b78711078496", "name": "IPS WAS Exploit Alert", "description": "Detect attacks that exploit known vulnerabilities in WAS to cause remote code execution, denial of service, etc.", "pattern\_count": 15, "company\_guid": "6fbe27b7-f1ae-4d7a-a1a5-76d8fa9aa311", "company\_name": "Logpresso", "user\_guid": "ffaf431b-653a-4329-8f83-913cbb00342d", "user\_name": "Admin", "created": "2022-09-01 00:31:14+0900", "updated": "2022-09-01 00:31:14+0900" } ]}

* **total\_count** (32-bit integer): Total number of the pattern groups that match the search keyword
* **pattern\_groups** (Array): Pattern group list
* **guid** (String): Pattern group GUID
* **name** (String): Pattern group name
* **description** (String): Pattern group description
* **pattern\_count** (32-bit integer): Number of patterns
* **company\_guid** (String): GUID of the company (tenant) to which the group belongs
* **company\_name** (String): Name of the company (tenant) to which the group belongs
* **user\_guid** (String): GUID of the user who creates the pattern group
* **user\_name** (String): Name of the user who creates the pattern group
* **created** (String): Date and time of creation (yyyy-MM-dd HH:mm:ssZ)
* **updated** (String): Date and time of last modification (yyyy-MM-dd HH:mm:ssZ)

#### Error Responses

offset or limit value is not an integer

HTTP status code 400

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

offset or limit value is negative

HTTP status code 400

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