


Managing noise thresholds


The [NoiseAware API](#) provides two endpoints that let you manage noise thresholds for your properties and activity zones. Activity zones are user-defined zones within a property occupied by a NoiseAware sensor. The sensor detects when there is a sustained loud noise event (i.e., a loud party) at a location and issues an alert to the property owner.


List thresholds


The `thresholds/list` endpoint provides a list of existing thresholds.


Facts

CURL

HTTPie

Method Access

Content Types

Objects and Parameters

`POST http://portal.apps.noiseaware.io/thresholds/list`

`application/json`

filter array of objects

key `string` **REQUIRED**: The field you can filter the thresholds list by

operator `string` **REQUIRED**: The type of filtering you can do on the thresholds list

value `string` **REQUIRED**: The value or values of the thresholds list you can filter by

pagination object

pageNum `int64` **optional**: The page number returned for the thresholds list

perPage `int64` **optional**: The number of results per page to return for the thresholds list

Sort array of objects

key `string` **REQUIRED**: The field you can sort the threshold list by

order `string` **optional**: The direction that you want to order the sort by


Example `curl` request to get the thresholds list

CURL REQUEST

```
curl --request POST \
--url http://portal.apps.noiseaware.io/thresholds/list \
--header 'accept: application/vnd.threshold.list.response+json' \
--header 'content-type: application/json' \
--data '{
  "filter": [...],
  "pagination": {...},
  "search": "...",
  "sort": [...]
}'
```

Example response if the request was successful

RESPONSE

200

Example

```
{
  "data": [
    {
      "NRS": 860524306370836900,
      "TriggerCount": 8892729748833146000,
      "activityZoneID": 6938736476723408000,
      "endTime": 5512238172436655000,
      "startTime": 2429264096241431000,
      "timeZone": "Animi laboriosam harum."
    }
  ]
}
```

RESPONSES

-  200 OK
-  400 Bad Request
-  01 Unauthorized
-  500 Internal Server Error

Update noise thresholds

The `thresholds/replace` endpoint replaces an existing threshold set for a property or activity zone.

Facts



Method Access



Content Types



Objects and Parameters

path params

`id` `integer` **REQUIRED**: The activity zone id

`thresholds` array of objects

New thresholds to replace the threshold set for a property or activity zone

`NRS` `int64`: NRS 0-100

`TriggerCount` `int64`: The number of breaches before an event is triggered (minimum 1)

`activityZoneID` `int64`: The activity zone ID for the new thresholds

`endTime` `int64`: The end hour 0-24

`startTime` `int64`: The start hour 0-24

`timeZone` `string`: The timezone for the threshold;; if not provided, it will default to the parent property's timezone

Example `curl` request to replace the thresholds list

```
CURL REQUEST
curl --request PUT \
  --url http://portal.apps.noiseaware.io/thresholds/activityZone/id/replace \
  --header 'accept: application/vnd.threshold.replace.response+json' \
  --header 'content-type: application/json' \
  --data '
{
  "thresholds": [
    {
      "NRS": 860524306370836900,
      "TriggerCount": 8892729748833146000,
      "activityZoneID": 6938736476723408000,
      "endTime": 5512238172436655000,
      "startTime": 2429264096241431000,
      "timeZone": "Animi laboriosam harum."
    }
  ]
}
```

Example response if the request was successful


RESPONSE

200 Example

```
{
  "data": [
    {
      "NRS": 860524306370836900,
      "TriggerCount": 8892729748833146000,
      "activityZoneID": 6938736476723408000,
      "endTime": 5512238172436655000,
      "startTime": 2429264096241431000,
      "timeZone": "Animi laboriosam harum."
    },
    {
      "NRS": 860524306370836900,
      "TriggerCount": 8892729748833146000,
      "activityZoneID": 6938736476723408000,
      "endTime": 5512238172436655000,
      "startTime": 2429264096241431000,
      "timeZone": "Animi laboriosam harum."
    }
  ]
}
```

```
    "timeZone": "Animi laboriosam harum."
  },
  "detail": "All good here",
  "errors": [
    {
      "detail": "username is completely unacceptable",
      "field": "username"
    },
    {
      "detail": "username is completely unacceptable",
      "field": "username"
    }
  ],
  "status": "200"
}
```

RESPONSES

-  **200** OK
-  **400** Bad Request
-  **01** Unauthorized
-  **500** Internal Server Error