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Device

Updated 4 September 2026

Operations on device resources. 8 endpoints, each relative to <https://api.nxgen.cloud/api/v1> and authenticated as described under [Authentication](#).

POST /device/

Create new Device

Request body

Add a Device

```
{
  "payload": [
    {
      "id": "string",
      "status": "string",
      "armstate": "string",
      "sensorType": "string",
      "commercialName": "string",
      "catalogName": "string",
      "macAddress": "string",
      "deviceType": "string",
      "firmwareVersion": "string",
      "hardwareVersion": "string",
      "manufacturer": "string",
      "modelNo": "string",
      "srNo": "string",
      "specification": "string",
      "description": "string",
      "tags": [
        "string"
      ],
      "eventTags": [
        "string"
      ],
      "photos": [
        "string"
      ],
      "latitude": "string",
      "longitude": "string",
      "userName": "string (required)",
      "password": "string (required)",
      "ipAddressOrHostName": "string (required)",
      "controlPort": "string (required)",
```

```
"RTSPPort": "string (required)",
"RTSPUrl": "string",
"type": "string (required)",
"subType": "string",
"catalogId": "string",
"siteId": "string",
"eventRetentionTime": "string",
"sitePulseConfiguration": "boolean",
"pulseConfigurationTime": "object",
"configureHeatmapMask": "boolean",
"peirodicHealthCheck": "boolean",
"jsonSchema": "object",
"associatedSiteId": "string",
"cameraCount": "number",
"cameraList": [
{
"name": "...",
"enabled": "...",
"adproSourceUrl": "...",
"channelId": "..."
}
],
"parentAccountId": "string",
"siteParent": "string",
"customerId": "string",
"serviceProviderId": "string",
"siteEventProviderId": "string",
"customerEventProviderId": "string",
"serviceProvidersEventProviderId": "string",
"assetStatus": "string",
"uniqueId": "string",
"momentsTimeZoneCountryName": "String",
"profile": {
"photos": [
"..."
]
},
"geoCoordinates": {
"latitude": "string",
"longitude": "string"
}
}
]
```

Responses

StatusDescriptionBody200Success204No Content400Invalid input401Unauthorized403Forbidden

GET /device/arming/info?deviceId={deviceId}&action=info

To get Device arm information

Parameters

NameInTypeRequiredDescriptiondeviceIdquerystringyes

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

PUT /device/arming?deviceId={deviceId}&action={action}

Update arm/disarm by deviceId

Parameters

NameInTypeRequiredDescriptiondeviceIdquerystringyesactionquerybooleanyes

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

POST /device/filter

Gets device list with filtering, sorting and pagination. It allows hierarchical level searching. It can be filtered using specified hierarchy or it uses the logged in user hierarchy. This gives the option to get additional entity fields in the response. Also provides configuration meta data about entity.

Request body

Device filtering and sorting

```
{
  "filters": [
    {
      "columnName": "string (required)",
      "type": "distinctList | date | number | StringConditionFilter (required)",
      "filter": "object (required)"
    }
  ],
  "sortOrder": [
    {
      "columnName": "string",
```

```
"isAscending": "boolean"
},
],
"primaryColumns": [
"string"
],
"hierarchyLevel": "string",
"hierarchyId": "string",
"nPerPage": "number",
"pageNumber": "number",
"isConfigDetailRequired": "boolean",
"getConfig": "boolean",
"getChildOrParent": "boolean"
}
```

Responses

StatusDescriptionBody200Successobject204No Content400Invalid input401Unauthorized403-

Forbidden

Example 200 response:

```
{
  "config": {
    "columns": [
      {
        "visibility": true,
        "columnName": "commercialName",
        "DisplayName": "Device",
        "isFilterable": true,
        "filterType": "stringCondition",
        "sticky": true,
        "isRightBorder": true,
        "isMandatory": true,
        "isNotDraggable": true
      }
    ],
    "defaultNPerPage": 50,
    "defaultFilterCondition": [],
    "defaultSortingOrder": [
      {
        "columnName": "dateTime",
        "isAscending": false
      }
    ],
    "maxVisibleColumnCount": 6,
    "exportLimitNPerPage": 500
  },
  "dataResult": [
    {
      "id": "10eb916e67884c87a0833e494bef7e69",
      "commercialName": "Device",
      "siteParent": "Axxon Site",
      "enableAudio": "Enabled",

```

```
"parentAccountId": "f2b51c0f62c64d15a7b1acc5ea13082d",
"assetStatus": "active",
"uniqueId": "10eb916e67884c87a0833e494bef7e69",
"type": "Axxon",
"dateTime": 1655707624747,
"customerName": "Axxon customer"
},
{
  "id": "27b050033c2d48769b9fbaa83449cc67",
  "commercialName": "Device",
  "siteParent": "Site test",
  "enableAudio": "Enabled",
  "parentAccountId": "c772ac8dd22f4a9ab8241cb7db87a65e",
  "assetStatus": "active",
  "uniqueId": "27b050033c2d48769b9fbaa83449cc67",
  "type": "EdgeComputer",
  "dateTime": 1655274173376,
  "customerName": "OWT TEST",
  "srNo": "eqrrw"
}
],
"totalRecordsCount": 3552,
"filteredBy": [],
"sortedBy": [
  {
    "columnName": "dateTime",
    "isAscending": false
  }
],
"dispatchedAll": false,
"isDefaultProjectionMutated": false,
"isDefaultFilterMutated": false,
"isDefaultSortingMutated": false
}
```

PUT /device/isolate?deviceId={deviceId}&enable={enable}

Update isolation by device id

Parameters

NameInTypeRequiredDescriptiondeviceIdquerystringyesenablequerybooleanyesisolateStartTimequery-numbernodurationquerynumberno

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

GET /device/{id}

Get by device id

Parameters

NameInTypeRequiredDescriptionidpathstringyes

Responses

StatusDescriptionBody200Success204No Content401Unauthorized403Forbidden404Not Found

PUT /device/{id}

Update an existing device

Parameters

NameInTypeRequiredDescriptionidpathstringyes

Request body

```
{
  "payload": {
    "id": "string",
    "status": "string",
    "armstate": "string",
    "sensorType": "string",
    "commercialName": "string",
    "catalogName": "string",
    "macAddress": "string",
    "deviceType": "string",
    "firmwareVersion": "string",
    "hardwareVersion": "string",
    "manufacturer": "string",
    "modelNo": "string",
    "srNo": "string",
    "specification": "string",
    "description": "string",
    "latitude": "string",
    "longitude": "string",
    "userName": "string (required)",
    "password": "string (required)",
    "ipAddressOrHostName": "string (required)",
    "controlPort": "string (required)",
    "RTSPPort": "string (required)",
    "RTSPUrl": "string",
```

```

"type": "string (required)",
"subType": "string",
"catalogId": "string",
"siteId": "string",
"eventRetentionTime": "string",
"sitePulseConfiguration": "boolean",
"pulseConfigurationTime": "object",
"configureHeatmapMask": "boolean",
"peirodicHealthCheck": "boolean",
"jsonSchema": "object",
"associatedSiteId": "string",
"cameraCount": "number",
"cameraList": [
{
"name": "string",
"enabled": "number",
"adproSourceUrl": "string",
"channelId": "number"
}
],
"parentAccountId": "string",
"siteParent": "string",
"customerId": "string",
"serviceProviderId": "string",
"siteEventProviderId": "string",
"customerEventProviderId": "string",
"serviceProvidersEventProviderId": "string",
"assetStatus": "string",
"uniqueId": "string",
"profile": {
"business": [
"string"
],
"photos": [
"string"
],
"tags": [
"string"
],
"followers": [
"string"
]
},
"geoCordinates": {
"latitude": "string",
"longitude": "string",
"plusCode": "string",
"what3Words": "string"
},
"commisioningStatus": "object",
"syncStatus": "boolean",
"jsonSchemaResult": "object",
"momentsTimeZoneCountryName": "String"
}
}

```

Responses

Status	Description	Body
200	Success	
204	No Content	
400	Invalid input	
401	Unauthorized	
403	Forbidden	

DELETE /device/{id}

Delete a device by id

Parameters

Name	In	Type	Required	Description
id	path	string	yes	

Responses

Status	Description	Body
200	Success	
204	No Content	
400	Invalid input	
401	Unauthorized	
403	Forbidden	