

Disclaimer

Legal disclaimer

This guide and its contents (the "Guide") are provided by NXGEN. All rights to the Guide and to the intellectual property embodied in it — including, without limitation, trademarks, trade names, logos and similar marks appearing in or on it — are protected by law. All right, title and interest in the Guide and in any related intellectual property rights belong to and remain with NXGEN and its licensors.

The Guide is provided free of charge, "as is" and for informational purposes only, without warranty of any kind. It is neither intended nor suitable to establish any legal relationship between the reader and NXGEN or its affiliates, including, without limitation, any obligation of NXGEN or its affiliates toward the reader.

The obligations of NXGEN and its affiliates in respect of NXGEN products or services purchased by a customer are governed exclusively by the terms of the agreement under which those products or services were purchased.

For clarification

The reader bears the entire risk as to the use, results and performance of the Guide. To the fullest extent permitted by applicable law, NXGEN disclaims and excludes all warranties, whether statutory, express or implied — including, without limitation, implied warranties of merchantability, fitness for a particular purpose, title and non-infringement of third-party rights — as well as any liability or warranty arising from suggestions, specifications or samples related to the Guide.

Report

Updated 4 September 2026

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

POST /reports

Add a report

Request body

```
{
  "name": "string",
  "reportTemplateId": "string",
  "description": "string",
  "template": "string",
  "healthTemplate": "Basic | Plus | Advanced",
  "cronSchedule": "string",
  "hierarchyId": "string",
  "isActive": "boolean",
  "userIds": [
    "string"
  ],
  "roleIds": [
    "string"
  ],
  "emailIds": [
    "string"
  ],
  "emailSubject": "string",
  "emailBody": "string",
  "lang": "string",
  "timezone": "string",
  "momentsTimeZoneCountryName": "string"
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{
  "result": "reportId"
}
```

POST /reports/execute

Trigger a report or get sample data to be used in the template

Request body

```
{
  "jobId": "string",
  "startTime": "number",
  "endTime": "number",
  "onlySampleData": "boolean",
  "cronSchedule": "string",
  "jobConfig": {
    "any": "string"
  }
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{
  "data": {
    "response": [
      {
        "site": "Muster HQ BLR",
        "count": 5,
        "events": [
          {
            "key": "camera.health.fail",
            "value": 2
          },
          {
            "key": "camera.health.normal",
            "value": 3
          }
        ],
        "siteId": "0896302cceb04a059fa6aff014e51ac6",
        "sensors": [
          {
            "name": "5N/A",
            "deviceType": "camera",
            "manufacturer": "HIKVISION",
            "s3ImagePath": "",

```

```
"event": "camera.health.fail",
"associatedDeviceName": "Network Video Recorder",
"eventTime": 1719964871485
},
{
  "name": "IPCamera 04",
  "deviceType": "camera",
  "manufacturer": "HIKVISION",
  "s3ImagePath":
  "https://nxg-reference-img-upload-test.s3-eu-central-1.amazonaws.com/0896302cceb04a059fa6aff014e51ac6/df0c6f6d4",
  "event": "camera.health.fail",
  "associatedDeviceName": "Network Video Recorder",
  "eventTime": 1719964872557
}
]
}
],
},
"serviceProvider": {
  "uniqueId": "e7f417cf4a434b5093a8173cdb50005f",
  "email": "admin@web02.io",
  "persona": {
    "address": {},
    "contact": {},
    "profile": {
      "business": [],
      "photos": [

        "-
        https://nxg-reference-img-upload-test.s3-eu-central-1.amazonaws.com/e4299bcb77bc4a6780f0473ff03f72fd/e7f417cf4a434b5093a8173cdb50005f.png"
      ],
      "tags": [],
      "followers": [],
      "s3ImagePath": "e4299bcb77bc4a6780f0473ff03f72fd/e7f417cf4a434b5093a8173cdb50005f.png"
    }
  },
  "name": "NXG Web 02",
  "description": ""
},
"report": {
  "name": "Health Check Failure Reports",
  "description": "This report provides information about the cameras which are not operational.",
  "type": "HealthReport",
  "isActive": true
}
}
```

POST /reports/filter

Get report list with filtering, sorting and pagination.

Request body

Report 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:

```
{
  "dataResult": [
    {
      "name": "Health Check Failure Reports",
      "type": "HealthReportCustomer",
      "isActive": true,
      "createdOn": 1719834171704
    },
    {
      "name": "Health Check Failure Reports",
      "type": "HealthReportCustomer",
      "isActive": true,
      "createdOn": 1719822647976
    },
  ],
}
```

```
{
  "name": "Health Check Failure Reports",
  "type": "HealthReport",
  "isActive": true,
  "createdOn": 1719668666364
}
],
"totalRecordsCount": 3
}
```

POST /reports/sendEmail

Send email

Request body

```
{
  "subject": "string",
  "emailBody": "string",
  "emailList": "string",
  "type": "string",
  "emailAttachment": {
    "fileName": "string",
    "file": "string"
  }
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found500-

Internal Server Error

Example 200 response:

```
{
  "message": "Accepted for email transfer"
}
```

GET /reports/{reportId}

Get a report

Parameters

NameInTypeRequiredDescriptionreportIdpathstringyes

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{
  "data": {
    "uniqueId": "2f76ca1411ef439e9d69ad3730ec3408",
    "name": "Test Update",
    "type": "HealthReportCustomer",
    "description": "This report provides information about the cameras which are not operational.",
    "serviceProviderId": "e7f417cf4a434b5093a8173cdb50005f",
    "template": "",
    "cronSchedule": "0 4 * * *",
    "hierarchyLevel": "serviceprovider",
    "hierarchyId": "e7f417cf4a434b5093a8173cdb50005f",
    "isActive": true,
    "dataSources": [
      {
        "parameters": [
          "customerId"
        ],
        "_id": "6683e770d05d712a670cee7d",
        "query": "[{\"$match\":{\"customerId\":\"{{customerId}}\"}}]",
        "collectionName": "Sensors",
        "output": "response",
        "metadata": {
          "fieldsRequiringSignedUrl": [
            {
              "field": "s3ImagePath",
              "bucketName": "nxg-reference-img-upload-test"
            }
          ]
        }
      }
    ],
    "roleIds": [],
    "userIds": [
      "70cb24d36f86424b802873af7e78c2d3"
    ],
    "emailIds": [
      "dev@nxgen.io"
    ],
    "emailSubject": "{{reportName}}",
    "emailBody": "Dear Customer,,<br><br>I hope this message finds you well.<br><br>I am pleased to inform you that the {{reportName}} is now available for download. Please find the details of the report <a href='{{fileUrl}}'>here</a><br><br>Please note that this link will remain active
```

```
for the next seven days only. Kindly ensure that you download and review the report within this
timeframe."
}
}
```

PUT /reports/{reportId}

Update a report

Parameters

NameInTypeRequiredDescriptionreportIdpathstringyes

Request body

```
{
  "name": "string",
  "reportTemplateId": "string",
  "description": "string",
  "template": "string",
  "healthTemplate": "Basic | Plus | Advanced",
  "cronSchedule": "string",
  "hierarchyId": "string",
  "isActive": "boolean",
  "userIds": [
    "string"
  ],
  "roleIds": [
    "string"
  ],
  "emailIds": [
    "string"
  ],
  "emailSubject": "string",
  "emailBody": "string",
  "lang": "string",
  "timezone": "string",
  "momentsTimeZoneCountryName": "string"
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{
  "result": "reportId"
}
```

```
}
```

DELETE /reports/{reportId}

Delete a report

Parameters

NameInTypeRequiredDescriptionreportIdpathstringyes

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{  
  "result": "reportId"  
}
```

GET /reports/{reportId}/preview

Preview for a report

Parameters

NameInTypeRequiredDescriptionreportIdpathstringyes

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{  
  "fileUrl": "https://nxgen.cloud/file"  
}
```