

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.

Folder

Updated 4 September 2026

Operations on folder resources. 6 endpoints, each relative to <https://api.nxgen.cloud/api/v1> and authenticated as described under [Authentication](#).

POST /folder

Add folder, Add folder with nodes and add nodes

Request body

Add a folder

```
{
  "name": "string",
  "sharedWithUser": [
    "any"
  ],
  "sharedWithRole": [
    "any"
  ],
  "childNodes": [
    {
      "id": "string",
      "type": "string"
    }
  ],
  "parentFolderId": "string"
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized

Example 200 response:

```
{
  "uniqueId": "a4cfa7155aff40248f490deff75c1770",
  "label": "folder 1.1.1",
  "key": "a4cfa7155aff40248f490deff75c1770",
  "data": {
```

```

"type": "folder"
},
"iconImg": "",
"config": "null",
"children": [
{
"uniqueId": "afcf4aaa7155aff40248f490def1770",
"label": "folder 1.1.1.1",
"key": "afcf4aaa7155aff40248f490def1770",
"parentFolderId": "a4cfa7155aff40248f490deff75c1770",
"data": {
"type": "folder"
},
"iconImg": "",
"isActive": true,
"config": "null",
"children": []
},
{
"uniqueId": "3369348d03d2481097f341d6e2aad9a8",
"key": "3369348d03d2481097f341d6e2aad9a8",
"label": "AZ Site",
"data": {
"type": "device"
},
"iconImg": "",
"isActive": true,
"config": "null"
},
{
"uniqueId": "eeb78a119e2a470bada695518753e7b6",
"key": "eeb78a119e2a470bada695518753e7b6",
"label": "Hoofdtribune Vak E-F1-F2",
"data": {
"type": "sensor"
},
"iconImg": "",
"isActive": true,
"config": "null"
},
{
"uniqueId": "feeeeeeqrg333452rfww442de",
"key": "feeeeeeqrg333452rfww442de",
"label": "Test view",
"data": {
"type": "salvoView"
},
"iconImg": "",
"config": {
"views": {
"type": "16",
"gridPosition": [
{
"positionNumber": 0,
"sensorId": "rfefe3454"
},
{
"positionNumber": 1,
"sensorId": "rfefe3454"
},
]
}
}
}
}

```

```
"positionNumber": 2,  
"sensorId": "rfefe3454"  
},  
{  
  "positionNumber": 3,  
  "sensorId": "rfefe3454"  
}  
]  
}  
}  
]  
}
```

POST /folder/addNodes

Add nodes to an existing folder

Request body

To add nodes to an existing folder

```
{  
  "folderId": "string",  
  "childNodes": [  
    {  
      "id": "string",  
      "type": "string"  
    }  
  ]  
}
```

Responses

StatusDescriptionBody200Success400Invalid input401Unauthorized403Forbidden404Not Found

Example 200 response:

```
{  
  "result": true  
}
```

POST /folder/bulkUpdateNodeIndex

Update Folder index

Responses

StatusDescriptionBody200Success204No Content401Unauthorized404Not Found

Example 200 response:

```
[
  {
    "label": "folder 1",
    "key": "a4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 2",
    "key": "ea4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 3",
    "key": "fa4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 4",
    "key": "ad4cfa7155aff40248f490deff75c1770"
  }
]
```

POST /folder/getAllFolders

Gets folders with filtering, sorting and pagination for tree view

Request body

Get Folders

```
{
  "folderId": "string",
  "skip": "string",
  "limit": "string",
  "searchString": "string"
}
```

Responses

StatusDescriptionBody200Successobject204No Content401Unauthorized404Not Found

Example 200 response:

```
[
  {
    "uniqueId": "a4cfa7155aff40248f490def75c1770",
    "label": "folder 1.1.1",
    "key": "a4cfa7155aff40248f490def75c1770",
    "data": {
      "type": "folder"
    },
    "iconImg": "",
    "config": "null",
    "children": [
      {
        "uniqueId": "afcf4aaa7155aff40248f490def1770",
        "label": "folder 1.1.1.1",
        "key": "afcf4aaa7155aff40248f490def1770",
        "parentFolderId": "a4cfa7155aff40248f490def75c1770",
        "data": {
          "type": "folder"
        },
        "iconImg": "",
        "isActive": true,
        "config": "null",
        "children": [
          {
            "uniqueId": "3369348d03d2481097f341d6e2aad9a8",
            "key": "3369348d03d2481097f341d6e2aad9a8",
            "label": "AZ Site",
            "data": {
              "type": "device"
            },
            "iconImg": "",
            "isActive": true,
            "config": "null"
          },
          {
            "uniqueId": "eeb78a119e2a470bada695518753e7b6",
            "key": "eeb78a119e2a470bada695518753e7b6",
            "label": "Hoofdtribune Vak E-F1-F2",
            "data": {
              "type": "sensor"
            },
            "iconImg": "",
            "isActive": true,
            "config": "null"
          }
        ]
      },
      {
        "uniqueId": "3369348d03d2481097f341d6e2aad9a8",
        "key": "3369348d03d2481097f341d6e2aad9a8",
        "label": "AZ Site",
```

```
"data": {
  "type": "device"
},
"iconImg": "",
"isActive": true,
"config": "null"
},
{
  "uniqueId": "eeb78a119e2a470bada695518753e7b6",
  "key": "eeb78a119e2a470bada695518753e7b6",
  "label": "Hoofdtribune Vak E-F1-F2",
  "data": {
    "type": "sensor"
  },
  "iconImg": "",
  "isActive": true,
  "config": "null"
},
{
  "uniqueId": "feeeeeeqrg333452rfww442de",
  "key": "feeeeeeqrg333452rfww442de",
  "label": "Test view",
  "data": {
    "type": "salvoView"
  },
  "iconImg": "",
  "config": {
    "views": {
      "type": "4",
      "gridPosition": [
        {
          "positionNumber": 0,
          "sensorId": "rfefe3454"
        },
        {
          "positionNumber": 1,
          "sensorId": "rfefe3454"
        },
        {
          "positionNumber": 2,
          "sensorId": "rfefe3454"
        },
        {
          "positionNumber": 3,
          "sensorId": "rfefe3454"
        }
      ]
    }
  }
}
```

GET /folder/getList

Gets folders list

Responses

StatusDescriptionBody200Success204No Content401Unauthorized404Not Found

Example 200 response:

```
[
  {
    "label": "folder 1",
    "key": "a4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 2",
    "key": "ea4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 3",
    "key": "fa4cfa7155aff40248f490deff75c1770"
  },
  {
    "label": "folder 4",
    "key": "ad4cfa7155aff40248f490deff75c1770"
  }
]
```

POST /folder/moveFolderAndNodes

Move Folder

Request body

Move Folders

```
{
  "id": "string",
  "name": "string",
  "type": "string",
  "fromParentFolderId": "string",
  "toParentFolderId": "string",
  "fromIndex": "number",
  "toIndex": "number"
}
```




Responses

StatusDescriptionBody200Success204No Content401Unauthorized404Not Found