



StorageGRID instances

NetApp Keystone

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StorageGRID instances

Use the methods listed in the following table to set up and manage StorageGRID instances to support object storage.

HTTP Method	Path	Description
GET	/v2.1/storagegridinstances	Retrieve StorageGRID instances.
POST	/v2.1/storagegridinstances	Create a new StorageGRID instance to host object storage.
GET	/v2.1/storagegridinstances /{id}	Retrieve a StorageGRID instance by ID.
PUT	/v2.1/storagegridinstances /{id}	Update a StorageGRID instance.

StorageGRID instance attributes

The following table lists the StorageGRID instance attributes.

Attribute	Type	Description
id	String	The unique identifier for the StorageGRID instance.
name	String	The StorageGRID instance name.
admin_rest_uri	String(\$uri)	The StorageGRID admin node endpoint.
s3_endpoints	String(\$uri)	The StorageGRID endpoints. For example: ["https://s3.examplegrid.com", "https://s3.location.company.com"]
grid_username	String	The StorageGRID user name.
grid_password	String	The StorageGRID password.
tenant_username	String	The StorageGRID tenant user name.
tenant_password	String	The StorageGRID tenant password.
subscription_number	String	The Zuora subscription number.

Retrieve StorageGRID instances

Use the method listed in the following table to retrieve the StorageGRID instances.

HTTP Method	Path	Description	Parameters
GET	/v2.1/storagegridinstances	Retrieve StorageGRID instances.	None

Required request body attributes: none

Request body example:

```
none
```

Response body example:

```
{
  "status": {
    "user_message": "Okay. Returned 1 record.",
    "verbose_message": "",
    "code": 200
  },
  "result": {
    "returned_records": 1,
    "records": [
      {
        "id": "5e3ba2840271823644cb8ab6",
        "name": "NSE StorageGRID Dev1",
        "user_id": "5bbee380a2df7a04d43acae",
        "admin_rest_uri": "https://sggmi-dev.dev.ausngs.netapp.au",
        "s3_endpoints": [
          "https://sgs3.dev.ausngs.netapp.au"
        ],
        "subscription_number": "A-S00004566"
      }
    ]
  }
}
```

Retrieve StorageGRID instances by ID

Use the method listed in the following table to retrieve StorageGRID instances by ID.

HTTP Method	Path	Description	Parameters
GET	/v2.1/storagegridinstances/{id}	Retrieve a StorageGRID instance by ID.	id (string): The unique identifier of the StorageGRID instance.

Required request body attributes: none

Request body example:

```
none
```

Response body example:

```
{
  "status": {
    "user_message": "Okay. Returned 1 record.",
    "verbose_message": "",
    "code": 200
  },
  "result": {
    "returned_records": 1,
    "records": [
      {
        "id": "5e3ba2840271823644cb8ab6",
        "name": "NSE StorageGRID Dev1",
        "user_id": "5bbee380a2df7a04d43acae",
        "admin_rest_uri": "https://sggmi-dev.dev.ausngs.netapp.au",
        "s3_endpoints": [
          "https://sgs3.dev.ausngs.netapp.au"
        ],
        "subscription_number": "A-S00004566"
      }
    ]
  }
}
```

Create a StorageGRID instance by ID

Use the method listed the following table to create a StorageGRID instance by ID.

HTTP Method	Path	Description	Parameters
POST`	/v2.1/storagegridinstances/{id}	Retrieve a StorageGRID instance by ID.	id (string): The unique identifier of the StorageGRID instance.

Required request body attributes: none

Request body example:

```

{
  "name": "Grid1",
  "admin_rest_uri": "https://examplegrid.com",
  "s3_endpoints": [
    "https://s3.examplegrid.com",
    "https://s3.location.company.com"
  ],
  "grid_username": "root",
  "grid_password": "string",
  "tenant_username": "root",
  "tenant_password": "string",
  "subscription_number": "A-S00003969"
}

```

Response body example:

```

{
  "status": {
    "user_message": "string",
    "verbose_message": "string",
    "code": "string"
  },
  "result": {
    "returned_records": 1,
    "records": [
      {
        "id": "5d2fb0fb4f47df00015274e3",
        "name": "Grid1",
        "admin_rest_uri": "https://examplegrid.com",
        "user_id": "5d2fb0fb4f47df00015274e3",
        "s3_endpoints": [
          "https://s3.examplegrid.com",
          "https://s3.location.company.com"
        ],
        "subscription_number": "A-S00003969"
      }
    ]
  }
}

```

Modify a StorageGRID instance by ID

Use the method listed in the following table to modify a StorageGRID instance by ID.

HTTP Method	Path	Description	Parameters
PUT	/v2.1/storagegridinstances/{id}	Modify a StorageGRID instance by ID.	id (string): The unique identifier of the StorageGRID instance.

Required Request Body attributes: none

Request body example:

```
{
  "name": "Grid1",
  "admin_rest_uri": "https://examplegrid.com",
  "s3_endpoints": [
    "https://s3.examplegrid.com",
    "https://s3.location.company.com"
  ],
  "grid_username": "root",
  "grid_password": "string",
  "tenant_username": "root",
  "tenant_password": "string",
  "subscription_number": "A-S00003969"
```

Response body example:

```
{
  "status": {
    "user_message": "string",
    "verbose_message": "string",
    "code": "string"
  },
  "result": {
    "returned_records": 1,
    "records": [
      {
        "id": "5d2fb0fb4f47df00015274e3",
        "name": "Grid1",
        "admin_rest_uri": "https://examplegrid.com",
        "user_id": "5d2fb0fb4f47df00015274e3",
        "s3_endpoints": [
          "https://s3.examplegrid.com",
          "https://s3.location.company.com"
        ],
        "subscription_number": "A-S00003969"
      }
    ]
  }
}
```


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