Manage NDMP configuration of SVM

REST API reference

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Manage NDMP configuration of SVM

Protocols NDMP svms endpoint overview

You can use this API to manage NDMP configurations of SVMs.

Examples

Updates the "enabled" field:

```
 PATCH "/api/protocols/ndmp/svms/9b372ce7-3a4b-11e9-a7f8-0050568e3d73"
'{"enabled":"false"}'
```

Updates the "authentication_types" field:

```
 PATCH "/api/protocols/ndmp/svms/9b372ce7-3a4b-11e9-a7f8-0050568e3d73"
'{"authentication_types":["challenge"]}'
```

Retrieve the NDMP configurations for all SVMs

GET `/protocols/ndmp/svms`

Introduced In: 9.7

Retrieves NDMP configurations for all SVMs.

Related ONTAP commands

- `vserver services ndmp show`

Learn more

- DOC /protocols/ndmp/svms

Parameters

Name	Type	In	Required	Description
svm.uuid	string	query	False	Filter by svm.uuid
svm.name	string	query	False	Filter by svm.name
authentication_types	string	query	False	Filter by authentication_types

Name	Type	In	Required	Description
enabled	boolean	query	False	Filter by enabled
fields	array[string]	query	False	Specify the fields to return.
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached. • Default value: 1 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	

Name	Type	Description
num_records	integer	Number of Records
records	array[ndmp_svm]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "authentication_types": [
        "plaintext",
        "challenge"
      ],
      "enabled": 1,
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```

Error

```
Status: Default, Error
```

Name	Type	Description
error	error	

Example error


```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```


Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

Name	Type	Description
next	href	
self	href	

_links

Name	Type	Description
self	href	

svm

Name	Type	Description
_links	_links	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

ndmp_svm

Name	Type	Description
_links	_links	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	svm	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Retrieve the NDMP configuration for an SVM

GET `/protocols/ndmp/svms/{svm.uuid}`

Introduced In: 9.7

Retrieves an NDMP configuration for a specific SVM.

Related ONTAP commands

- `vserver services ndmp show`

Learn more

- DOC /protocols/ndmp/svms

Parameters

Name	Type	In	Required	Description
svm.uuid	string	path	True	SVM UUID
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	

Name	Type	Description
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	svm	

Example response


```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "authentication_types": [
    "plaintext",
    "challenge"
  ],
  "enabled": 1,
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


Error

```
Status: Default, Error
```

Name	Type	Description
error	error	

Example error


```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```


Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

svm

Name	Type	Description
_links	_links	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Update the NDMP configuration for an SVM

PATCH `/protocols/ndmp/svms/{svm.uuid}`

Introduced In: 9.7

Updates the NDMP configuration for a specific SVM.

Related ONTAP commands

- `vserver services ndmp modify`

Learn more

- DOC /protocols/ndmp/svms

Parameters

Name	Type	In	Required	Description
svm.uuid	string	path	True	SVM UUID

Request Body

Name	Type	Description
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	svm	

Example request

```
{
  "authentication_types": [
    "plaintext",
    "challenge"
  ],
  "enabled": 1,
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Response

```
Status: 200, Ok
```

Name	Type	Description
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	svm	

Example response


```
{
  "authentication_types": [
    "plaintext",
    "challenge"
  ],
  "enabled": 1,
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


Error

```
Status: Default, Error
```

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

svm

Name	Type	Description
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

ndmp_svm

Name	Type	Description
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	svm	

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