



# Manage NDMP configuration of SVM

ONTAP 9.15.1 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 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
authentication_types	string	query	False	Filter by authentication_types
enabled	boolean	query	False	Filter by enabled
svm.uuid	string	query	False	Filter by svm.uuid

Name	Type	In	Required	Description
svm.name	string	query	False	Filter by svm.name
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. <ul style="list-style-type: none"> <li>• Default value: 1</li> </ul>
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. <ul style="list-style-type: none"> <li>• Default value: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</li> </ul>
order_by	array[string]	query	False	Order results by specified fields and optional [asc

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	

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

### ONTAP Error Response codes

Error code	Description
2	The UUID provided is an invalid value for field "svm.uuid".
262197	The value provided is invalid for field "fields".
65601536	The operation is not supported because NDMP SVM-aware mode is disabled.

Name	Type	Description
error	<a href="#">returned_error</a>	

### 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	<a href="#">href</a>	
self	<a href="#">href</a>	

\_links

Name	Type	Description
self	<a href="#">href</a>	

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

ndmp\_svm

Name	Type	Description
_links	<a href="#">_links</a>	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

## Retrieve 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
<a href="#">_links</a>	<a href="#">_links</a>	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

## 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

## ONTAP Error Response codes

Error code	Description
2	The UUID provided is an invalid value for field "svm.uuid".
262197	The value provided is invalid for field "fields".
65601536	The operation is not supported because NDMP SVM-aware mode is disabled.

Name	Type	Description
error	<a href="#">returned_error</a>	

### 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	<a href="#">href</a>	

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned\_error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

# Update 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
_links	<a href="#">_links</a>	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

## Example request

```
{
  "_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"
  }
}
```

## Response

Status: 200, Ok

Name	Type	Description
_links	<a href="#">_links</a>	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

## 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

### ONTAP Error Response codes

Error code	Description
65601536	The operation is not supported because NDMP SVM-aware mode is disabled.
65601551	Authentication type "plaintext_sso" cannot be combined with other authentication types.

## Definitions

## See Definitions

href

Name	Type	Description
href	string	

\_links

Name	Type	Description
self	<a href="#">href</a>	

svm

SVM, applies only to SVM-scoped objects.

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

ndmp\_svm

Name	Type	Description
_links	<a href="#">_links</a>	
authentication_types	array[string]	NDMP authentication types.
enabled	boolean	Is the NDMP service enabled on the SVM?
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

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