



# Manage data SVM account information

ONTAP 9.12.1 REST API reference

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# Manage data SVM account information

## Security authentication cluster ad-proxy endpoint overview

### Overview

This API configures data SVM account information at the Active Directory. For Active Directory domain-based authentication for cluster accounts, a data SVM must be configured and registered as a machine account at the Active Directory. All authentication requests are proxied through this SVM.

### Examples

#### Creating a data SVM proxy for domain-based authentication for cluster accounts

```
# The API:  
POST "/api/security/authentication/cluster/ad-proxy"  
  
# The call:  
curl -X POST "https://<mgmt-ip>/api/security/authentication/cluster/ad-proxy" -d '{"svm.uuid":"13f87d78-70c7-11e9-b722-0050568ec89f"}'
```

#### Updating a data SVM proxy for domain-based authentication for cluster accounts

```
# The API:  
PATCH "/api/security/authentication/cluster/ad-proxy"  
  
# The call:  
curl -X PATCH "https://<mgmt-ip>/api/security/authentication/cluster/ad-proxy" -d '{"svm.uuid":"13f87d78-70c7-11e9-b722-0050568ec89f"}'
```

#### Retrieving a data SVM proxy for domain-based authentication for cluster accounts

```
# The API:
GET "/api/security/authentication/cluster/ad-proxy"

# The call:
curl -X GET "https://<mgmt-ip>/api/security/authentication/cluster/ad-proxy"

# The response:
{
  "svm": {
    "uuid": "512eab7a-6bf9-11e9-a896-005056bb9ce1",
    "name": "vs2",
    "_links": {
      "self": {
        "href": "/api/svm/svms/512eab7a-6bf9-11e9-a896-005056bb9ce1"
      }
    }
  },
  "_links": {
    "self": {
      "href": "/api/security/authentication/cluster/ad-proxy"
    }
  }
}
```

## Delete a data SVM configured as a tunnel

DELETE /security/authentication/cluster/ad-proxy

**Introduced In:** 9.7

Deletes the data SVM configured as a tunnel for Active Directory based authentication for cluster user accounts.

### Related ONTAP commands

- `security login domain-tunnel delete`

### Learn more

- [DOC /security/authentication/cluster/ad-proxy](#)
- [DOC /security/accounts](#)

### Response

Status: 200, Ok

## Error

Status: Default, Error

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

## Example error

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

## Definitions

## See Definitions

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

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 SVM information configured as an Active Directory domain-tunnel

GET /security/authentication/cluster/ad-proxy

Introduced In: 9.7

Retrieves SVM information configured as an Active Directory domain-tunnel.

### Related ONTAP commands

- `security login domain-tunnel show`

### Learn more

- [DOC /security/authentication/cluster/ad-proxy](#)
- [DOC /security/accounts](#)

### Response

Status: 200, Ok

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

### Example response

```

{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}

```

### Error

Status: Default, Error

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

Name	Type	Description
_links	<a href="#">_links</a>	
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[ <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 a data SVM configured as a tunnel

PATCH /security/authentication/cluster/ad-proxy

## Introduced In: 9.7

Updates the data SVM configured as a tunnel for Active Directory based authentication for cluster user accounts.

## Related ONTAP commands

- `security login domain-tunnel modify`

## Learn more

- [DOC /security/authentication/cluster/ad-proxy](#)
- [DOC /security/accounts](#)

## Request Body

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

## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## Response

Status: 200, Ok

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

svm

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

cluster\_ad\_proxy

The SVM configured as proxy for Active Directory authentication of cluster accounts.

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

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message

Name	Type	Description
target	string	The target parameter that caused the error.

# Configure a data SVM as a proxy

POST /security/authentication/cluster/ad-proxy

**Introduced In:** 9.7

Configures a data SVM as a proxy for Active Directory based authentication for cluster user accounts.

## Required properties

- `svm.name` or `svm.uuid` - Name and UUID of the SVM for a cluster user account.

## Related ONTAP commands

- `security login domain-tunnel create`

## Learn more

- [DOC /security/authentication/cluster/ad-proxy](#)
- [DOC /security/accounts](#)

## Request Body

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

## Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## Response

Status: 201, Created

### Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

## Error

Status: Default, Error

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

Name	Type	Description
_links	<a href="#">_links</a>	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

cluster\_ad\_proxy

The SVM configured as proxy for Active Directory authentication of cluster accounts.

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

error\_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

error

Name	Type	Description
arguments	array[ <a href="#">error_arguments</a> ]	Message arguments
code	string	Error code
message	string	Error message



<b>Name</b>	<b>Type</b>	<b>Description</b>
target	string	The target parameter that caused the error.

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