



# **Manage data SVM account information**

ONTAP 9.14.1 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="#">returned_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 |

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 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                              |
|---------------------|---------------------|--|
| <code>_links</code> | <code>_links</code> |  |
| <code>svm</code>    | <code>svm</code>    | SVM, applies only to SVM-scoped objects. |

### 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 |
|--------------------|-----------------------------|-------------|
| <code>error</code> | <code>returned_error</code> |             |

### 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 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                              |
|--------|------------------------|--|
| _links | <a href="#">_links</a> |  |
| svm    | <a href="#">svm</a>    | SVM, applies only to SVM-scoped objects. |

## 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

### ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 2621706    | The specified <code>svm.uuid</code> and <code>svm.name</code> refer to different SVMs. |

Also see the table of common errors in the [Response body](#) overview section of this documentation.

| 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. |

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>    | 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. |

## 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                              |
|---------------------|------------------------|--|
| <code>_links</code> | <a href="#">_links</a> |  |
| <code>svm</code>    | <a href="#">svm</a>    | SVM, applies only to SVM-scoped objects. |

## 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

### ONTAP Error Response Codes

| Error Code | Description  |
|------------|--|
| 2621706    | The specified <code>svm.uuid</code> and <code>svm.name</code> refer to different SVMs. |

Also see the table of common errors in the [Response body](#) overview section of this documentation.

| 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. |

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>    | 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. |

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