



Manage data SVM account information

ONTAP 9.7 REST API reference

NetApp
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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

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

Learn more

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

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

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 SVM information configured as an Active Directory domain-tunnel

GET /security/authentication/cluster/ad-proxy

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

Learn more

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

Response

Status: 200, Ok

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| svm | svm | |

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 | 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 a data SVM configured as a tunnel

PATCH /security/authentication/cluster/ad-proxy

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

Learn more

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

Parameters

| Name | Type | In | Required | Description |
|----------------|---------|-------|----------|---|
| return_records | boolean | query | False | The default is false. If set to true, the records are returned. |

Request Body

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| svm | svm | |

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 | href | |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| 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 | _links | |
| 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 |

| 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

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

Learn more

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

Parameters

| Name | Type | In | Required | Description |
|----------------|---------|-------|----------|---|
| return_records | boolean | query | False | The default is false. If set to true, the records are returned. |

Request Body

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| svm | svm | |

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

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. |

cluster_ad_proxy

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

| Name | Type | Description |
|--------|------------------------|-------------|
| _links | _links | |
| 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 |

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

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