Manage data SVM account information

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	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`

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	_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`

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

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:

Request Body

Name	Type	Description
svm	svm	

Example request

```
{
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Response

```
Status: 200, Ok
```

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.

cluster_ad_proxy

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

Name	Type	Description
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.

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

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:

Request Body

Name	Type	Description
svm	svm	

Example request

```
{
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Response

```
Status: 201, Created
```

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.

cluster_ad_proxy

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

Name	Type	Description
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.

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