NetApp

Manage Duo profiles for an SVM or cluster

REST API reference

NetApp
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Overview

This API configures the Duo profile for an SVM. Specify the owner UUID. The owner UUID corresponds to the UUID of the SVM containing the Duo profile and can be obtained from the response body of the GET request performed on the API "`/api/svm/svms`".

Examples

Retrieving the specific configured Duo profile of the cluster or SVM

```
# The API:
GET "/api/security/authentication/duo/profiles/{owner.uuid}"

# The call:
curl -k https://<mgmt-
ip>/api/security/authentication/duo/profiles/f810005a-d908-11ed-a6e6-
0050568e8ef2

# the response:
{
"owner": {
"uuid": "f810005a-d908-11ed-a6e6-0050568e8ef2",
"name": "cluster-1"
},
"integration_key": "<INTEGRATION-KEY>",
"fingerprint": "<FINGERPRINT>",
"api_host": "api-******.duosecurity.com",
"status": "Ok",
"is_enabled": true,
"auto_push": true,
"push_info": true,
"fail_mode": "safe",
"max_prompts": 1,
"comment": "Duo profile for Cserver",
}
```

Modifying the Duo profile

```
# The API:
PATCH "/api/security/authentication/duo/profiles/{owner.uuid}"

# The call:
curl -k "https://<mgmt-
ip>/api/security/authentication/duo/profiles/f810005a-d908-11ed-a6e6-
0050568e8ef2" --request PATCH --data "{  \"comment\": \"Testing\",
\"auto_push\": false}"

# the response:
{}
```

Deleting the Duo profile

```
# The API:
DELETE "/api/security/authentication/duo/profiles/{owner.uuid}"

# The call:
curl -k https://<mgmt-
ip>/api/security/authentication/duo/profiles/f810005a-d908-11ed-a6e6-
0050568e8ef2 --request DELETE

# the response:
{}
```

Delete a Duo profile for an SVM or cluster

DELETE /security/authentication/duo/profiles/{owner.uuid}

Introduced In: 9.14

Deletes the Duo profile of the SVM or cluster.

Related ONTAP commands

- `security login duo delete`

Learn more

- DOC /security/authentication/duo/profiles/{owner.uuid}
- DOC /security/accounts

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Account owner UUID.

Response

```
Status: 200, Ok
```

Error

```
Status: Default, Error
```

Name	Type	Description
error	returned_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

returned_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 a Duo profile configured for an SVM or cluster

GET `/security/authentication/duo/profiles/{owner.uuid}`

Introduced In: 9.14

Retrieves the Duo profile configured for the cluster or an SVM.

Related ONTAP commands

* `security login duo show`

Learn more

* DOC /security/authentication/duo/profiles/{owner.uuid}
* DOC /security/accounts

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Account owner UUID.

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
api_host	string	The URL at which the Duo API is hosted.
auto_push	boolean	Automatically sends a push notification for authentication when using Duo.
comment	string	Comment for the Duo profile.
fail_mode	string	Determines the behavior of the system when it cannot communicate with the Duo service.
fingerprint	string	The SHA fingerprint corresponding to the Duo secret key.
http_proxy	string	Specifies the HTTP proxy server to be used when connecting to the Duo service.
integration_key	string	The Integration Key associated with the Duo profile.
is_enabled	boolean	Indicates whether the Duo authentication feature is active or inactive.
max_prompts	integer	The maximum number of authentication attempts allowed for a user before the process is terminated.
owner	owner	SVM name and UUID for which the Duo profile is configured.

Name	Type	Description
push_info	boolean	Additional information sent along with the push notification for Duo authentication.
status	string	Information on the reachability status of Duo.

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "api_host": "api-****.duo.com",
  "auto_push": 1,
  "comment": "string",
  "fail_mode": "safe",
  "fingerprint": "string",
  "http_proxy": "IPaddress:port",
  "integration_key": "string",
  "is_enabled": 1,
  "max_prompts": 1,
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "push_info": 1,
  "status": "OK"
}
```

Error

```
Status: Default, Error
```

Name	Type	Description
error	returned_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	

owner

SVM name and UUID for which the Duo profile is configured.

Name	Type	Description
_links	_links	
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[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

Update a Duo profile configured for an SVM or cluster

PATCH /security/authentication/duo/profiles/{owner.uuid}

Introduced In: 9.14

Updates a configured Duo profile for a cluster or an SVM.

Related ONTAP commands

- `security login duo modify`

Learn more

- DOC /security/authentication/duo/profiles/{owner.uuid}
- DOC /security/accounts

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Account owner UUID

Request Body

Name	Type	Description
api_host	string	The URL at which the Duo API is hosted.
auto_push	boolean	Automatically sends a push notification for authentication when using Duo.
comment	string	Comment for the Duo profile.
fail_mode	string	Determines the behavior of the system when it cannot communicate with the Duo service.
fingerprint	string	The SHA fingerprint corresponding to the Duo secret key.
http_proxy	string	Specifies the HTTP proxy server to be used when connecting to the Duo service.

Name	Type	Description
integration_key	string	The Integration Key associated with the Duo profile.
is_enabled	boolean	Indicates whether the Duo authentication feature is active or inactive.
max_prompts	integer	The maximum number of authentication attempts allowed for a user before the process is terminated.
owner	owner	SVM name and UUID for which the Duo profile is configured.
push_info	boolean	Additional information sent along with the push notification for Duo authentication.
secret_key	string	The Secret Key associated with the Duo profile.
status	string	Information on the reachability status of Duo.

Example request

```json
{
  "api_host": "api-****.duo.com",
  "auto_push": 1,
  "comment": "string",
  "fail_mode": "safe",
  "fingerprint": "string",
  "http_proxy": "IPaddress:port",
  "integration_key": "string",
  "is_enabled": 1,
  "max_prompts": 1,
  "owner": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "push_info": 1,
  "secret_key": "string",
  "status": "OK"
}
```

Response

```
Status: 200, Ok
```

Error

```
Status: Default, Error
```

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

owner

SVM name and UUID for which the Duo profile is configured.

Name	Type	Description
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.

duo

Duo profile for the SVM or cluster-management server (Cserver).

Name	Type	Description
api_host	string	The URL at which the Duo API is hosted.
auto_push	boolean	Automatically sends a push notification for authentication when using Duo.
comment	string	Comment for the Duo profile.
fail_mode	string	Determines the behavior of the system when it cannot communicate with the Duo service.
fingerprint	string	The SHA fingerprint corresponding to the Duo secret key.

Name	Type	Description
http_proxy	string	Specifies the HTTP proxy server to be used when connecting to the Duo service.
integration_key	string	The Integration Key associated with the Duo profile.
is_enabled	boolean	Indicates whether the Duo authentication feature is active or inactive.
max_prompts	integer	The maximum number of authentication attempts allowed for a user before the process is terminated.
owner	owner	SVM name and UUID for which the Duo profile is configured.
push_info	boolean	Additional information sent along with the push notification for Duo authentication.
secret_key	string	The Secret Key associated with the Duo profile.
status	string	Information on the reachability status of Duo.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_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.