



# **Update the user account password**

## REST API reference

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# Update the user account password

## Security authentication password endpoint overview

### Overview

This API changes the password for a local user account.

Only cluster administrators with the *"admin"* role can change the password for other cluster or SVM user accounts. If you are not a cluster administrator, you can only change your own password.

### Examples

#### Changing the password of another cluster or SVM user account by a cluster administrator

Specify the user account name and the new password in the body of the POST request. The owner.uuid or owner.name are not required to be specified for a cluster-scoped user account.

For an SVM-scoped account, along with new password and user account name, specify either the SVM name as the owner.name or SVM uuid as the owner.uuid in the body of the POST request. These indicate the SVM for which the user account is created and can be obtained from the response body of a GET request performed on the `/api/svm/svms` API.

```
# The API:
POST "/api/security/authentication/password"

# The call to change the password of another cluster user:
curl -X POST "https://<mgmt-ip>/api/security/authentication/password" -d
'{"name":"cluster_user1","password":"hello@1234"}'
```

```
# The call to change the password of another SVM user:
curl -X POST "https://<mgmt-ip>/api/security/authentication/password" -d
'{"owner.name":"svm1","name":"svm_user1","password":"hello@1234"}'
```

```
# The call to change the password hash algorithm of the cluster user:
curl -X POST "https://<mgmt-ip>/api/security/authentication/password" -d
'{"name":"cluster_user1","password":"hello@1234","password_hash_algorithm":
:"sha256"}'
```

```
# The call to change the password hash algorithm of another SVM user:
curl -X POST "https://<mgmt-ip>/api/security/authentication/password" -d
'{"owner.name":"svm1","name":"svm_user1","password":"hello@1234","password
_hash_algorithm":"sha256"}'
```

## Changing the password of an SVM-scoped user



The IP address in the URI must be same as one of the interfaces owned by the SVM.

```
# The API:
POST "/api/security/authentication/password"

# The call:
curl -X POST "https://<SVM-ip>/api/security/authentication/password" -d
'{"name":"svm_user1","password":"new1@1234"}'
```

## Update the user account password

POST /security/authentication/password

**Introduced In:** 9.6

Updates the password for a user account.

### Required parameters

- `name` - User account name.
- `password` - New password for the user account.

### Optional parameters

- `owner.name` or `owner.uuid` - Name or UUID of the SVM for an SVM-scoped user account.
- `password_hash_algorithm` - Optional property that specifies the password hash algorithm used to generate a hash of the user's password for password matching. Default value is "sha512".

### Related ONTAP commands

- `security login password`

### Learn more

- [DOC /security/authentication/password](#)
- [DOC /security/accounts](#)

### Parameters

| Name           | Type    | In    | Required | Description   |
|----------------|---------|-------|----------|---|
| return_records | boolean | query | False    | <p>The default is false. If set to true, the records are returned.</p> <ul style="list-style-type: none"> <li>• Default value:</li> </ul> |

## Request Body

| Name                    | Type   | Description  |
|-------------------------|--------|--|
| name                    | string | The user account name whose password is being modified.  |
| owner                   | owner  | Owner name and UUID that uniquely identifies the user account. This field is optional and valid only when a cluster administrator is executing the API to uniquely identify the account whose password is being modified. The "owner" field is not required to be specified for SVM user accounts trying to modify their password. |
| password                | string | The password string  |
| password_hash_algorithm | string | Optional property that specifies the password hash algorithm used to generate a hash of the user's password for password matching.   |

## Example request

```
{
  "name": "string",
  "owner": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "password": "string",
  "password_hash_algorithm": "sha512"
}
```

## 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   |
|------------|---|
| 7077918    | The password cannot contain the username.   |
| 7077919    | The minimum length for new password does not meet the policy.                       |
| 7077920    | The new password must have both letters and numbers.                                |
| 7077921    | The minimum number of special characters required do not meet the policy.           |
| 7077924    | The new password must be different than last N passwords.                           |
| 7077925    | The new password must be different to the old password.                             |
| 7077940    | The password exceeds maximum supported length.                                      |
| 7077941    | Defined password composition exceeds the maximum password length of 128 characters. |

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

## Definitions

## See Definitions

href

| Name | Type   | Description |
|------|--------|-------------|
| href | string |             |

\_links

owner

Owner name and UUID that uniquely identifies the user account. This field is optional and valid only when a cluster administrator is executing the API to uniquely identify the account whose password is being modified. The "owner" field is not required to be specified for SVM user accounts trying to modify their password.

| 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. |

account\_password

The password object

| Name     | Type                  | Description  |
|----------|-----------------------|--|
| name     | string                | The user account name whose password is being modified.  |
| owner    | <a href="#">owner</a> | Owner name and UUID that uniquely identifies the user account. This field is optional and valid only when a cluster administrator is executing the API to uniquely identify the account whose password is being modified. The "owner" field is not required to be specified for SVM user accounts trying to modify their password. |
| password | string                | The password string  |

| Name                    | Type   | Description  |
|-------------------------|--------|--|
| password_hash_algorithm | string | Optional property that specifies the password hash algorithm used to generate a hash of the user's password for password matching. |

#### 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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