Manage WebAuthn credentials

REST API reference

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Manage WebAuthn credentials

Manage WebAuthn credentials

Overview

This API is used to retrieve all WebAuthn credentials entries.

Examples

Retrieving all Webauthn credentials entries

The following output shows all WebAuthn credentials entries.

```
## The API:
/api/security/webauthn/credentials

## The call:
curl -X GET "https://<mgmt-ip>/api/security/webauthn/credentials"

# The response:
{
"records": [
  {
    "owner": {
      "uuid": "389758ee-40cd-11ef-bb21-005056aeae31",
      "_links": {
        "self": {
          "href": "/api/svm/svms/389758ee-40cd-11ef-bb21-005056aeae31"
        }
      }
    },
    "username": "user_1",
    "index": 0,
    "relying_party": {
      "id": "ontap1.example.com",
      "name": "ontap1.example.com"
    },
    "_links": {
      "self": {
        "href": "/api/security/webauthn/credentials/389758ee-40cd-11ef-
bb21-005056aeae31/user_1/0/ontap1.example.com"
      }
    }
  }
],
"num_records": 1,
"_links": {
  "self": {
    "href": "/api/security/webauthn/credentials/"
  }
}
}
```

Retrieve all WebAuthn credentials entries

GET `/security/webauthn/credentials`

Introduced In: 9.16

Retrieves all WebAuthn credentials entries.

Related ONTAP commands

- `security webauthn credentials show`

Parameters

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached. • Default value: 15 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	collection_links	
num_records	integer	Number of records.
records	array[webauthn_credentials]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "creation_time": "2024-08-05 22:38:55 -0400",
      "credential": {
        "id_sha":
"xxxxxxxxxxxxxxxxxxxxxxxxebfb30f20bf6db74xxxxxxxxxxxxxxxxxxxxxxxxxx",
        "type": "string"
      },
      "display_name": "admin",
      "index": 0,
      "last_used_time": "2024-08-05 22:48:55 -0400",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "public_key": {
        "algorithm": "ES-256",
        "value":
"xxxxxxxxxxxxxxxxxxxxxxe5sZohRRv2B10JjjALXmGRmEfFIxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxx
```

```
      "scope": "string",
      "username": "admin"
    }
  ]
}
```

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	

collection_links

Name	Type	Description
next	href	
self	href	

self_link

Name	Type	Description
self	href	

credential

Name	Type	Description
id_sha	string	SHA-256 Hashed representation of Credential ID.
type	string	Credential type.

_links

Name	Type	Description
self	href	

svm_reference

SVM, applies only to SVM-scoped objects.

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.

public_key

Name	Type	Description
algorithm	string	Public key algorithm.
value	string	Public key value.

relying_party

Name	Type	Description
id	string	Relying Party ID.
name	string	Relying Party Name.

webauthn_credentials

Name	Type	Description
_links	self_link	
creation_time	string	Date and time indicating when this entry was created.
credential	credential	
display_name	string	Display name.
index	integer	Index.
last_used_time	string	Date and time indicating when this entry was last used.
owner	svm_reference	SVM, applies only to SVM-scoped objects.
public_key	public_key	
relying_party	relying_party	
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
username	string	Username.

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.

Delete a WebAuthn credentials entry

DELETE
`/security/webauthn/credentials/{owner.uuid}/{username}/{index}/{relying_party.id}`

Introduced In: 9.16

Deletes a WebAuthn credentials entry.

Required properties

- `owner.uuid`
- `username`
- `index`
- `relying_party.id`

Related ONTAP commands

- `security webauthn credentials delete`

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Used to identify a cluster or an SVM.

Name	Type	In	Required	Description
username	string	path	True	Username.
index	integer	path	True	Index.
relying_party.id	string	path	True	Relying Party ID.
fields	array[string]	query	False	Specify the fields to return.

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 WebAuthn credentials entry

GET `/security/webauthn/credentials/{owner.uuid}/{username}/{index}/{relying_party.id}`

Introduced In: 9.16

Retrieves a WebAuthn credentials entry.

Related ONTAP commands

- `security webauthn credentials show`

Parameters

Name	Type	In	Required	Description
owner.uuid	string	path	True	Used to identify a cluster or an SVM.
username	string	path	True	Username.
index	integer	path	True	Index.

Name	Type	In	Required	Description
relying_party.id	string	path	True	Relying Party ID.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	self_link	
creation_time	string	Date and time indicating when this entry was created.
credential	credential	
display_name	string	Display name.
index	integer	Index.
last_used_time	string	Date and time indicating when this entry was last used.
owner	svm_reference	SVM, applies only to SVM-scoped objects.
public_key	public_key	
relying_party	relying_party	
scope	string	Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects.
username	string	Username.

Example response


```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "creation_time": "2024-08-05 22:38:55 -0400",
  "credential": {
    "id_sha":
"xxxxxxxxxxxxxxxxxxxxxxxebfb30f20bf6db74xxxxxxxxxxxxxxxxxxxxxxxxxx",
    "type": "string"
  },
  "display_name": "admin",
  "index": 0,
  "last_used_time": "2024-08-05 22:48:55 -0400",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "public_key": {
    "algorithm": "ES-256",
    "value":
"xxxxxxxxxxxxxxxxxxxxxxe5sZohRRv2B10JjjALXmGRmEfFIxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxxxx
```

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	

self_link

Name	Type	Description
self	href	

credential

Name	Type	Description
id_sha	string	SHA-256 Hashed representation of Credential ID.
type	string	Credential type.

_links

Name	Type	Description
self	href	

svm_reference

SVM, applies only to SVM-scoped objects.

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.

public_key

Name	Type	Description
algorithm	string	Public key algorithm.

Name	Type	Description
value	string	Public key value.

relying_party

Name	Type	Description
id	string	Relying Party ID.
name	string	Relying Party Name.

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.

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