

Credentials API

The credentials API provides functionality that allows a administrator to add, delete or update credentials

Get all credentials

Lists all the credentials configured in the Aspire, this endpoint need the at least the **OPERATOR** role to be executed.

```
GET /aspire/_api/credentials
```

[Pagination query string parameters](#)

[Sorting query string parameters](#)

Get all credentials, filtered

Lists credentials configured in the Aspire, filtered by a specified criteria, this endpoint need the at least the **OPERATOR** role to be executed.

```
POST /aspire/_api/credentials/getAll
```

[Pagination query string parameters](#)

[Sorting query string parameters](#)

Filters: The credential filter definition [here](#)

Response

```
{
  "count": {
    "totalItems": 1
  },
  "credential": [
    {
      "id": "40b305ea-77e1-4874-aa28-964b1cf4a1a8",
      "type": "filesystem",
      "description": "xxxx",
      "throttlePolicy": "10653921-1b27-40b5-9d7a-f54ef1e3ad01",
      "properties": {
        "domain": "xxxx",
        "user": "xxxx",
        "password": "xxxx"
      }
    }
  ]
}
```

Status: 200

Get a single credential

Get information about a single credential configured in Aspire, this endpoint need the at least the **OPERATOR** role to be executed.

```
GET /aspire/_api/credentials/:id
```

Path Parameters

Name	Type	Required	Description
id	string	Required	The id of the credential to return

Response

```
{
  "credential": {
    "id": "40b305ea-77e1-4874-aa28-964b1cf4a1a8",
    "type": "filesystem",
    "description": "xxxx",
    "throttlePolicy": "10653921-1b27-40b5-9d7a-f54ef1e3ad01",
    "properties": {
      "domain": "xxxx",
      "user": "xxxx",
      "password": "xxxx"
    }
  }
}
```

Status: 200, 404

Add credential(s)

Adds credentials to Aspire, this endpoint need the **ADMINISTRATOR** role to be executed.

```
POST /aspire/_api/credentials
```

Body Parameters

Name	Type	Required	Description
type	string	Required	The type of credential to add
description	string	Required	An optional description of the credential
throttlePolicy	string	Optional	The throttle policy id
properties	string	Required	Credential properties

Example

```
POST /aspire/_api/credentials
{
  "type": "filesystem",
  "description": "xxxx",
  "properties": {
    "domain": "xxxx",
    "user": "xxxx",
    "password": "xxxx"
  }
}
```

Response

```
{
  "credential": [
    {
      "id": "43d1a498-c672-46b7-902f-082222122481",
      "type": "filesystem",
      "description": "xxxx",
      "properties": {
        "domain": "xxxx",
        "user": "xxxx",
        "password": "xxxx"
      }
    }
  ]
}
```

See [Response Body](#) for details regarding the response body returned where multiple items are affected with some (or all) returning errors

Status: 201, 406

Update credential(s)

Update credentials in Aspire, this endpoint needs the **ADMINISTRATOR** role to be executed.

```
PUT /aspire/_api/credentials/:id
PUT /aspire/_api/credentials
```

Body Parameters

Name	Type	Required	Description
id	string	Required	The identifier of the credential to update
description	string	x	The description of the credential
properties	object	x	Credential properties
throttlePolicy	string	x	The throttle policy id

x - at least one field must be present

Example - update more credentials

```
PUT /aspire/_api/credentials
{
  "AAABcID5GBc=": {
    "id": "AAABcID5GBc=",
    "throttlePolicy": "10653921-1b27-40b5-9d7a-f54ef1e3ad01"
  },
  "AAABcID5GBd=": {
    "id": "AAABcID5GBd=",
    "properties": {
      "domain": "xxxx",
      "user": "xxxx",
      "password": "xxxx"
    }
  }
}
```

Response

```
{ "credential": [{ "updated": true, "id": "AAABcID5GBc=" }, { "updated": true, "id": "AAABcID5GBd=" } ] }
```

Status: 200, 404, 406

Update credentials, filtered

Update credentials configured in the Aspire, filtered by a specified criteria, this endpoint needs the **ADMINISTRATOR** role to be executed.

```
PUT /aspire/_api/credentials/updateAll
```

Filters: The credential filter definition [here](#)

Update body parameter

```
{
  "update" : {
    "description" : "DESCRIPTION",
    "throttlePolicy" : "THROTTLE_POLICY_ID",
    "properties": {
      "user": "true",
      .....
    }
  }
}
```

Response

```
{
  "message": "update result response message"
}
```

Status: 200, 406

Delete credential(s)

Delete one or more connectors from Aspire, this endpoint need the **ADMINISTRATOR** role to be executed.

```
DELETE /aspire/_api/credentials/:id
DELETE /aspire/_api/credentials
POST /aspire/_api/credentials/delete
```

Path Parameters and Query parameters

Name	Type	Required	Description
id	string	Required	The identifier(s) of the credential(s) to delete

Body Parameter

Name	Type	Required	Description
ids	string	Required	The identifier(s) of the credential(s) to delete

Examples

```
DELETE /aspire/_api/credentials/AAABcID5GBc

DELETE /aspire/_api/credentials?id=AAABcID5GBc&id=AAABcID5GBd

POST /aspire/_api/credentials/delete
{
  "ids": [ "AAABcID5GBc", "AAABcID5GBd" ]
}
```

Response

```
{
  "message": "delete result response message"
}
```

Status: 200, 404, 406

Delete multiple credentials, filtered

Delete multiple credentials from Aspire, filtered by a specified criteria, this endpoint need the **ADMINISTRATOR** role to be executed.

```
POST /aspire/_api/credentials/deleteAll
```

Filters: The credential filter definition [here](#)

Response


```
{
  "message": "delete result response message"
}
```

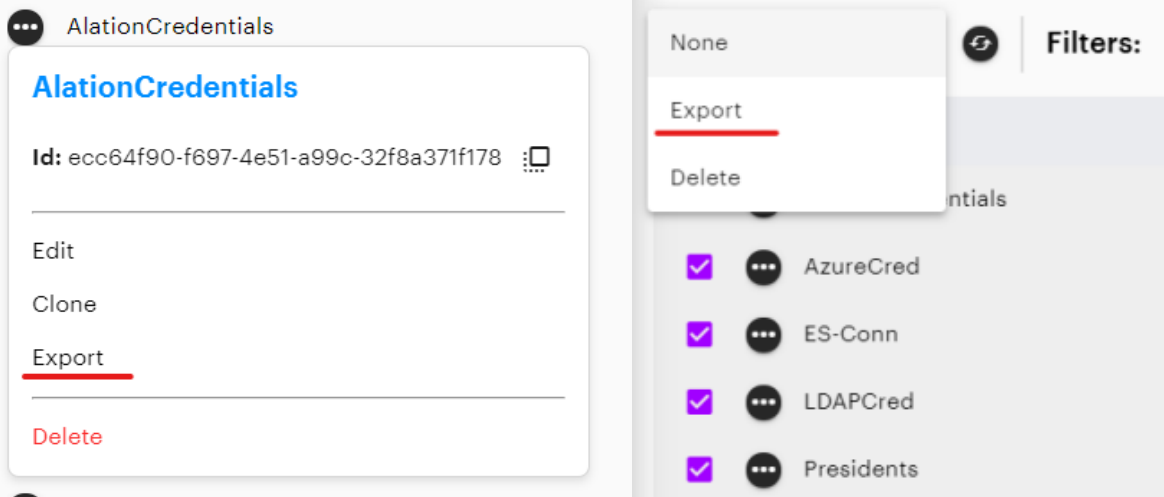
Status: 200

Export credentials(s)


Export one or more credential from Aspire, this endpoint needs at least the **OPERATOR** role to be executed.


```
GET /aspire/_api/credentials/export
GET /aspire/_api/credentials/export/:id
POST /aspire/_api/credentials/exportAll
```

 Every configuration item has the option to export from the UI, using the single menu or by the bulk actions:



The screenshot shows the 'AlationCredentials' component in a UI. On the left, a card for 'AlationCredentials' displays its ID: 'ecc64f90-f697-4e51-a99c-32f8a371f178'. Below the ID are buttons for 'Edit', 'Clone', 'Export' (highlighted with a red underline), and 'Delete'. On the right, a bulk actions menu is open, showing 'None', 'Export' (highlighted with a red underline), and 'Delete'. Below this menu, a list of credentials is shown with checkboxes: 'AzureCred', 'ES-Conn', 'LDAPCred', and 'Presidents'.

 Something important that you need to know is that when you export a config item that depends on another, the export will contain also all the dependencies.

 Take into consideration that components with resources loaded into elastic, will be exported, but the resource itself will not, so you will need to reupload the resource and go and select your resource in the component again.

Path Parameters and Query parameters

Name	Type	Required	Description
id	string	Required	The identifier(s) of the credential(s) to export

Body Parameter

Name	Type	Required	Description
ids	string	Required	The identifier(s) of the credential(s) to export

Examples

```
GET /aspire/_api/credentials/export/AAABcID5GBc

DELETE /aspire/_api/credentials/export?id=AAABcID5GBc&id=AAABcID5GBd

POST /aspire/_api/credentials/export
{
  "ids":["AAABcID5GBc","AAABcID5GBd"]
}
```

Response

```
{
  "export": {
    "credentials": {
      "credential": [
        {
          "id": "<credential_id>",
          "type": "rest-api",
          "description": "REST",
          "properties": {
            "type": "bearer",
            "query": {
              ...
            }
          }
        },
        ...
      ]
    }
  }
}
```

Status: 200, 404, 406

Export multiple credentials, filtered

Export multiple credentials from Aspire, filtered by a specified criteria, this endpoint needs at least the **OPERATOR** role to be executed.

```
POST /aspire/_api/credentials/exportAll
```

Filters: The connection filter definition [here](#)

Response

```
{
  "export": {
    "credentials": {
      "credential": [
        {
          "id": "<credential_id>",
          "type": "rest-api",
          "description": "REST",
          "properties": {
            "type": "bearer",
            "query": {
              ...
            }
          }
        },
        ...
      ]
    }
  }
}
```

Status: 200

Import

The import usage can be found [here](#)

Filters

Credential filter:

```
{
  "filter" : {
    "ids" : ["ID1", "ID2", "ID3", ...],
    "type" : "TYPE",
    "description" : "DESCRIPTION",
    "throttlePolicy" : "THROTTLE_POLICY_ID"
  }
}
```