

Policies API

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

Get all policies

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

```
GET /aspire/_api/policies
```

[Pagination query string parameters](#)

[Sorting query string parameters](#)

Get all policies, filtered

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

```
POST /aspire/_api/policies/getAll
```

[Pagination query string parameters](#)

[Sorting query string parameters](#)

[Common filter](#)

Response

```
{
  "count": {
    "totalItems": 3
  },
  "policy": [
    {
      "id": "10653921-1b27-40b5-9d7a-f54ef1e3ad01",
      "type": "throttle",
      "description": "throttleDesc",
      "period": "minute",
      "value": 5
    },
    {
      "id": "14822610-a387-44cf-a5ed-3e05618efb57",
      "type": "throttle",
      "description": "throttleDesc",
      "period": "day",
      "value": 333
    },
    {
      "id": "e10af522-5830-4105-9886-3385499202ba",
      "type": "route",
      "description": "routim to cz",
      "routeTo": "CZZZ"
    }
  ]
}
```

Status: 200

Get single policy

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

```
GET /aspire/_api/policies/:id
```

Path Parameters

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

Response

```
{
  "id": "10653921-1b27-40b5-9d7a-f54ef1e3ad01",
  "type": "throttle",
  "description": "throttleDesc",
  "period": "minute",
  "value": 5
}
```

Status: 200, 404

Add policy(ies)

Adds policies to Aspire, this endpoint need the at least the **ADMINISTRATOR** role to be executed.

```
POST /aspire/_api/policies
```

Body Parameters

Name	Type	Required	Description
type	string	Required	The type of policy to add "throttle" "route" "deleteIncremental (5.0.2)"
description	string	Required	An optional description of the policy

Other parameters passed in the request body will depend on the type of policy being created:

Throttle type:

Name	Type	Required	Description
period	string	Required	Time unit of the throttling policy - second, minute, hour, day
value	int	Required	Number of documents per time unit for the throttling policy

Route type:

Name	Type	Required	Description
routeTo	string	Required	A route to tag

DeleteIncremental type:

Name	Type	Required	Description
deletesPolicy	DeletesPolicy	Required	- IMMEDIATE - policy will be processed immediately, also is taken to consideration, if should be done after errors (property <i>deleteCheckAfterError</i>). - AFTER_DAYS - policy will be processed after number of days, number of days are stored in property <i>value</i>. - AFTER_INCREMENTALS - policy will be processed after number of incrementals, number of incrementals are stored in property <i>value</i>.
deleteCheckAfterErrors	enum DeleteCheckAfterErrors	Required for a variant IMMEDIATE	Checks if "delete" candidates still exist after an incremental when they are part of scan error. - ALWAYS - policy will be processed even if errors are found. - NEVER - policy will be not processed when errors are found.
value	int	Required for a variant AFTER_DAYS, AFTER_INCREMENTALS	Number of days or iterations. Valid value is also -1, that means that sends the deletes immediately since the last time the URLs were accessed.

Example

```
POST /aspire_api/policies
[
  {
    "type": "throttle",
    "description": "Europe Net Appliance throttle",
    "period": "minute",
    "value": "100"
  },
  {
    "type": "route",
    "description": "German servers",
    "routeTo": "US"
  },
  {
    "type": "deleteIncremental",
    "description": "Days before delete",
    "deletesPolicy": "AFTER_DAYS",
    "value": "1"
  },
  {
    "type": "deleteIncremental",
    "description": "Iterations before delete",
    "deletesPolicy": "AFTER_INCREMENTALS",
    "value": "2"
  },
  {
    "type": "deleteIncremental",
    "description": "default immediate policy",
    "deletesPolicy": "IMMEDIATE",
    "deleteCheckAfterErrors": "ALWAYS"
  },
]
```

Response

```
{
  "policy": [{
    "id": "AAABcID5GBc=",
    "type": "throttle"
    "description": "Europe Net Appliance throttle",
    "period": "minute",
    "value": "100"
  },
  {
    "id": "AAABcID5GBd=",
    "type": "route"
    "description": "All servers",
    "routeTo": "US"
  },
  {
    "id": "AAABcID5GBe=",
    "type": "deleteIncremental",
    "description": "Days before delete",
    "deletesPolicy": "AFTER_DAYS",
    "value": "1"
  },
  {
    "id": "AAABcID5GBf=",
    "type": "deleteIncremental",
    "description": "Iterations before delete",
    "deletesPolicy": "AFTER_INCREMENTALS",
    "value": "2"
  },
  {
    "id": "AAABcID5GBg=",
    "description": "default immediate policy",
    "deletesPolicy": "IMMEDIATE",
    "deleteCheckAfterErrors": "ALWAYS"
  }
]
}
```

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 policy(ies)

Update policies in Aspire, this endpoint need the at least the **ADMINISTRATOR** role to be executed.

```
PUT /aspire/_api/policies/:id
PUT /aspire/_api/policies
```

Body Parameters

Name	Type	Required	Description
id	string	Required	The identifier of the policy to update
description	string	x	A description
period	string	x	Time unit of the throttling policy - second, minute, hour, day
value	int	x	Number of documents per time unit for the throttling policy, number of days or iterations for delete Incremental policy
routeTo	string	x	A route to tag
deleteCheckAfterErrors	enum DeleteCheckAfterErrors	x	Checks if "delete" candidates still exist after an incremental when they are part of scan error. (ALWAYS/NEVER)

x - at least one field must be present

Example

```
PUT /aspire_api/policies
{
  "AAABcID5GBc=": {
    "id": "AAABcID5GBc=",
    "description": "Europe Net Appliance",
    "period": "minute",
    "value": "100"
  },
  "AAABcID5GBd=": {
    "id": "AAABcID5GBd=",
    "description": "German server",
    "routeTo": "US"
  },
  "AAABcID5GBe=": {
    "id": "AAABcID5GBe=",
    "description": "default immediate policy",
    "deleteCheckAfterErrors": "NEVER"
  },
  "AAABcID5GBf=": {
    "id": "AAABcID5GBf=",
    "description": "Iterations before delete",
    "value": "3"
  }
}
```

Response

```
{
  "policy": [
    {
      "updated": true,
      "id": "AAABcID5GBc="
    },
    {
      "updated": true,
      "id": "AAABcID5GBd="
    },
    {
      "updated": true,
      "id": "AAABcID5GBe="
    },
    {
      "updated": true,
      "id": "AAABcID5GBf="
    }
  ]
}
```

Status: 200, 404, 406

Update policies, filtered

Update policies configured in the Aspire, filtered by a specified criteria, this endpoint need the at least the **ADMINISTRATOR** role to be executed.

```
PUT /aspire/_api/policies/updateAll
```

Common filter

Update body parameter

```
{
  "update" : {
    "description" : "DESCRIPTION"
    "period" : "PERIOD"
    "value" : "VALUE"
    "routeTo" : "ROUTE_TO"
    "deleteCheckAfterErrors" : "NEVER"
  }
}
```

Response

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

Status: 200, 406

Delete policy(ies)

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

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

Path Parameters and Query parameters

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

Body Parameter

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

Examples

```
DELETE /aspire/_api/policies/AAABcID5GBc
DELETE /aspire/_api/policies?id=AAABcID5GBc&id=AAABcID5GBd
POST /aspire/_api/policies/delete
{
  "ids":["AAABcID5GBc","AAABcID5GBd"]
}
```

Response

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

Status: 200, 404, 406

Delete multiple policies, filtered

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

```
POST /aspire/_api/policies/deleteAll
```

[Common filter](#)

Response

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

Status: 200

Export policy(ies)

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

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

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

 deletePolicy

deletePolicy

Id: 9ff44b5c-6b82-4398-bb29-d1fe499f9646 

Edit

Clone

Export

Delete

None

Export

Delete

 **Filters:**

	Type
↑	Delete
☒  routePolicy	Route
☒  throttlePolicy	Throttle

 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 policy(ies) to export

Body Parameter

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

Examples

```
GET /aspire/_api/policies/export/AAABcID5GBc

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

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

Response

```
{
  "export": {
    "policies": {
      "policy": [
        {
          "id": "<policy_id>",
          "type": "deleteIncremental",
          "description": "pD",
          "deletesPolicy": "IMMEDIATE",
          "deleteCheckAfterErrors": "ALWAYS"
        },
        ...
      ]
    }
  }
}
```

Status: 200, 404, 406

Export multiple policies, filtered

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

```
POST /aspire/_api/policies/exportAll
```

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

Response

```
{
  "export": {
    "policies": {
      "policy": [
        {
          "id": "<policy_id>",
          "type": "deleteIncremental",
          "description": "pD",
          "deletesPolicy": "IMMEDIATE",
          "deleteCheckAfterErrors": "ALWAYS"
        },
        ...
      ]
    }
  }
}
```

Status: 200

Import

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

Filters

Connector filter:

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