



Manage network IP service policies

ONTAP 9.8 REST API reference

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April 02, 2024

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Manage network IP service policies

Network IP service-policies endpoint overview

Overview

Service policies are named groupings that define what services are supported by an IP interface. The following operations are supported:

- Creation: POST network/ip/service-policies
- Collection Get: GET network/ip/service-policies
- Instance Get: GET network/ip/service-policies/{uuid}
- Instance Patch: PATCH network/ip/service-policies/{uuid}
- Instance Delete: DELETE network/ip/service-policies/{uuid}

Examples

Retrieving all service policies in the cluster

The following output shows the collection of all service policies configured in a 2-node cluster. By default (without 'field=' parameter), only the UUID and name fields are shown for each entry.

```
# The API:
/api/network/ethernet/ip/service-policies

# The call:
curl -X GET "https://<mgmt-ip>/api/network/ip/service-policies" -H
"accept: application/hal+json"

# The response:
{
  "records": [
    {
      "uuid": "e4e2f193-c1a3-11e8-bb9d-005056bb88c8",
      "name": "net-intercluster",
      "_links": {
        "self": {
          "href": "/api/network/ip/service-policies/e4e2f193-c1a3-11e8-bb9d-005056bb88c8"
        }
      }
    },
    {
      "uuid": "e4e3f6da-c1a3-11e8-bb9d-005056bb88c8",
```

```

    "name": "net-route-announce",
    "_links": {
      "self": {
        "href": "/api/network/ip/service-policies/e4e3f6da-c1a3-11e8-bb9d-005056bb88c8"
      }
    }
  },
  {
    "uuid": "e5111111-c1a3-11e8-bb9d-005056bb88c8",
    "name": "vserver-route-announce",
    "_links": {
      "self": {
        "href": "/api/network/ip/service-policies/e5111111-c1a3-11e8-bb9d-005056bb88c8"
      }
    }
  },
  {
    "uuid": "e6111111-c1a3-11e8-bb9d-005056bb88c8",
    "name": "data-route-announce",
    "_links": {
      "self": {
        "href": "/api/network/ip/service-policies/e6111111-c1a3-11e8-bb9d-005056bb88c8"
      }
    }
  }
],
"num_records": 4,
"_links": {
  "self": {
    "href": "/api/network/ip/service-policies/?return_records=true&return_timeout=15"
  }
}
}

```

Retrieving a specific service policy (scope=svm)

The following output displays the response when a specific "svm" scoped service policy is requested. Among other parameters, the response contains the svm parameters associated with the service policy. The system returns an error when there is no service policy with the requested UUID.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X GET "http://<mgmt-ip>/api/network/ip/service-policies/dad323ff-4ce0-11e9-9372-005056bb91a8?fields=*" -H "accept: application/hal+json"

# The response:
{
  "uuid": "dad323ff-4ce0-11e9-9372-005056bb91a8",
  "name": "default-data-files",
  "scope": "svm",
  "svm": {
    "uuid": "d9060680-4ce0-11e9-9372-005056bb91a8",
    "name": "vs0",
    "_links": {
      "self": {
        "href": "/api/svm/svms/d9060680-4ce0-11e9-9372-005056bb91a8"
      }
    }
  },
  "ipospace": {
    "uuid": "45ec2dee-4ce0-11e9-9372-005056bb91a8",
    "name": "Default",
    "_links": {
      "self": {
        "href": "/api/network/ipspaces/45ec2dee-4ce0-11e9-9372-005056bb91a8"
      }
    }
  },
  "services": [
    "data_core",
    "data_nfs",
    "data_cifs",
    "data_flexcache"
  ],
  "_links": {
    "self": {
      "href": "/api/network/ip/service-policies/dad323ff-4ce0-11e9-9372-005056bb91a8"
    }
  }
}
```

Retrieving a specific service policy (scope=svm) when requesting commonly used fields

The following output displays the response when commonly used fields are requested for a specific "svm" scoped service policy. Among other parameters, the response contains the svm parameters associated with the service policy. The system returns an error when there is no service policy with the requested UUID.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X GET "https://<mgmt-ip>/api/network/ip/service-policies/e0889ce6-1e6a-11e9-89d6-005056bbdc04?fields=name,scope,svm.name,ipospace.name" -H "accept: application/hal+json"

# The response:
{
  "uuid": "e0889ce6-1e6a-11e9-89d6-005056bbdc04",
  "name": "test_policy",
  "scope": "svm",
  "svm": {
    "name": "vs0"
  },
  "ipospace": {
    "name": "Default"
  },
  "_links": {
    "self": {
      "href": "/api/network/ip/service-policies/e0889ce6-1e6a-11e9-89d6-005056bbdc04"
    }
  }
}
```

Retrieving a specific service policy (scope=cluster)

The following output displays the response when a specific cluster-scoped service policy is requested. The SVM object is not included for cluster-scoped service policies. A service policy with a scope of "cluster" is associated with an IPspace. The system returns an error when there is no service policy with the requested UUID.

```

# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X GET "https://<mgmt-ip>/api/network/ip/service-policies/4c6b72b9-0f6c-11e9-875d-005056bb21b8?fields=*" -H "accept: application/hal+json"

# The response:
{
  "uuid": "4c6b72b9-0f6c-11e9-875d-005056bb21b8",
  "name": "net-intercluster",
  "scope": "cluster",
  "ipspace": {
    "uuid": "4051f13e-0f6c-11e9-875d-005056bb21b8",
    "name": "Default",
    "_links": {
      "self": {
        "href": "/api/network/ipspaces/4051f13e-0f6c-11e9-875d-005056bb21b8"
      }
    }
  },
  "services": [
    "intercluster_core"
  ],
  "_links": {
    "self": {
      "href": "/api/network/ip/service-policies/4c6b72b9-0f6c-11e9-875d-005056bb21b8"
    }
  }
}

```

Retrieving a specific service policy (scope=cluster) when requesting commonly used fields

The following output displays the response when commonly used fields are requested for a specific "cluster" scoped service policy. The SVM object is not included for cluster-scoped service policies. A service policy with a scope of "cluster" is associated with an IPspace. The system returns an error when there is no service policy with the requested UUID.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X GET "https://<mgmt-ip>/api/network/ip/service-policies/4c6b72b9-0f6c-11e9-875d-005056bb21b8?fields=name,scope,ipospace.name" -H "accept: application/hal+json"

# The response:
{
  "uuid": "4c6b72b9-0f6c-11e9-875d-005056bb21b8",
  "name": "net-intercluster",
  "scope": "cluster",
  "ipospace": {
    "name": "Default"
  },
  "services": [
    "intercluster_core"
  ],
  "_links": {
    "self": {
      "href": "/api/network/ip/service-policies/4c6b72b9-0f6c-11e9-875d-005056bb21b8"
    }
  }
}
```

Creating service policies

You can use this API to create an SVM-scoped service policy by specifying the associated SVM, or a cluster-scoped service policy by specifying the associated IPspace. If the scope is not specified, it is inferred from the presence of the IPspace or SVM. Cluster scoped service policies will operate on the IPspace "Default" unless IPspace is explicitly specified.

Examples

Creating a cluster-scoped service policy

The following output displays the response when creating a service policy with a scope of "cluster" and an IPspace of "Default".

```

# The API:
/api/network/ip/service-policies

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ip/service-
policies?return_records=true" -H "accept: application/json" -d '{ "name":
"new-policy", "scope": "cluster", "ipSpace": { "name":"Default" },
"services": [ "intercluster_core" ] }'

# The response:
{
  "num_records": 1,
  "records": [
    {
      "uuid": "74139267-f1aa-11e9-b5d7-005056a73e2e",
      "name": "new-policy",
      "scope": "cluster",
      "ipSpace": {
        "uuid": "ba556295-e912-11e9-a1c8-005056a7080e",
        "name": "Default",
        "_links": {
          "self": {
            "href": "/api/network/ip/spaces/ba556295-e912-11e9-a1c8-
005056a7080e"
          }
        }
      },
      "_links": {
        "self": {
          "href": "/api/network/ip/service-policies/74139267-f1aa-11e9-b5d7-
005056a73e2e"
        }
      },
      "services": [
        "intercluster_core"
      ]
    }
  ]
}

```

Creating a cluster-scoped service policy without specifying IPspace

The following output displays the response when creating a service policy with a scope of "cluster" without specifying an IPspace".

```

# The API:
/api/network/ip/service-policies

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ip/service-
policies?return_records=true" -H "accept: application/json" -d '{ "name":
"new-policy", "scope": "cluster", "services": [ "intercluster_core" ] }'

# The response:
{
  "num_records": 1,
  "records": [
    {
      "uuid": "74139267-f1aa-11e9-b5d7-005056a73e2e",
      "name": "new-policy",
      "scope": "cluster",
      "ipspace": {
        "uuid": "ba556295-e912-11e9-a1c8-005056a7080e",
        "name": "Default",
        "_links": {
          "self": {
            "href": "/api/network/ipspaces/ba556295-e912-11e9-a1c8-
005056a7080e"
          }
        }
      },
      "_links": {
        "self": {
          "href": "/api/network/ip/service-policies/74139267-f1aa-11e9-b5d7-
005056a73e2e"
        }
      },
      "services": [
        "intercluster_core"
      ]
    }
  ]
}

```

Creating a cluster-scoped service policy without specifying scope

The following output displays the response when creating a service policy in the "Default" IPspace without specifying the scope".

```

# The API:
/api/network/ip/service-policies

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ip/service-
policies?return_records=true" -H "accept: application/json" -d '{ "name":
"new-policy2", "ipSpace.name": "Default", "services": [
"intercluster_core" ] }'

# The response:
{
  "num_records": 1,
  "records": [
    {
      "uuid": "59439267-f1aa-11e9-b5d7-005056a73e2e",
      "name": "new-policy2",
      "scope": "cluster",
      "ipSpace": {
        "uuid": "ba556295-e912-11e9-a1c8-005056a7080e",
        "name": "Default",
        "_links": {
          "self": {
            "href": "/api/network/ip/spaces/ba556295-e912-11e9-a1c8-
005056a7080e"
          }
        }
      },
      "services": [
        "intercluster_core"
      ],
      "_links": {
        "self": {
          "href": "/api/network/ip/service-policies/74139267-f1aa-11e9-b5d7-
005056a73e2e"
        }
      }
    }
  ]
}

```

Creating an SVM-scoped service policy

The following output displays the response when creating a service policy with a scope of "svm" in the SVM "vs0".

```

# The API:
/api/network/ip/service-policies

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ip/service-
policies?return_records=true" -H "accept: application/json" -d '{ "name":
"new-policy", "scope": "svm", "svm": { "name":"vs0" }, "services": [
"data-nfs", "data-cifs" ] }'

# The response:
{
  "num_records": 1,
  "records": [
    {
      "uuid": "f3901097-f2c4-11e9-b5d7-005056a73e2e",
      "name": "new-policy",
      "scope": "svm",
      "svm": {
        "uuid": "07df9cee-e912-11e9-a13a-005056a73e2e",
        "name": "vs0",
        "_links": {
          "self": {
            "href": "/api/svm/svms/07df9cee-e912-11e9-a13a-005056a73e2e"
          }
        }
      },
      "ipspace": {
        "uuid": "1d3199d2-e906-11e9-a13a-005056a73e2e",
        "name": "Default",
        "_links": {
          "self": {
            "href": "/api/network/ipspaces/1d3199d2-e906-11e9-a13a-
005056a73e2e"
          }
        }
      },
      "services": [
        "data_nfs",
        "data_cifs"
      ],
      "_links": {
        "self": {
          "href": "/api/network/ip/service-policies/f3901097-f2c4-11e9-b5d7-
005056a73e2e"
        }
      }
    }
  ]
}

```

```
}
}
]
```

Creating an SVM-scoped service policy without specifying scope

The following output displays the response when creating a service policy with a SVM of "vs0" without specifying the scope.

```
# The API:
/api/network/ip/service-policies

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ip/service-
policies?return_records=true" -H "accept: application/json" -d '{ "name":
"new-policy", "svm": { "name":"vs0" }, "services": [ "data-nfs", "data-
cifs" ] }'

# The response:
{
  "num_records": 1,
  "records": [
    {
      "uuid": "f3901097-f2c4-11e9-b5d7-005056a73e2e",
      "name": "new-policy",
      "scope": "svm",
      "svm": {
        "uuid": "07df9cee-e912-11e9-a13a-005056a73e2e",
        "name": "vs0",
        "_links": {
          "self": {
            "href": "/api/svm/svms/07df9cee-e912-11e9-a13a-005056a73e2e"
          }
        }
      },
      "ipospace": {
        "uuid": "1d3199d2-e906-11e9-a13a-005056a73e2e",
        "name": "Default",
        "_links": {
          "self": {
            "href": "/api/network/ipspaces/1d3199d2-e906-11e9-a13a-
005056a73e2e"
          }
        }
      }
    }
  ]
}
```

```
    }
  },
  "services": [
    "data_nfs",
    "data_cifs"
  ],
  "_links": {
    "self": {
      "href": "/api/network/ip/service-policies/f3901097-f2c4-11e9-b5d7-005056a73e2e"
    }
  }
}
]
```

Updating the name of a service policy

The following example displays the command used to update the name of a service policy scoped to a specific "svm". The system returns an error when there is no service policy associated with the UUID or the service policy cannot be renamed.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/network/ip/service-policies/734eaf57-d2fe-11e9-9284-005056acaad4" -d '{"name": "new-name"}' -H "accept: application/hal+json"
```

Updating the services for a service policy

The following example displays the command used to update the services a service policy contains. The system returns an error when there is no service policy associated with the UUID or the services cannot be applied.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/network/ip/service-policies/734eaf57-
d2fe-11e9-9284-005056acaad4" -d "{ \"services\": [ \"data-nfs\", \"data-
cifs\" ] }" -H "accept: application/hal+json"
```

Deleting a service policy

The following output displays the response for deleting a service policy.

```
# The API:
/api/network/ip/service-policies/{uuid}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/network/ip/service-
policies/757ed726-bdc1-11e9-8a92-005056a7bf25" -H "accept:
application/hal+json"
```

Retrieve service policies

GET /network/ip/service-policies

Introduced In: 9.6

Retrieves a collection of service policies.

Related ONTAP commands

- network interface service-policy show

Parameters

| Name | Type | In | Required | Description |
|----------|--------|-------|----------|--------------------|
| svm.uuid | string | query | False | Filter by svm.uuid |
| svm.name | string | query | False | Filter by svm.name |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|---|
| uuid | string | query | False | Filter by uuid |
| scope | string | query | False | Filter by scope |
| services | string | query | False | Filter by services |
| ipspace.name | string | query | False | Filter by ipspace.name |
| ipspace.uuid | string | query | False | Filter by ipspace.uuid |
| name | string | query | False | Filter by name |
| 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. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0 |

| Name | Type | In | Required | Description |
|----------|---------------|-------|----------|---|
| order_by | array[string] | query | False | Order results by specified fields and optional [asc |

Response

Status: 200, Ok

| Name | Type | Description |
|-------------|--|-------------|
| _links | _links | |
| num_records | integer | |
| records | array[ip_service_policy] | |

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "ipospace": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "exchange",
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    },
    "name": "default-intercluster",
    "scope": "svm",
    "services": {
    },
    "svm": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "svm1",
      "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
    },
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  }
}
```

Error

Status: Default, Error

| Name | Type | Description |
|-------|-------|-------------|
| error | 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 |
|------|----------------------|-------------|
| next | href | |
| self | href | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

ipspace

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | IPspace name |
| uuid | string | IPspace UUID |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

ip_service_policy

| Name | Type | Description |
|---------|-------------------------|-------------|
| _links | _links | |
| ipspace | ipspace | |
| name | string | |

| Name | Type | Description |
|----------|---------------------|---|
| scope | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| services | array[string] | |
| svm | svm | |
| uuid | string | |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

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. |

Create a service policy for network interfaces

POST /network/ip/service-policies

Introduced In: 9.8

Creates a service policy for network interfaces.

Required properties

- name - Name of the service policy to create.
- ipspace.name or ipspace.uuid
 - Required for cluster-scoped service policies.
 - Optional for SVM-scoped service policies.

- `svm.name` or `svm.uuid`
 - Required for SVM-scoped service policies.
 - Not valid for cluster-scoped service policies.

Default property values

If not specified in POST, the following default property values are assigned:

- `scope`
 - `svm` if the `svm` parameter is specified
 - `cluster` if the `svm` parameter is not specified

Parameters

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

Request Body

| Name | Type | Description |
|-----------------------|-------------------------|---|
| <code>_links</code> | _links | |
| <code>ipspace</code> | ipspace | |
| <code>name</code> | string | |
| <code>scope</code> | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| <code>services</code> | array[string] | |
| <code>svm</code> | svm | |
| <code>uuid</code> | string | |

Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "ipospace": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "name": "default-intercluster",
  "scope": "svm",
  "services": {
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
}
```

Response

Status: 200, Ok

Error

Status: Default

| Error Code | Description |
|------------|--|
| 1967146 | Svm.name does not exist. |
| 1967147 | Svm.uuid does not exist. |
| 53281929 | Service policies cannot combine block and file services. |
| 53281931 | Service policy names cannot start with "default-". |
| 53281933 | Cluster-scoped services cannot be added to a SVM-scoped service policy. |
| 53281934 | SVM-scoped services cannot be added to a Cluster-scoped service policy. |
| 53281935 | Scope is set to "svm" and svm.uuid or svm.name have not been specified. |
| 53281936 | The SVM is not in the specified IPspace. |
| 53281937 | Svm.uuid and svm.name are not valid parameters when scope is cluster. |
| 53281938 | Svm.uuid or svm.name specify a vserver that does not exist. |
| 53281939 | One or more of the svm.uuid, svm.name, ipspace.uuid, and ipspace.name have invalid values. |
| 53281940 | SVM or IPspace has not been specified. |
| 53281941 | SVM does not exist. |
| 53281944 | Ipspace.name does not exist. |
| 53281945 | Ipspace.uuid is not an IPspace. |
| 53281946 | Service policy already exists. |

| Name | Type | Description |
|-------|-------|-------------|
| error | 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 | |

ipospace

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | IPspace name |
| uuid | string | IPspace UUID |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

ip_service_policy

| Name | Type | Description |
|----------|--------------------------|---|
| _links | _links | |
| ipospace | ipospace | |
| name | string | |
| scope | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| services | array[string] | |
| svm | svm | |
| uuid | string | |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

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 service policy for network interfaces

DELETE /network/ip/service-policies/{uuid}

Introduced In: 9.8

Deletes a service policy for network interfaces.

Parameters

| Name | Type | In | Required | Description |
|------|--------|------|----------|----------------------------|
| uuid | string | path | True | UUID of the service policy |

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|---|
| 53281927 | Service policies owned by the system cannot be deleted. |
| 53281928 | Service policies assigned to LIFs cannot be deleted. |

| Name | Type | Description |
|-------|-------|-------------|
| error | 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 |

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 service policy

GET /network/ip/service-policies/{uuid}

Introduced In: 9.6

Retrieves a specific service policy.

Related ONTAP commands

- `network interface service-policy show`

Parameters

| Name | Type | In | Required | Description |
|-------------|---------------|-------|----------|---------------------------------------|
| uuid | string | path | True | Service policy UUID |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|---|
| return_records | boolean | query | False | The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • Default value: 1 • 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 | _links | |
| ipspace | ipspace | |
| name | string | |
| scope | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| services | array[string] | |
| svm | svm | |

| Name | Type | Description |
|------|--------|-------------|
| uuid | string | |

Example response

```

{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "ipospace": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "name": "default-intercluster",
  "scope": "svm",
  "services": {
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
}

```

Error

Status: Default, Error

| Name | Type | Description |
|-------|-------|-------------|
| error | 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 | |

ipospace

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | IPspace name |
| uuid | string | IPspace UUID |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

error

| Name | Type | Description |
|-----------|--|-------------------|
| arguments | array[error_arguments] | Message arguments |
| code | string | Error code |

| Name | Type | Description |
|---------|--------|---|
| message | string | Error message |
| target | string | The target parameter that caused the error. |

Update a service policy for network interfaces

PATCH /network/ip/service-policies/{uuid}

Introduced In: 9.8

Updates a service policy for network interfaces.

Parameters

| Name | Type | In | Required | Description |
|------|--------|------|----------|----------------------------|
| uuid | string | path | True | UUID of the service policy |

Request Body

| Name | Type | Description |
|----------|-------------------------|---|
| _links | _links | |
| ipspace | ipspace | |
| name | string | |
| scope | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| services | array[string] | |
| svm | svm | |
| uuid | string | |

Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "ipospace": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "name": "default-intercluster",
  "scope": "svm",
  "services": {
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
}
```

Response

Status: 200, Ok

Error

Status: Default

| Error Code | Description |
|------------|---|
| 53281929 | Service policies cannot combine block and file services. |
| 53281930 | Service policies maintained by the system cannot be renamed. |
| 53281931 | Service policy names cannot start with "default-". |
| 53281933 | A Cluster-scoped service cannot be added to a SVM-scoped service policy. |
| 53281934 | An SVM-scoped service cannot be added to a Cluster-scoped service policy. |

| Name | Type | Description |
|-------|-------|-------------|
| error | 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 | |

ipspace

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | IPspace name |
| uuid | string | IPspace UUID |

svm

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

ip_service_policy

| Name | Type | Description |
|----------|-------------------------|---|
| _links | _links | |
| ipspace | ipspace | |
| name | string | |
| scope | string | Set to "svm" for interfaces owned by an SVM. Otherwise, set to "cluster". |
| services | array[string] | |
| svm | svm | |
| uuid | string | |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

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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