# Manage broadcast domains

## REST API reference

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# Manage broadcast domains

## Network Ethernet broadcast-domains endpoint overview

### Overview

A broadcast domain is a collection of Ethernet ports that have layer 2 connectivity. They are used to determine which Ethernet ports can host interfaces of various types. The broadcast domain REST API allows you to retrieve, create, modify, and delete broadcast domains. The broadcast domain APIs do not manage port membership. To add a port to a broadcast domain or to move a port to a different broadcast domain, use PATCH /network/ethernet/ports/<uuid>.</uuid>

### Retrieving network Ethernet broadcast domain information

The broadcast domains GET API retrieves and displays relevant information pertaining to the broadcast domains configured in the cluster. The API retrieves the list of all broadcast domains configured in the cluster, or a specific broadcast domain.

---

### Examples

#### Retrieving all broadcast domains in the cluster

The following output shows the list of all broadcast domains configured in a cluster.

---

```
# The API:
/api/network/ethernet/broadcast-domains

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

# The response:
{
"records": [
  {
    "uuid": "6970c2a9-f34f-11e8-8373-005056bb6b85",
    "name": "Cluster",
    "ipspace": {
      "uuid": "6267eff8-f34f-11e8-8373-005056bb6b85",
      "name": "Cluster",
      "_links": {
        "self": {
          "href": "/api/network/ipspaces/6267eff8-f34f-11e8-8373-
005056bb6b85"
```

---

```
        }
      }
    },
    "ports": [
      {
        "uuid": "626b4d19-f34f-11e8-8373-005056bb6b85",
        "name": "e0a",
        "node": {
          "name": "examplecluster-node01"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/626b4d19-f34f-11e8-8373-
005056bb6b85"
          }
        }
      },
      {
        "uuid": "626b77b9-f34f-11e8-8373-005056bb6b85",
        "name": "e0b",
        "node": {
          "name": "examplecluster-node01"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/626b77b9-f34f-11e8-8373-
005056bb6b85"
          }
        }
      }
    ],
    "mtu": 9000,
    "_links": {
      "self": {
        "href": "/api/network/ethernet/broadcast-domains/6970c2a9-f34f-
11e8-8373-005056bb6b85"
      }
    }
  },
  {
    "uuid": "6972416c-f34f-11e8-8373-005056bb6b85",
    "name": "Default",
    "ipspace": {
      "uuid": "5f650349-f34f-11e8-8373-005056bb6b85",
      "name": "Default",
      "_links": {
```

```
        "self": {
          "href": "/api/network/ipspaces/5f650349-f34f-11e8-8373-
005056bb6b85"
        }
      }
    },
    "ports": [
      {
        "uuid": "626bae19-f34f-11e8-8373-005056bb6b85",
        "name": "e0c",
        "node": {
          "name": "examplecluster-node01"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/626bae19-f34f-11e8-8373-
005056bb6b85"
          }
        }
      },
      {
        "uuid": "626bd677-f34f-11e8-8373-005056bb6b85",
        "name": "e0d",
        "node": {
          "name": "examplecluster-node01"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/626bd677-f34f-11e8-8373-
005056bb6b85"
          }
        }
      }
    ],
    "mtu": 1500,
    "_links": {
      "self": {
        "href": "/api/network/ethernet/broadcast-domains/6972416c-f34f-
11e8-8373-005056bb6b85"
      }
    }
  }
],
"num_records": 2,
"_links": {
  "self": {
```

```
    "href": "/api/network/ethernet/broadcast-domains?fields=*"
  }
}
}
```

#### Retrieving a specific broadcast domain

The following output shows the response returned when a specific broadcast domain is requested. The system returns an error if there is no broadcast domain with the requested UUID.

```
# The API:
/api/network/ethernet/broadcast-domains/{uuid}

# The call:
curl -X GET "https://<mgmt-ip>/api/network/ethernet/broadcast-
domains/4475a2c8-f8a0-11e8-8d33-005056bb986f/?fields=*" -H "accept:
application/hal+json"

# The response:
{
"uuid": "4475a2c8-f8a0-11e8-8d33-005056bb986f",
"name": "Cluster",
"ipspace": {
  "uuid": "3e518ed5-f8a0-11e8-8d33-005056bb986f",
  "name": "Cluster",
  "_links": {
    "self": {
      "href": "/api/network/ipspaces/3e518ed5-f8a0-11e8-8d33-005056bb986f"
    }
  }
},
"ports": [
  {
    "uuid": "3e539a62-f8a0-11e8-8d33-005056bb986f",
    "name": "e0a",
    "node": {
      "name": "examplecluster-node01"
    },
    "_links": {
      "self": {
        "href": "/api/network/ethernet/ports/3e539a62-f8a0-11e8-8d33-
005056bb986f"
      }
```

```
    }
  },
  {
    "uuid": "3e53c94a-f8a0-11e8-8d33-005056bb986f",
    "name": "e0b",
    "node": {
      "name": "examplecluster-node01"
    },
    "_links": {
      "self": {
        "href": "/api/network/ethernet/ports/3e53c94a-f8a0-11e8-8d33-
005056bb986f"
      }
    }
  }
],
"mtu": 9000,
"_links": {
  "self": {
    "href": "/api/network/ethernet/broadcast-domains/4475a2c8-f8a0-11e8-
8d33-005056bb986f/"
  }
}
}
```

#### Retrieving all broadcast domains with a specific name

The following output shows the response returned when broadcast domains with a specific name in any IPspace are requested.

```
# The API:
/api/network/ethernet/broadcast-domains

# The call:
curl -X GET "https://10.224.87.121/api/network/ethernet/broadcast-
domains/?name=bd1" -H "accept: application/hal+json"

# The response:
{
"records": [
  {
    "uuid": "66b607e5-4bee-11e9-af6a-005056bb13c0",
    "name": "bd1",
    "_links": {
      "self": {
        "href": "/api/network/ethernet/broadcast-domains/66b607e5-4bee-
11e9-af6a-005056bb13c0"
      }
    }
  }
],
"num_records": 1,
"_links": {
  "self": {
    "href": "/api/network/ethernet/broadcast-domains/?name=bd1"
  }
}
}
```

#### Retrieving the broadcast domains for an IPspace

The following output shows the response returned when the broadcast domains for a specified IPspace are requested.

```
# The API:
/api/network/ethernet/broadcast-domains

# The call:
curl -X GET "https://10.224.87.121/api/network/ethernet/broadcast-
domains/?ipspace.name=Cluster&fields=*" -H "accept: application/hal+json"

# The response:
```

```
{
"records": [
  {
    "uuid": "ae69070c-4bed-11e9-af6a-005056bb13c0",
    "name": "Cluster",
    "ipspace": {
      "uuid": "ac466a88-4bed-11e9-af6a-005056bb13c0",
      "name": "Cluster",
      "_links": {
        "self": {
          "href": "/api/network/ipspaces/ac466a88-4bed-11e9-af6a-
005056bb13c0"
        }
      }
    },
    "ports": [
      {
        "uuid": "acd67884-4bed-11e9-af6a-005056bb13c0",
        "name": "e0a",
        "node": {
          "name": "examplecluster-node-1"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/acd67884-4bed-11e9-af6a-
005056bb13c0"
          }
        }
      },
      {
        "uuid": "ace1a36f-4bed-11e9-af6a-005056bb13c0",
        "name": "e0b",
        "node": {
          "name": "examplecluster-node-1"
        },
        "_links": {
          "self": {
            "href": "/api/network/ethernet/ports/ace1a36f-4bed-11e9-af6a-
005056bb13c0"
          }
        }
      }
    ],
    "mtu": 1500,
    "_links": {
      "self": {
```

```
        "href": "/api/network/ethernet/broadcast-domains/ae69070c-4bed-
11e9-af6a-005056bb13c0"
      }
    }
  }
],
"num_records": 1,
"_links": {
  "self": {
    "href": "/api/network/ethernet/broadcast-
domains/?ipspace.name=Cluster&fields=*"
  }
}
}
```

## Creating network Ethernet broadcast domains

You can use the POST API to create broadcast domains.

## Example

#### Creating a new broadcast domain

The following example shows how to create a broadcast domain with a name of 'bd1' and an MTU of 1500.

```
# The API:
/api/network/ethernet/broadcast-domains

# The call:
curl -X POST "https://<mgmt-ip>/api/network/ethernet/broadcast-
domains?return_records=true" -H "accept: application/hal+json" -d '{
"name": "bd1", "mtu": 1500 }'

# The response:
{
"num_records": 1,
"records": [
  {
    "name": "bd1",
    "mtu": 1500,
    "_links": {
      "self": {
        "href": "/api/network/ethernet/broadcast-domains/"
      }
    }
  }
]
}
```

## Updating network Ethernet broadcast domains

You can use the PATCH API to update the attributes of broadcast domains.

## Examples

#### Updating the name and MTU of a specific broadcast domain

The following example shows how the PATCH request changes the broadcast domain name to 'bd2' and the broadcast domain MTU to 9000.

```
# The API:
/api/network/ethernet/broadcast-domains/{uuid}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/network/ethernet/broadcast-
domains/6cde03b2-f8a2-11e8-8d33-005056bb986f/" -d '{ "name": "bd2", "mtu":
9000 }'
{
}
```

#### Updating the IPspace of a specific broadcast domain

The following example shows how the PATCH request changes the IPspace of a broadcast domain to 'ipspace2'.

```
# The API:
/api/network/ethernet/broadcast-domains/{uuid}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/network/ethernet/broadcast-
domains/c6fe2541-61f4-11e9-a66e-005056bbe83e" -d '{ "ipspace" : { "name" :
"ipspace2" } }'
{
}
```

## Deleting network Ethernet broadcast domains

You can use the DELETE API to delete a broadcast domain from the cluster configuration.

## Example

#### Deleting a specific broadcast domain

The following DELETE request deletes a broadcast domain.

```
# The API:
/api/network/ethernet/broadcast-domains/{uuid}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/network/ethernet/broadcast-
domains/6cde03b2-f8a2-11e8-8d33-005056bb986f/"
```

# Retrieve broadcast domains for the entire cluster

GET `/network/ethernet/broadcast-domains`

**Introduced In:** 9.6

Retrieves a collection of broadcast domains for the entire cluster.

## Related ONTAP commands

- `network port broadcast-domain show`

## Parameters

| Name | Type | In | Required | Description |
|---|---|---|---|---|
| ipspace.uuid | string | query | False | Filter by ipspace.uuid |
| ipspace.name | string | query | False | Filter by ipspace.name |
| uuid | string | query | False | Filter by uuid |
| name | string | query | False | Filter by name |
| mtu | integer | query | False | Filter by mtu<br>• Min value: 68 |
| ports.uuid | string | query | False | Filter by ports.uuid |
| ports.name | string | query | False | Filter by ports.name |
| ports.node.name | string | query | False | Filter by ports.node.name |

| 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.<br>• 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.<br>• Min value: 0<br>• Default value: 1<br>• Max value: 120 |
| 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 | Number of records |
| records | array[broadcast_domain] | |

**Example response**


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "ipspace": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "exchange",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "mtu": 1500,
      "name": "bd1",
      "ports": [
        {
          "_links": {
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "name": "e1b",
          "node": {
            "name": "node1"
          },
          "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
        }
      ],
      "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

Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input.

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

node

| Name | Type | Description |
|---|---|---|
| name | string | Name of node on which the port is located. |

ports

Port UUID along with readable names

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| name | string | |
| node | node | |
| uuid | string | |

broadcast_domain

Set of ports that will receive a broadcast Ethernet packet from any of them

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

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 new broadcast domain

POST `/network/ethernet/broadcast-domains`

**Introduced In:** 9.6

Creates a new broadcast domain.

## Required properties

- `name` - Name of the broadcast-domain to create.
- `mtu` - Maximum transmission unit (MTU) of the broadcast domain.

## Recommended optional properties

- `ipspace.name` or `ipspace.uuid` - IPspace the broadcast domain belongs to.

## Default property values

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

- `ipspace` - *Default*

## Related ONTAP commands

- `network port broadcast-domain create`

## Parameters

| Name | Type | In | Required | Description |
|---|---|---|---|---|
| return_records | boolean | query | False | The default is false. If set to true, the records are returned.<br>• Default value: |

## Request Body

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |

| Name | Type | Description |
|---|---|---|
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

**Example request**

```
{
  "ipspace": {
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "mtu": 1500,
  "name": "bd1",
  "ports": [
    {
      "name": "e1b",
      "node": {
        "name": "node1"
      },
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    }
  ],
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
}
```

## 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 |
| --- | --- |
| 1377267 | The specified IPspace does not exist. |
| 1967082 | The specified ipspace.name does not match the IPspace name of ipspace.uuid. |
| 1967102 | A POST operation might have left the configuration in an inconsistent state. Check the configuration. |
| 53281982 | The specified broadcast domain name is reserved by the system. |

## Definitions

**See Definitions**

href

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

_links

ipspace

Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input.

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

node

| Name | Type | Description |
|---|---|---|
| name | string | Name of node on which the port is located. |

ports

Port UUID along with readable names

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| name | string | |
| node | node | |
| uuid | string | |

broadcast_domain

Set of ports that will receive a broadcast Ethernet packet from any of them

| Name | Type | Description |
|---|---|---|
| _links | _links | |

| Name | Type | Description |
|---|---|---|
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

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 broadcast domain

DELETE `/network/ethernet/broadcast-domains/{uuid}`

**Introduced In:** 9.6

Deletes a broadcast domain.

## Related ONTAP commands

- `network port broadcast-domain delete`

## Parameters

| Name | Type | In | Required | Description |
|---|---|---|---|---|
| uuid | string | path | True | Broadcast domain UUID |

## Response

```
Status: 200, Ok
```

## Error

```
Status: Default
```

ONTAP Error Response Codes

| Error Code | Description |
|---|---|
| 1967103 | A broadcast domain with ports 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 broadcast domain details

GET `/network/ethernet/broadcast-domains/{uuid}`

**Introduced In:** 9.6

Retrieves details of a broadcast domain.

## Related ONTAP commands

- `network port broadcast-domain show`

## Parameters

| Name | Type | In | Required | Description |
|---|---|---|---|---|
| uuid | string | path | True | Broadcast domain UUID |
| fields | array[string] | query | False | Specify the fields to return. |

## Response

```
Status: 200, Ok
```

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

**Example response**


```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "ipspace": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "mtu": 1500,
  "name": "bd1",
  "ports": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "e1b",
      "node": {
        "name": "node1"
      },
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    }
  ],
  "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 | |

ipspace

Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input.

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

node

| Name | Type | Description |
|---|---|---|
| name | string | Name of node on which the port is located. |

ports

Port UUID along with readable names

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| name | string | |
| node | node | |
| uuid | string | |

error_arguments

| Name | Type | Description |
|---|---|---|
| code | string | Argument code |

| Name | Type | Description |
|---|---|---|
| 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. |

# Update broadcast domain properties

PATCH `/network/ethernet/broadcast-domains/{uuid}`

**Introduced In:** 9.6

Updates the properties of a broadcast domain.

## Related ONTAP commands

- `network port broadcast-domain modify`
- `network port broadcast-domain rename`
- `network port broadcast-domain move`

## Parameters

| Name | Type | In | Required | Description |
|---|---|---|---|---|
| uuid | string | path | True | Broadcast domain UUID |

## Request Body

| Name | Type | Description |
|---|---|---|
| _links | _links | |

| Name | Type | Description |
|---|---|---|
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

**Example request**


```
{
  "ipspace": {
    "name": "exchange",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "mtu": 1500,
  "name": "bd1",
  "ports": [
    {
      "name": "e1b",
      "node": {
        "name": "node1"
      },
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    }
  ],
  "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
}
```


## Response

```
Status: 200, Ok
```

## Error

```
Status: Default
```

ONTAP Error Response Codes

| Error Code | Description |
| --- | --- |
| 1377267 | The specified IPspace does not exist. |
| 1377269 | Failed to lookup the specified IPspace. |
| 1377560 | Broadcast domain already exists in specified IPspace. |
| 1377605 | Moving the system-generated broadcast domain to another IPspace is not supported. |
| 1967082 | The specified ipspace.name does not match the IPspace name of ipspace.uuid. |
| 1967150 | The specified ipspace.uuid is not valid. |
| 1967151 | The specified ipspace.uuid and ipspace.name do not match. |
| 1967152 | Patching IPspace for a broadcast domain requires an effective cluster version of 9.7 or later. |
| 53280884 | The MTU of the broadcast domain cannot be modified on this platform. |

## Definitions

**See Definitions**

href

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

_links

ipspace

Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input.

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

node

| Name | Type | Description |
|---|---|---|
| name | string | Name of node on which the port is located. |

ports

Port UUID along with readable names

| Name | Type | Description |
|---|---|---|
| _links | _links | |
| name | string | |
| node | node | |
| uuid | string | |

broadcast_domain

Set of ports that will receive a broadcast Ethernet packet from any of them

| Name | Type | Description |
|---|---|---|
| _links | _links | |

| Name | Type | Description |
|---|---|---|
| ipspace | ipspace | Applies to both SVM and cluster-scoped objects. Either the UUID or name is supplied on input. |
| mtu | integer | Maximum transmission unit, largest packet size on this network |
| name | string | Name of the broadcast domain, scoped to its IPspace |
| ports | array[ports] | Ports that belong to the broadcast domain |
| uuid | string | Broadcast domain UUID |

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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