



## **View iSCSI sessions**

### REST API reference

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# View iSCSI sessions

## Protocols SAN iSCSI sessions endpoint overview

### Overview

An iSCSI session is one or more TCP connections that link an iSCSI initiator with an iSCSI target. TCP connections can be added and removed from an iSCSI session by the iSCSI initiator. Across all TCP connections within an iSCSI session, an initiator sees one and the same target. After the connection is established, iSCSI control, data, and status messages are communicated over the session.

The iSCSI sessions REST API provides information about iSCSI initiators that have successfully logged in to ONTAP.

### Examples

#### Retrieving all iSCSI sessions

```
# The API:
GET /api/protocols/san/iscsi/sessions

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/san/iscsi/sessions" -H
"Accept: application/hal+json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "a009a9e7-4081-b576-7575-ada21efcaf16",
        "name": "svm1",
        "_links": {
          "self": {
            "href": "/api/svm/svms/a009a9e7-4081-b576-7575-ada21efcaf16"
          }
        }
      },
      "target_portal_group": "iscsi_lif1",
      "tsih": 10,
      "_links": {
        "self": {
          "href": "/api/protocols/san/iscsi/sessions/a009a9e7-4081-b576-7575-ada21efcaf16/iscsi_lif1/10"
        }
      }
    }
  ],
}
```

```

{
  "svm": {
    "uuid": "b009a9e7-4081-b576-7575-ada21efcaf16",
    "name": "svm2",
    "_links": {
      "self": {
        "href": "/api/svm/svms/b009a9e7-4081-b576-7575-ada21efcaf16"
      }
    }
  },
  "target_portal_group": "iscsi_lif2",
  "tsih": 11,
  "_links": {
    "self": {
      "href": "/api/protocols/san/iscsi/sessions/b009a9e7-4081-b576-7575-ada21efcaf16/iscsi_lif2/11"
    }
  }
},
"num_records": 2,
"_links": {
  "self": {
    "href": "/api/protocols/san/iscsi/sessions"
  }
}
}

```

### Retrieving all of the iSCSI sessions under the target portal group *iscsi\_lif1*

The `tpgroup` query parameter is used to perform the query.

```
# The API:
GET /api/protocols/san/iscsi/sessions

# The call:
curl -X GET "https://<mgmt-
ip>/api/protocols/san/iscsi/sessions?tpgroup=iscsi_lif1" -H "Accept:
application/hal+json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "a009a9e7-4081-b576-7575-ada21efcaf16",
        "name": "svm1",
        "_links": {
          "self": {
            "href": "/api/svm/svms/a009a9e7-4081-b576-7575-ada21efcaf16"
          }
        }
      },
      "target_portal_group": "iscsi_lif1",
      "tsih": 10,
      "_links": {
        "self": {
          "href": "/api/protocols/san/iscsi/sessions/a009a9e7-4081-b576-7575-ada21efcaf16/iscsi_lif1/10"
        }
      }
    }
  ],
  "num_records": 1,
  "_links": {
    "self": {
      "href": "/api/protocols/san/iscsi/sessions"
    }
  }
}
```

## Retrieving an iSCSI session

```
# The API:
GET
```

```
/api/protocols/san/iscsi/sessions/{svm.uuid}/{target_portal_group}/{tsih}
```

# The call:

```
curl -X GET "https://<mgmt-ip>/api/protocols/san/iscsi/sessions/a009a9e7-4081-b576-7575-ada21efcaf16/iscsi_lif1/10" -H "Accept: application/hal+json"
```

# The response:

```
{
  "svm": {
    "uuid": "a009a9e7-4081-b576-7575-ada21efcaf16",
    "name": "svm1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/a009a9e7-4081-b576-7575-ada21efcaf16"
      }
    }
  },
  "target_portal_group": "iscsi_lif1",
  "tsih": 10,
  "initiator": {
    "name": "iqn.1994-05.com.example:string",
    "comment": "Example information about this initiator"
  },
  "isid": "61:62:63:64:65:00",
  "target_portal_group_tag": 1027,
  "connections": [
    {
      "cid": 1,
      "authentication_type": "chap",
      "initiator_address": {
        "address": "10.224.123.85",
        "port": 43827
      },
      "interface": {
        "name": "iscsi_lif1",
        "uuid": "c15439b4-dbb4-11e8-90ac-005056bba882",
        "ip": {
          "address": "192.168.0.1",
          "port": 3260
        },
        "_links": {
          "self": {
            "href": "/api/network/ip/interfaces/c15439b4-dbb4-11e8-90ac-005056bba882"
          }
        }
      }
    }
  ]
}
```

```

    }
  }
},
"igroups": [
  {
    "uuid": "af7838cd-f993-4faf-90b7-5524787ae1e8",
    "name": "igroup1",
    "_links": {
      "self": {
        "href": "/api/protocols/san/igroups/af7838cd-f993-4faf-90b7-5524787ae1e8"
      }
    }
  },
  {
    "uuid": "bf7838cd-f993-4faf-90b7-5524787ae1e8",
    "name": "igroup2",
    "_links": {
      "self": {
        "href": "/api/protocols/san/igroups/bf7838cd-f993-4faf-90b7-5524787ae1e8"
      }
    }
  }
],
"_links": {
  "self": {
    "href": "/api/protocols/san/iscsi/sessions/a009a9e7-4081-b576-7575-ada21efcaf16/iscsi_lif1/10"
  }
}
}

```

## Retrieve iSCSI sessions

GET /protocols/san/iscsi/sessions

**Introduced In:** 9.6

Retrieves iSCSI sessions.

### Related ONTAP commands

- `vserver iscsi connection show`
- `vserver iscsi session parameter show`

- `vserver iscsi session show`

## Learn more

- [DOC /protocols/san/iscsi/sessions](#)

## Parameters

| Name                       | Type    | In    | Required | Description                                                                                                      |
|----------------------------|---------|-------|----------|------------------------------------------------------------------------------------------------------------------|
| igroups.name               | string  | query | False    | Filter by<br>igroups.name <ul style="list-style-type: none"><li>• maxLength: 96</li><li>• minLength: 1</li></ul> |
| igroups.uuid               | string  | query | False    | Filter by<br>igroups.uuid                                                                                        |
| tsih                       | integer | query | False    | Filter by tsih                                                                                                   |
| initiator.comment          | string  | query | False    | Filter by<br>initiator.comment <ul style="list-style-type: none"><li>• Introduced in:<br/>9.9</li></ul>          |
| initiator.alias            | string  | query | False    | Filter by<br>initiator.alias                                                                                     |
| initiator.name             | string  | query | False    | Filter by<br>initiator.name                                                                                      |
| target_portal_group_tag    | integer | query | False    | Filter by<br>target_portal_group_tag                                                                             |
| target_portal_group        | string  | query | False    | Filter by<br>target_portal_group                                                                                 |
| connections.cid            | integer | query | False    | Filter by<br>connections.cid                                                                                     |
| connections.interface.name | string  | query | False    | Filter by<br>connections.interface.name                                                                          |

| Name                                  | Type          | In    | Required | Description                                                                                                                                                        |
|---------------------------------------|---------------|-------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| connections.interface.ip.port         | integer       | query | False    | Filter by connections.interface.ip.port <ul style="list-style-type: none"> <li>• Max value: 65536</li> <li>• Min value: 1</li> </ul>                               |
| connections.interface.ip.address      | string        | query | False    | Filter by connections.interface.ip.address                                                                                                                         |
| connections.interface.uuid            | string        | query | False    | Filter by connections.interface.uuid                                                                                                                               |
| connections.authentication_type       | string        | query | False    | Filter by connections.authentication_type                                                                                                                          |
| connections.initiator_address.address | string        | query | False    | Filter by connections.initiator_address.address                                                                                                                    |
| connections.initiator_address.port    | integer       | query | False    | Filter by connections.initiator_address.port                                                                                                                       |
| svm.name                              | string        | query | False    | Filter by svm.name                                                                                                                                                 |
| svm.uuid                              | string        | query | False    | Filter by svm.uuid                                                                                                                                                 |
| isid                                  | string        | query | False    | Filter by isid                                                                                                                                                     |
| 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"> <li>• Default value: 1</li> </ul> |

| Name           | Type          | In    | Required | Description                                                                                                                                                                                                                                                                                                                                          |
|----------------|---------------|-------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| return_timeout | integer       | query | False    | <p>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.</p> <ul style="list-style-type: none"> <li>• Max value: 120</li> <li>• Min value: 0</li> <li>• Default value: 1</li> </ul> |
| order_by       | array[string] | query | False    | Order results by specified fields and optional [asc                                                                                                                                                                                                                                                                                                  |

## Response

Status: 200, Ok

| Name        | Type                                   | Description                            |
|-------------|----------------------------------------|----------------------------------------|
| _links      | <a href="#">_links</a>                 |                                        |
| num_records | integer                                | The number of records in the response. |
| records     | array[ <a href="#">iscsi_session</a> ] |                                        |

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "connections": [
        {
          "_links": {
            "next": {
              "href": "/api/resourcelink"
            },
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "authentication_type": "string",
          "cid": 0,
          "initiator_address": {
            "address": "10.10.10.7",
            "port": 55432
          },
          "interface": {
            "_links": {
              "self": {
                "href": "/api/resourcelink"
              }
            },
            "ip": {
              "address": "10.10.10.7",
              "port": 3260
            },
            "name": "lif1",
```

```

        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    }
}
],
"igroups": [
    {
        "_links": {
            "self": {
                "href": "/api/resourcelink"
            }
        },
        "name": "igroup1",
        "uuid": "4ea7a442-86d1-11e0-ae1c-123478563412"
    }
],
"initiator": {
    "alias": "initiator_alias1",
    "comment": "This is an iSCSI initiator for host 5",
    "name": "iqn.1992-01.example.com:string"
},
"isid": "61:62:63:64:65:00",
"svm": {
    "_links": {
        "self": {
            "href": "/api/resourcelink"
        }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
},
"target_portal_group": "tpgroup1",
"target_portal_group_tag": 0,
"tsih": 0
}
]
}

```

## Error

Status: Default, Error

| Name  | Type                           | Description |
|-------|--------------------------------|-------------|
| error | <a href="#">returned_error</a> |             |

### 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 | <a href="#">href</a> |             |
| self | <a href="#">href</a> |             |

\_links

| Name | Type                 | Description |
|------|----------------------|-------------|
| self | <a href="#">href</a> |             |

initiator\_address

The TCP socket information for the initiator end of the connection. This is useful for network packet debugging.

| Name    | Type    | Description                                                                |
|---------|---------|----------------------------------------------------------------------------|
| address | string  | The TCP IPv4 or IPv6 address of the initiator end of the iSCSI connection. |
| port    | integer | The TCP port number of the initiator end of the iSCSI connection.          |

ip

The IP information. ONTAP only supports port 3260.

| Name    | Type    | Description                                       |
|---------|---------|---------------------------------------------------|
| address | string  | IPv4 or IPv6 address                              |
| port    | integer | The TCP port number of the iSCSI access endpoint. |

interface

The network interface information for the target end of the connection.

| Name   | Type                   | Description                                                                                                                                      |
|--------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| _links | <a href="#">_links</a> |                                                                                                                                                  |
| ip     | <a href="#">ip</a>     | The IP information. ONTAP only supports port 3260. <ul style="list-style-type: none"> <li>• readOnly: 1</li> <li>• Introduced in: 9.6</li> </ul> |
| name   | string                 | The name of the interface.                                                                                                                       |
| uuid   | string                 | The UUID that uniquely identifies the interface.                                                                                                 |

#### iscsi\_connection

An active iSCSI connection.

| Name                | Type                              | Description                                                                                                      |
|---------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| _links              | <a href="#">_links</a>            |                                                                                                                  |
| authentication_type | string                            | The iSCSI authentication type used to establish the connection.                                                  |
| cid                 | integer                           | The identifier of the connection within the session.                                                             |
| initiator_address   | <a href="#">initiator_address</a> | The TCP socket information for the initiator end of the connection. This is useful for network packet debugging. |
| interface           | <a href="#">interface</a>         | The network interface information for the target end of the connection.                                          |

#### igroups

| Name   | Type                   | Description                                   |
|--------|------------------------|-----------------------------------------------|
| _links | <a href="#">_links</a> |                                               |
| name   | string                 | The name of the initiator group.              |
| uuid   | string                 | The unique identifier of the initiator group. |

#### initiator

The initiator that created the session.

| Name    | Type   | Description                                                                                                                                                                                        |
|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| alias   | string | The initiator alias.                                                                                                                                                                               |
| comment | string | A comment available for use by the administrator. This is modifiable from the initiator REST endpoint directly. See <a href="#">PATCH /protocols/san/igroups/{igroup.uuid}/initiators/{name}</a> . |
| name    | string | The world wide unique name of the initiator.                                                                                                                                                       |

svm

SVM, applies only to SVM-scoped objects.

| Name   | Type                   | Description                                                                         |
|--------|------------------------|-------------------------------------------------------------------------------------|
| _links | <a href="#">_links</a> |                                                                                     |
| 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. |

iscsi\_session

An iSCSI session is one or more TCP connections that link an iSCSI initiator with an iSCSI target. TCP connections can be added and removed from an iSCSI session by the iSCSI initiator. Across all TCP connections within an iSCSI session, an initiator sees one and the same target. After the connection is established, iSCSI control, data, and status messages are communicated over the session.

| Name        | Type                                      | Description                                              |
|-------------|-------------------------------------------|----------------------------------------------------------|
| _links      | <a href="#">_links</a>                    |                                                          |
| connections | array[ <a href="#">iscsi_connection</a> ] | The iSCSI connections that make up the iSCSI session.    |
| igroups     | array[ <a href="#">igroups</a> ]          | The initiator groups in which the initiator is a member. |
| initiator   | <a href="#">initiator</a>                 | The initiator that created the session.                  |

| Name                    | Type                | Description                                                                              |
|-------------------------|---------------------|------------------------------------------------------------------------------------------|
| isid                    | string              | The initiator portion of the session identifier specified by the initiator during login. |
| svm                     | <a href="#">svm</a> | SVM, applies only to SVM-scoped objects.                                                 |
| target_portal_group     | string              | The target portal group to which the session belongs.                                    |
| target_portal_group_tag | integer             | The target portal group tag of the session.                                              |
| tsih                    | integer             | The target session identifier handle (TSIH) of the session.                              |

#### error\_arguments

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

#### returned\_error

| Name      | Type                                     | Description                                 |
|-----------|------------------------------------------|---------------------------------------------|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments                           |
| code      | string                                   | Error code                                  |
| message   | string                                   | Error message                               |
| target    | string                                   | The target parameter that caused the error. |

## Retrieve an iSCSI session

GET /protocols/san/iscsi/sessions/{svm.uuid}/{tpgroup}/{tsih}

**Introduced In:** 9.6

Retrieves an iSCSI session.

## Related ONTAP commands

- `vserver iscsi connection show`
- `vserver iscsi session parameter show`
- `vserver iscsi session show`

## Learn more

- [DOC /protocols/san/iscsi/sessions](#)

## Parameters

| Name     | Type          | In    | Required | Description                                            |
|----------|---------------|-------|----------|--------------------------------------------------------|
| svm.uuid | string        | path  | True     | The unique identifier of the SVM of the iSCSI session. |
| tpgroup  | string        | path  | True     | The target portal group of the iSCSI session.          |
| tsih     | integer       | path  | True     | The target session identifying handle.                 |
| fields   | array[string] | query | False    | Specify the fields to return.                          |

## Response

Status: 200, Ok

| Name        | Type                                      | Description                                              |
|-------------|-------------------------------------------|----------------------------------------------------------|
| _links      | <a href="#">_links</a>                    |                                                          |
| connections | array[ <a href="#">iscsi_connection</a> ] | The iSCSI connections that make up the iSCSI session.    |
| igroups     | array[ <a href="#">igroups</a> ]          | The initiator groups in which the initiator is a member. |
| initiator   | <a href="#">initiator</a>                 | The initiator that created the session.                  |

| Name                    | Type    | Description                                                                              |
|-------------------------|---------|------------------------------------------------------------------------------------------|
| isid                    | string  | The initiator portion of the session identifier specified by the initiator during login. |
| svm                     | svm     | SVM, applies only to SVM-scoped objects.                                                 |
| target_portal_group     | string  | The target portal group to which the session belongs.                                    |
| target_portal_group_tag | integer | The target portal group tag of the session.                                              |
| tsih                    | integer | The target session identifier handle (TSIH) of the session.                              |

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "connections": [
    {
      "_links": {
        "next": {
          "href": "/api/resourcelink"
        },
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "authentication_type": "string",
      "cid": 0,
      "initiator_address": {
        "address": "10.10.10.7",
        "port": 55432
      },
      "interface": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "ip": {
          "address": "10.10.10.7",
          "port": 3260
        },
        "name": "lif1",
        "uuid": "1cd8a442-86d1-11e0-aelc-123478563412"
      }
    }
  ],
  "igroups": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      }
    }
  ],
}
```

```

    "name": "igroup1",
    "uuid": "4ea7a442-86d1-11e0-ae1c-123478563412"
  },
],
"initiator": {
  "alias": "initiator_alias1",
  "comment": "This is an iSCSI initiator for host 5",
  "name": "iqn.1992-01.example.com:string"
},
"isid": "61:62:63:64:65:00",
"svm": {
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "name": "svm1",
  "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
},
"target_portal_group": "tpgroup1",
"target_portal_group_tag": 0,
"tsih": 0
}

```

## Error

Status: Default

### ONTAP Error Response Codes

| Error Code | Description                                    |
|------------|------------------------------------------------|
| 2621462    | An SVM with the specified UUID does not exist. |

Also see the table of common errors in the [Response body](#) overview section of this documentation.

| Name  | Type                           | Description |
|-------|--------------------------------|-------------|
| error | <a href="#">returned_error</a> |             |

### 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 | <a href="#">href</a> |             |

\_links

| Name | Type                 | Description |
|------|----------------------|-------------|
| next | <a href="#">href</a> |             |
| self | <a href="#">href</a> |             |

initiator\_address

The TCP socket information for the initiator end of the connection. This is useful for network packet debugging.

| Name    | Type    | Description                                                                |
|---------|---------|----------------------------------------------------------------------------|
| address | string  | The TCP IPv4 or IPv6 address of the initiator end of the iSCSI connection. |
| port    | integer | The TCP port number of the initiator end of the iSCSI connection.          |

ip

The IP information. ONTAP only supports port 3260.

| Name    | Type    | Description                                       |
|---------|---------|---------------------------------------------------|
| address | string  | IPv4 or IPv6 address                              |
| port    | integer | The TCP port number of the iSCSI access endpoint. |

interface

The network interface information for the target end of the connection.

| Name                   | Type                   | Description                                                                                                                                      |
|------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">_links</a> | <a href="#">_links</a> |                                                                                                                                                  |
| ip                     | <a href="#">ip</a>     | The IP information. ONTAP only supports port 3260. <ul style="list-style-type: none"> <li>• readOnly: 1</li> <li>• Introduced in: 9.6</li> </ul> |
| name                   | string                 | The name of the interface.                                                                                                                       |
| uuid                   | string                 | The UUID that uniquely identifies the interface.                                                                                                 |

#### iscsi\_connection

An active iSCSI connection.

| Name                   | Type                              | Description                                                                                                      |
|------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------|
| <a href="#">_links</a> | <a href="#">_links</a>            |                                                                                                                  |
| authentication_type    | string                            | The iSCSI authentication type used to establish the connection.                                                  |
| cid                    | integer                           | The identifier of the connection within the session.                                                             |
| initiator_address      | <a href="#">initiator_address</a> | The TCP socket information for the initiator end of the connection. This is useful for network packet debugging. |
| interface              | <a href="#">interface</a>         | The network interface information for the target end of the connection.                                          |

#### igroups

| Name                   | Type                   | Description                                   |
|------------------------|------------------------|-----------------------------------------------|
| <a href="#">_links</a> | <a href="#">_links</a> |                                               |
| name                   | string                 | The name of the initiator group.              |
| uuid                   | string                 | The unique identifier of the initiator group. |

#### initiator

The initiator that created the session.

| Name    | Type   | Description                                                                                                                                                                                        |
|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| alias   | string | The initiator alias.                                                                                                                                                                               |
| comment | string | A comment available for use by the administrator. This is modifiable from the initiator REST endpoint directly. See <a href="#">PATCH /protocols/san/igroups/{igroup.uuid}/initiators/{name}</a> . |
| name    | string | The world wide unique name of the initiator.                                                                                                                                                       |

svm

SVM, applies only to SVM-scoped objects.

| Name   | Type                   | Description                                                                         |
|--------|------------------------|-------------------------------------------------------------------------------------|
| _links | <a href="#">_links</a> |                                                                                     |
| 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. |

error\_arguments

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

returned\_error

| Name      | Type                                     | Description       |
|-----------|------------------------------------------|-------------------|
| arguments | array[ <a href="#">error_arguments</a> ] | Message arguments |
| code      | string                                   | Error code        |
| message   | string                                   | Error message     |

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

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