



# Retrieve MetroCluster SVMs

ONTAP 9.11.1 REST API reference

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# Retrieve MetroCluster SVMs

## Cluster MetroCluster svms endpoint overview

### Overview

Retrieves configuration information for all pairs of SVMs in MetroCluster.

### Examples

```
GET https://<mgmt-ip>/api/cluster/metrocluster/svms/?fields=*"
{
  "records": [
    {
      "cluster": {
        "uuid": "9623385a-6c4c-11ec-a8cc-005056aca0c8",
        "name": "cluster1"
      },
      "svm": {
        "uuid": "2ea76ca7-6c5f-11ec-b430-005056aca0c8",
        "name": "svm1"
      },
      "partner_svm": {
        "uuid": "2ea76ca7-6c5f-11ec-b430-005056aca0c8",
        "name": "svm1-mc"
      },
      "configuration_state": "healthy",
      "_links": {
        "self": {
          "href": "/api/cluster/metrocluster/svms/9623385a-6c4c-11ec-a8cc-005056aca0c8/2ea76ca7-6c5f-11ec-b430-005056aca0c8"
        }
      }
    },
    {
      "cluster": {
        "uuid": "988d33a0-6c4c-11ec-8e28-005056aceeed",
        "name": "cluster2"
      },
      "svm": {
        "uuid": "2fa16461-6c5f-11ec-8f69-005056aceeed",
        "name": "svm2"
      }
    }
  ]
}
```

```

    "partner_svm": {
      "uuid": "2fa16461-6c5f-11ec-8f69-005056aceeed",
      "name": "svm2-mc"
    },
    "configuration_state": "healthy",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/svms/988d33a0-6c4c-11ec-8e28-005056aceeed/2fa16461-6c5f-11ec-8f69-005056aceeed"
      }
    }
  },
  "num_records": 2,
  "_links": {
    "self": {
      "href": "/api/cluster/metrocluster/svms/?fields=*"
    }
  }
}

```

## Retrieve configuration information for all SVM pairs in a MetroCluster configuration

GET /cluster/metrocluster/svms

**Introduced In:** 9.11

Retrieves configuration information for all pairs of SVMs in MetroCluster. REST /api/cluster/metrocluster/svms/?

### Parameters

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

| Name                | Type          | In    | Required | Description   |
|---------------------|---------------|-------|----------|---|
| configuration_state | string        | query | False    | Filter by configuration_state   |
| failed_reason       | string        | query | False    | Filter by failed_reason   |
| partner_svm.name    | string        | query | False    | Filter by partner_svm.name  |
| partner_svm.uuid    | string        | query | False    | Filter by partner_svm.uuid  |
| 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>  |
| 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"> <li>• Default value: 1</li> <li>• Max value: 120</li> <li>• Min value: 0</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="#">collection_links</a>          |                   |
| num_records | integer                                   | Number of Records |
| records     | array[ <a href="#">metrocluster_svm</a> ] |                   |

## Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "cluster": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "cluster1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "configuration_state": "string",
      "failed_reason": {
        "arguments": [
          {
            "code": "string",
            "message": "string"
          }
        ],
        "code": "4",
        "message": "entry doesn't exist",
        "target": "uuid"
      },
      "partner_svm": {
        "name": "string",
        "uuid": "string"
      },
      "svm": {
        "_links": {
          "self": {
```

```
        "href": "/api/resourcelink"
      }
    },
    "name": "svml",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
]
}
```

## 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 |             |

collection\_links

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

self\_link

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

\_links

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

cluster

| Name   | Type                   | Description |
|--------|------------------------|-------------|
| _links | <a href="#">_links</a> |             |
| name   | string                 |             |
| uuid   | string                 |             |

error\_arguments

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

error

Reason for SVM object replication failure.

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

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

partner\_svm

| Name | Type   | Description                    |
|------|--------|--------------------------------|
| name | string | MetroCluster partner SVM name. |
| uuid | string | MetroCluster partner SVM UUID. |

svm

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

metrocluster\_svm

Retrieves configuration information for all pairs of SVMs in MetroCluster. REST `/api/cluster/metrocluster/svms/?`

| Name                | Type                        | Description                                |
|---------------------|-----------------------------|--|
| _links              | <a href="#">self_link</a>   |  |
| cluster             | <a href="#">cluster</a>     |  |
| configuration_state | string                      | Configuration state.                       |
| failed_reason       | <a href="#">error</a>       | Reason for SVM object replication failure. |
| partner_svm         | <a href="#">partner_svm</a> |  |
| svm                 | <a href="#">svm</a>         |  |

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 configuration information for an SVM

GET /cluster/metrocluster/svms/{cluster.uuid}/{svm.uuid}

Introduced In: 9.11

Retrieves configuration information for an SVM in a MetroCluster relationship.

### Parameters

| Name         | Type          | In    | Required | Description                   |
|--------------|---------------|-------|----------|-------------------------------|
| cluster.uuid | string        | path  | True     | Cluster ID                    |
| svm.uuid     | string        | path  | True     | SVM UUID                      |
| fields       | array[string] | query | False    | Specify the fields to return. |

### Response

Status: 200, Ok

| Name                | Type                        | Description                                |
|---------------------|-----------------------------|--|
| _links              | <a href="#">self_link</a>   |  |
| cluster             | <a href="#">cluster</a>     |  |
| configuration_state | string                      | Configuration state.                       |
| failed_reason       | <a href="#">error</a>       | Reason for SVM object replication failure. |
| partner_svm         | <a href="#">partner_svm</a> |  |

| Name | Type | Description |
|------|------|-------------|
| svm  | svm  |             |

## Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "configuration_state": "string",
  "failed_reason": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  },
  "partner_svm": {
    "name": "string",
    "uuid": "string"
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

## 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 |             |

self\_link

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

\_links

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

cluster

| Name   | Type                   | Description |
|--------|------------------------|-------------|
| _links | <a href="#">_links</a> |             |
| name   | string                 |             |
| uuid   | string                 |             |

error\_arguments

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

error

Reason for SVM object replication failure.

| 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. |

### partner\_svm

| Name | Type   | Description                    |
|------|--------|--------------------------------|
| name | string | MetroCluster partner SVM name. |
| uuid | string | MetroCluster partner SVM UUID. |

### svm

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

### 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. |



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