



# Retrieve MetroCluster SVMs

ONTAP 9.12.1 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"
    }
  },
  "num_records": 1,
  "records": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "cluster": {
      "_links": {
        "self": {
          "href": "/api/resourcelink"
        }
      },
      "name": "cluster1",
      "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
    },
    "configuration_state": "degraded",
    "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	

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": "degraded",
  "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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