



# Retrieve MetroCluster SVMs

ONTAP 9.14.1 REST API reference

NetApp  
May 23, 2024

# Table of Contents

- Retrieve MetroCluster SVMs ..... 1
  - Cluster MetroCluster svms endpoint overview ..... 1
  - Overview ..... 1
- Retrieve configuration information for all SVM pairs in a MetroCluster configuration ..... 2
- Retrieve configuration information for an SVM ..... 9

# Retrieve MetroCluster SVMs

## Cluster MetroCluster svms endpoint overview

### Overview

Retrieves configuration information for all pairs of SVMs in MetroCluster.

#### Related ONTAP commands

- `metrocluster vserver show`

### 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

Name	Type	In	Required	Description
cluster.uuid	string	query	False	Filter by cluster.uuid
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>

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	<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"
    },
    "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	<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	

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

#### partner\_svm

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

#### svm

SVM, applies only to SVM-scoped objects.

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

#### metrocluster\_svm

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

Name	Type	Description
<a href="#">_links</a>	<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>	SVM, applies only to SVM-scoped objects.

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 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.

Name	Type	Description
partner_svm	<a href="#">partner_svm</a>	
svm	<a href="#">svm</a>	SVM, applies only to SVM-scoped objects.

## 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"
  },
  "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	<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	

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

partner\_svm

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

svm

SVM, applies only to SVM-scoped objects.

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

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.



## Copyright information

Copyright © 2024 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

## Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.