



Retrieve MetroCluster node configurations

REST API reference

NetApp
September 12, 2025

Table of Contents

- Retrieve MetroCluster node configurations 1
 - Cluster MetroCluster nodes endpoint overview 1
 - Overview 1
 - Retrieve MetroCluster nodes and configurations 4
 - Related ONTAP Commands 4
 - Learn more 4
 - Parameters 4
 - Response 8
 - Error 11
 - Definitions 12
- Retrieve the node configuration in MetroCluster 16
 - Related ONTAP Commands 16
 - Parameters 16
 - Response 17
 - Error 21
 - Definitions 21

Retrieve MetroCluster node configurations

Cluster MetroCluster nodes endpoint overview

Overview

Retrieves the configuration information for the nodes in the MetroCluster configuration.

Example

```
GET https://<mgmt-ip>/api/cluster/metrocluster/nodes
{
  "records": [
    {
      "dr_group_id": 1,
      "cluster": {
        "name": "cluster1",
        "uuid": "8f77de32-9857-11e9-9a55-005056828eb9",
        "_links": {
          "self": {
            "href": "/api/cluster"
          }
        }
      },
      "node": {
        "name": "cluster1_01",
        "uuid": "46147363-9857-11e9-9a55-005056828eb9",
        "_links": {
          "self": {
            "href": "/api/cluster/nodes/46147363-9857-11e9-9a55-005056828eb9"
          }
        }
      },
      "dr_mirroring_state": "enabled",
      "configuration_state": "configured",
      "_links": {
        "self": {
          "href": "/api/cluster/metrocluster/nodes/46147363-9857-11e9-9a55-005056828eb9"
        }
      }
    },
    {

```

```

    "dr_group_id": 1,
    "cluster": {
      "name": "cluster1",
      "uuid": "8f77de32-9857-11e9-9a55-005056828eb9",
      "_links": {
        "self": {
          "href": "/api/cluster"
        }
      }
    },
    "node": {
      "name": "cluster1_02",
      "uuid": "cf1dc67f-9857-11e9-bf80-005056829db6",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/cf1dc67f-9857-11e9-bf80-005056829db6"
        }
      }
    },
    "dr_mirroring_state": "enabled",
    "configuration_state": "configured",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/nodes/cf1dc67f-9857-11e9-bf80-005056829db6"
      }
    }
  },
  {
    "dr_group_id": 1,
    "cluster": {
      "name": "cluster3",
      "uuid": "aa8aa15a-9857-11e9-80c9-00505682e684",
      "_links": {
        "self": {
          "href": "/api/cluster/peers/aa8aa15a-9857-11e9-80c9-00505682e684/cluster"
        }
      }
    },
    "node": {
      "name": "cluster3_01",
      "uuid": "5b3b983b-9857-11e9-80c9-00505682e684",
      "_links": {
        "self": {

```

```

        "href": "/api/cluster/nodes/5b3b983b-9857-11e9-80c9-00505682e684"
      }
    },
    "dr_mirroring_state": "enabled",
    "configuration_state": "configured",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/nodes/5b3b983b-9857-11e9-80c9-00505682e684"
      }
    }
  },
  {
    "dr_group_id": 1,
    "cluster": {
      "name": "cluster3",
      "uuid": "aa8aa15a-9857-11e9-80c9-00505682e684",
      "_links": {
        "self": {
          "href": "/api/cluster/peers/aa8aa15a-9857-11e9-80c9-00505682e684/cluster"
        }
      }
    },
    "node": {
      "name": "cluster3_02",
      "uuid": "45bff538-9858-11e9-a624-005056820377",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/45bff538-9858-11e9-a624-005056820377"
        }
      }
    },
    "dr_mirroring_state": "enabled",
    "configuration_state": "configured",
    "_links": {
      "self": {
        "href": "/api/cluster/metrocluster/nodes/45bff538-9858-11e9-a624-005056820377"
      }
    }
  }
],

```

```
"num_records": 4,
"_links": {
  "self": {
    "href": "/api/cluster/metrocluster/nodes?fields=%2A"
  }
}
}
```

Retrieve MetroCluster nodes and configurations

GET /cluster/metrocluster/nodes

Introduced In: 9.8

Retrieves MetroCluster nodes and their configurations.

Related ONTAP Commands

- `metrocluster node show`

Learn more

- [DOC /cluster/metrocluster/nodes](#)

Parameters

Name	Type	In	Required	Description
dr_auxiliary_partner.name	string	query	False	Filter by dr_auxiliary_partner.name <ul style="list-style-type: none">• Introduced in: 9.12
dr_auxiliary_partner.uuid	string	query	False	Filter by dr_auxiliary_partner.uuid <ul style="list-style-type: none">• Introduced in: 9.12

Name	Type	In	Required	Description
dr_auxiliary_partner.system_id	string	query	False	Filter by dr_auxiliary_partner.system_id • Introduced in: 9.12
dr_mirroring_state	string	query	False	Filter by dr_mirroring_state
dr_group_id	integer	query	False	Filter by dr_group_id
limit_enforcement	string	query	False	Filter by limit_enforcement • Introduced in: 9.12
node.name	string	query	False	Filter by node.name
node.uuid	string	query	False	Filter by node.uuid
node.system_id	string	query	False	Filter by node.system_id • Introduced in: 9.12
dr_partner_cluster.name	string	query	False	Filter by dr_partner_cluster.name • Introduced in: 9.12
dr_partner_cluster.uuid	string	query	False	Filter by dr_partner_cluster.uuid • Introduced in: 9.12
dr_operation_state	string	query	False	Filter by dr_operation_state • Introduced in: 9.9

Name	Type	In	Required	Description
dr_partner.name	string	query	False	Filter by dr_partner.name • Introduced in: 9.12
dr_partner.uuid	string	query	False	Filter by dr_partner.uuid • Introduced in: 9.12
dr_partner.system_id	string	query	False	Filter by dr_partner.system_id • Introduced in: 9.12
ha_partner.name	string	query	False	Filter by ha_partner.name • Introduced in: 9.12
ha_partner.uuid	string	query	False	Filter by ha_partner.uuid • Introduced in: 9.12
ha_partner.system_id	string	query	False	Filter by ha_partner.system_id • Introduced in: 9.12
cluster.name	string	query	False	Filter by cluster.name
cluster.uuid	string	query	False	Filter by cluster.uuid
automatic_uso	boolean	query	False	Filter by automatic_uso • Introduced in: 9.9

Name	Type	In	Required	Description
ha_partner_cluster.name	string	query	False	Filter by ha_partner_cluster.name • Introduced in: 9.12
ha_partner_cluster.uuid	string	query	False	Filter by ha_partner_cluster.uuid • Introduced in: 9.12
is_mccip	boolean	query	False	Filter by is_mccip • Introduced in: 9.12
dr_auxiliary_cluster.name	string	query	False	Filter by dr_auxiliary_cluster.name • Introduced in: 9.12
dr_auxiliary_cluster.uuid	string	query	False	Filter by dr_auxiliary_cluster.uuid • Introduced in: 9.12
configuration_state	string	query	False	Filter by configuration_state
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. • Default value: 1

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"> • Default value: 1 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc

Response

Status: 200, Ok

Name	Type	Description
_links	collection_links	
num_records	integer	Number of Records
records	array[metrocluster_node]	

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": "string",
      "dr_auxiliary_cluster": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "cluster1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "dr_auxiliary_partner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "node1",
        "system_id": "string",

```

```

    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "dr_group_id": 0,
  "dr_mirroring_state": "string",
  "dr_operation_state": "string",
  "dr_partner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "dr_partner_cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "ha_partner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "ha_partner_cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "limit_enforcement": "string",
  "node": {
    "_links": {

```

```

    "self": {
      "href": "/api/resourcelink"
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  }
]
}

```

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
2425734	An internal error occurred. Wait a few minutes, and try the operation again. For further assistance, contact technical support.

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	href	
self	href	

self_link

Name	Type	Description
self	href	

_links

Name	Type	Description
self	href	

cluster

Name	Type	Description
_links	_links	
name	string	
uuid	string	

dr_auxiliary_cluster

DR AUX cluster.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

dr_auxiliary_partner

AUX partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

dr_partner

DR partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

dr_partner_cluster

DR partner cluster.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

ha_partner

HA partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

ha_partner_cluster

HA partner cluster.

Name	Type	Description
_links	_links	
name	string	

Name	Type	Description
uuid	string	

node

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

metrocluster_node

Data for a node in a MetroCluster. REST: /api/cluster/metrocluster/nodes

Name	Type	Description
_links	self_link	
automatic_uso	boolean	Specifies if automatic unplanned switchover is enabled.
cluster	cluster	
configuration_state	string	Configuration state of the node.
dr_auxiliary_cluster	dr_auxiliary_cluster	DR AUX cluster.
dr_auxiliary_partner	dr_auxiliary_partner	AUX partner node.
dr_group_id	integer	DR Group ID.
dr_mirroring_state	string	State of the DR mirroring configuration.
dr_operation_state	string	State of the DR operation.
dr_partner	dr_partner	DR partner node.
dr_partner_cluster	dr_partner_cluster	DR partner cluster.
ha_partner	ha_partner	HA partner node.
ha_partner_cluster	ha_partner_cluster	HA partner cluster.

Name	Type	Description
is_mccip	boolean	Indicates whether the configuration type is MCC-IP.
limit_enforcement	string	Indicates if the node object limits are enforced.
node	node	

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 the node configuration in MetroCluster

GET /cluster/metrocluster/nodes/{node.uuid}

Introduced In: 9.8

Retrieves the node configuration in the MetroCluster.

Related ONTAP Commands

- `metrocluster node show`

Parameters

Name	Type	In	Required	Description
node.uuid	string	path	True	Node UUID
fields	array[string]	query	False	Specify the fields to return.

Response

Status: 200, Ok

Name	Type	Description
_links	self_link	
automatic_uso	boolean	Specifies if automatic unplanned switchover is enabled.
cluster	cluster	
configuration_state	string	Configuration state of the node.
dr_auxiliary_cluster	dr_auxiliary_cluster	DR AUX cluster.
dr_auxiliary_partner	dr_auxiliary_partner	AUX partner node.
dr_group_id	integer	DR Group ID.
dr_mirroring_state	string	State of the DR mirroring configuration.
dr_operation_state	string	State of the DR operation.
dr_partner	dr_partner	DR partner node.
dr_partner_cluster	dr_partner_cluster	DR partner cluster.
ha_partner	ha_partner	HA partner node.
ha_partner_cluster	ha_partner_cluster	HA partner cluster.
is_mccip	boolean	Indicates whether the configuration type is MCC-IP.
limit_enforcement	string	Indicates if the node object limits are enforced.

Name	Type	Description
node	node	

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "configuration_state": "string",
  "dr_auxiliary_cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "dr_auxiliary_partner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "dr_group_id": 0,
  "dr_mirroring_state": "string",
  "dr_operation_state": "string",
  "dr_partner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    }
  },
}
```

```

    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "dr_partner_cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "ha_partner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "ha_partner_cluster": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "cluster1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "limit_enforcement": "string",
  "node": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "system_id": "string",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  }
}

```

Error

Status: Default

ONTAP Error Response Codes

Error Code	Description
2425734	An internal error occurred. Wait a few minutes, and try the operation again. For further assistance, contact technical support.

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	href	

_links

Name	Type	Description
self	href	

cluster

Name	Type	Description
_links	_links	
name	string	
uuid	string	

dr_auxiliary_cluster

DR AUX cluster.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

dr_auxiliary_partner

AUX partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

dr_partner

DR partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

dr_partner_cluster

DR partner cluster.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

ha_partner

HA partner node.

Name	Type	Description
_links	self_link	
name	string	
system_id	string	
uuid	string	

ha_partner_cluster

HA partner cluster.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

node

Name	Type	Description
_links	self_link	
name	string	
system_id	string	

Name	Type	Description
uuid	string	

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.

Copyright information

Copyright © 2025 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.