Manage configuration backups

REST API reference

NetApp
September 12, 2025

This PDF was generated from https://docs.netapp.com/us-en/ontap-restapi-9111/support_configuration-backup_backups_endpoint_overview.html on September 12, 2025. Always check docs.netapp.com for the latest.

Table of Contents

Manage configuration backups . . . 1
- Support configuration-backup backups endpoint overview . . . 1
  - Overview . . . 1
  - Examples . . . 1
- Retrieve configuration backup files . . . 5
  - Related ONTAP commands . . . 5
  - Parameters . . . 5
  - Response . . . 7
  - Error . . . 8
  - Definitions . . . 9
- Create a configuration backup . . . 11
  - Required properties . . . 12
  - Related ONTAP commands . . . 12
  - Parameters . . . 12
  - Request Body . . . 13
  - Response . . . 14
  - Error . . . 14
  - Definitions . . . 15
- Delete a configuration backup . . . 17
  - Related ONTAP commands . . . 18
  - Parameters . . . 18
  - Response . . . 18
  - Error . . . 18
  - Definitions . . . 19
- Retrieve configuration backup file details . . . 20
  - Related ONTAP commands . . . 20
  - Parameters . . . 20
  - Response . . . 20
  - Error . . . 21
  - Definitions . . . 22

Manage configuration backups

Support configuration-backup backups endpoint overview

Overview

This API supports creating, deleting and retrieving configuration backup files. Configuration backups can be 'cluster' or 'node' type. A 'cluster' backup contains cluster-wide configuration in addition to the configuration of each node in the cluster. A 'node' backup contains only node-specific configuration such as configuration files on the root volume and the boot variables. For creating a cluster backup, a cluster-wide job is queued. For creating a node backup, a private job local to the node is queued. In addition to the backups created using this API, ONTAP creates configuration backups automatically based on job schedules. This API supports creating configuration backups on demand only. It supports deleting and retrieving configuration backups that are created automatically or on demand. For information on configuration backup settings for automatically created backups, see DOC /support/configuration-backup

Examples

Retrieving a list of configuration backup files

```
# The API:
/api/support/configuration-backup/backups

# The call:
curl -X GET "https://<mgmt-ip>/api/support/configuration-backup/backups"
-H "accept: application/hal+json"

# The response:
{
"records": [
  {
    "node": {
      "uuid": "5cafe0f6-499f-11e9-b644-005056bbcf93",
      "name": "node1",
      "_links": {
        "self": {
          "href": "/api/cluster/nodes/5cafe0f6-499f-11e9-b644-
005056bbcf93"
        }
      }
    },
    "name": "backup1.7z",
    "_links": {
      "self": {
        "href": "/api/support/configuration-backup/backups/5cafe0f6-499f-
11e9-b644-005056bbcf93/backup1.7z"
      }
    }
  }
],
"num_records": 1,
"_links": {
  "self": {
    "href": "/api/support/configuration-backup/backups"
  }
}
}
```

Retrieving details of the specified configuration backup file

```
# The API:
/api/support/configuration-backup/backups/{node.uuid}/{name}

# The call:
curl -X GET "https://<mgmt-ip>/api/support/configuration-
backup/backups/bc2f15d0-8b93-11e9-90e9-005056bb6a30/backup1.7z" -H
"accept: application/hal+json"

# The response:
{
"node": {
  "uuid": "bc2f15d0-8b93-11e9-90e9-005056bb6a30",
  "name": "node1",
  "_links": {
    "self": {
      "href": "/api/cluster/nodes/bc2f15d0-8b93-11e9-90e9-005056bb6a30"
    }
  }
},
"name": "backup1.7z",
"type": "cluster",
"time": "2019-06-10T13:35:06-04:00",
"size": 6058408,
"backup_nodes": [
  {
    "name": "node1"
  },
  {
    "name": "node2"
  }
],
"version": "9.7.0",
"auto": false,
"download_link": "https://10.224.66.113/backups/backup1.7z",
"_links": {
  "self": {
    "href": "/api/support/configuration-backup/backups/bc2f15d0-8b93-11e9-
90e9-005056bb6a30/backup1.7z"
  }
}
}
```

Creating a configuration backup file

```
# The API:
/api/support/configuration-backup/backups

# The call:
curl -X POST "https://<mgmt-ip>/api/support/configuration-backup/backups"
-H "accept: application/hal+json" -d "@create_backup.txt"
create_backup.txt:
{
"node":
  {
    "uuid": "ac13c636-4fc9-11e9-94c2-005056bb2516",
    "name": "node1"
  },
"name": "backup3.7z"
}

# The response header:
HTTP/1.1 202 Accepted
Date: Tue, 26 Mar 2019 14:26:24 GMT
Server: libzapid-httpd
X-Content-Type-Options: nosniff
Cache-Control: no-cache,no-store,must-revalidate
Location: /api/support/configuration-backup/backups/ac13c636-4fc9-11e9-
94c2-005056bb2516/backup3.7z
Content-Length: 189
Content-Type: application/hal+json
{
"job": {
  "uuid": "22acfb68-4fd3-11e9-94c2-005056bb2516",
  "_links": {
    "self": {
      "href": "/api/cluster/jobs/22acfb68-4fd3-11e9-94c2-005056bb2516"
    }
  }
}
}
```

Deleting a configuration backup file

```
# The API:
/api/support/configuration-backup/backups/{node.uuid}/{name}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/support/configuration-
backup/backups/5cafe0f6-499f-11e9-b644-005056bbcf93/backup1.7z" -H
"content-type: application/json"

# The response header:
HTTP/1.1 200 OK
Date: Tue, 26 Mar 2019 14:32:23 GMT
Server: libzapid-httpd
X-Content-Type-Options: nosniff
Cache-Control: no-cache,no-store,must-revalidate
Content-Length: 3
Content-Type: application/hal+json
```

Retrieve configuration backup files

GET `/support/configuration-backup/backups`

Introduced In: 9.7

Retrieves a list of configuration backup files.

Related ONTAP commands

- `system configuration backup show`

Parameters

Name	Type	In	Required	Description
size	integer	query	False	Filter by size
time	string	query	False	Filter by time
name	string	query	False	Filter by name
version	string	query	False	Filter by version
download_link	string	query	False	Filter by download_link

Name	Type	In	Required	Description
type	string	query	False	Filter by type
auto	boolean	query	False	Filter by auto
node.uuid	string	query	False	Filter by node.uuid
node.name	string	query	False	Filter by node.name
backup_nodes.name	string	query	False	Filter by backup_nodes.name
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
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. • Default value: 1 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc
desc] direction. Default direction is 'asc' for ascending.	fields	array[string]	query	False

Response

```
Status: 200, Ok
```

Name	Type	Description
_links	_links	
num_records	integer	Number of records
records	array[configuration_backup_file]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "backup_nodes": [
        {
          "name": "string"
        }
      ],
      "download_link": "https://10.224.65.198/backups/backup_file.7z",
      "name": "backup_file.7z",
      "node": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "node1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "size": 4787563,
      "time": "2019-02-04T13:33:48-05:00",
      "type": "string",
      "version": "9.7.0"
    }
  ]
}
```


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	

_links

Name	Type	Description
next	href	
self	href	

backup_node

The node name in the backup.

Name	Type	Description
name	string	

_links

Name	Type	Description
self	href	

node

The node that owns the configuration backup.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

configuration_backup_file

The configuration backup file.

Name	Type	Description
auto	boolean	Indicates if the backup was created automatically.
backup_nodes	array[backup_node]	The list of nodes included in the backup.

Name	Type	Description
download_link	string	The link to download the backup file.
name	string	The backup name.
node	node	The node that owns the configuration backup.
size	integer	The size of the backup in bytes.
time	string	The backup creation time.
type	string	The backup type.
version	string	The software version.

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.

Create a configuration backup

POST `/support/configuration-backup/backups`

Introduced In: 9.7

Creates a configuration backup. The required backup file name must end with .7z extension.

Required properties

- `node.uuid` or `node.name` - The node UUID or node name on which the configuration backup will be created.
- `name` - The backup file name

Related ONTAP commands

- `system configuration backup create`

Parameters

Name	Type	In	Required	Description
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When doing a POST, PATCH, or DELETE operation on a single record, the default is 0 seconds. This means that if an asynchronous operation is started, the server immediately returns HTTP code 202 (Accepted) along with a link to the job. If a non-zero value is specified for POST, PATCH, or DELETE operations, ONTAP waits that length of time to see if the job completes so it can return something other than 202. • Default value: 1 • Max value: 120 • Min value: 0

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:

Request Body

Name	Type	Description
auto	boolean	Indicates if the backup was created automatically.
backup_nodes	array[backup_node]	The list of nodes included in the backup.
download_link	string	The link to download the backup file.
name	string	The backup name.
node	node	The node that owns the configuration backup.
size	integer	The size of the backup in bytes.
time	string	The backup creation time.
type	string	The backup type.
version	string	The software version.

Example request


```
{
  "backup_nodes": [
    {
      "name": "string"
    }
  ],
  "download_link": "https://10.224.65.198/backups/backup_file.7z",
  "name": "backup_file.7z",
  "node": {
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "size": 4787563,
  "time": "2019-02-04T13:33:48-05:00",
  "type": "string",
  "version": "9.7.0"
}
```


Response

```
Status: 202, Accepted
```

Name	Type	Description
job	job_link	

Example response


```
{
  "job": {
    "uuid": "string"
  }
}
```


Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
5963818	Failed to queue private job.
5963819	Failed to queue cluster job.
5963871	Requested backup name is missing .7z suffix.

Definitions

See Definitions

backup_node

The node name in the backup.

Name	Type	Description
name	string	

href

Name	Type	Description
href	string	

_links

node

The node that owns the configuration backup.

Name	Type	Description
_links	_links	
name	string	
uuid	string	

configuration_backup_file

The configuration backup file.

Name	Type	Description
auto	boolean	Indicates if the backup was created automatically.
backup_nodes	array[backup_node]	The list of nodes included in the backup.
download_link	string	The link to download the backup file.
name	string	The backup name.
node	node	The node that owns the configuration backup.
size	integer	The size of the backup in bytes.

Name	Type	Description
time	string	The backup creation time.
type	string	The backup type.
version	string	The software version.

job_link

Name	Type	Description
uuid	string	The UUID of the asynchronous job that is triggered by a POST, PATCH, or DELETE operation.

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.

Delete a configuration backup

DELETE `/support/configuration-backup/backups/{node.uuid}/{name}`

Introduced In: 9.7

Deletes a configuration backup.

Related ONTAP commands

- `system configuration backup delete`

Parameters

Name	Type	In	Required	Description
node.uuid	string	path	True	UUID of the node that owns the configuration backup.
name	string	path	True	Name of the configuration backup to be deleted.

Response

```
Status: 200, Ok
```

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
5963826	Failed to delete backup file.

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

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 configuration backup file details

GET `/support/configuration-backup/backups/{node.uuid}/{name}`

Introduced In: 9.7

Retrieves details of the specified configuration backup file.

Related ONTAP commands

- `system configuration backup show`

Parameters

Name	Type	In	Required	Description
node.uuid	string	path	True	UUID of the node that owns the configuration backup.
name	string	path	True	Name of the configuration backup.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
auto	boolean	Indicates if the backup was created automatically.
backup_nodes	array[backup_node]	The list of nodes included in the backup.
download_link	string	The link to download the backup file.
name	string	The backup name.
node	node	The node that owns the configuration backup.

Name	Type	Description
size	integer	The size of the backup in bytes.
time	string	The backup creation time.
type	string	The backup type.
version	string	The software version.

Example response


```
{
  "backup_nodes": [
    {
      "name": "string"
    }
  ],
  "download_link": "https://10.224.65.198/backups/backup_file.7z",
  "name": "backup_file.7z",
  "node": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "node1",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "size": 4787563,
  "time": "2019-02-04T13:33:48-05:00",
  "type": "string",
  "version": "9.7.0"
}
```


Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
5963777	Configuration backup file does not exist.

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

backup_node

The node name in the backup.

Name	Type	Description
name	string	

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

node

The node that owns the configuration backup.

Name	Type	Description
_links	_links	
name	string	
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

Name	Type	Description
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.