



RollbackToGroupSnapshot

Element Software

Michael Wallis
April 19, 2021

Table of Contents

- RollbackToGroupSnapshot 1
 - Parameters 1
 - Return values 2
 - Request example 3
 - Response example 3
 - New since version 5

RollbackToGroupSnapshot

You can use `RollbackToGroupSnapshot` to roll back all individual volumes in a snapshot group to each volume's individual snapshot.

Rolling back to a group snapshot creates a temporary snapshot of each volume within the group snapshot.



Creating a snapshot is allowed if cluster fullness is at stage 1, 2, or 3. Snapshots are not created when cluster fullness is at stage 4 or 5.

Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
<code>groupSnapshotID</code>	Unique ID of the group snapshot.	integer	None	Yes
<code>attributes</code>	List of name-value pairs in JSON object format.	JSON object	None	No
<code>name</code>	Name for the group snapshot of the volume's current state that is created if <code>saveCurrentState</code> is set to true. If you do not give a name, then the name of the snapshots (group and individual volume) are set to a timestamp of the time that the rollback occurred.	string	None	No

Name	Description	Type	Default value	Required
saveCurrentState	<p>Specifies whether to save the previous active volume image or not. Valid values:</p> <ul style="list-style-type: none"> • <code>true</code>: The previous active volume image is kept. • <code>false</code>: The previous active volume image is deleted. 	boolean	false	No

Return values

This method has the following return values:

Name	Description	Type
members	<p>An array containing volumeIDs and snapshotIDs of members of the group snapshot. Values:</p> <ul style="list-style-type: none"> • <code>checksum</code>: A small string representation of the data in the stored snapshot. This checksum can be used later to compare other snapshots to detect errors in the data. (string) • <code>snapshotID</code>: Unique ID of a snapshot from which the new snapshot is made. The snapshotID must be a snapshot on the given volume. (integer) • <code>volumeID</code>: The source volume ID for the snapshot. (integer) 	JSON object array
groupSnapshotID	<p>If <code>saveCurrentState</code> was set to <code>false</code>, this value is null.</p> <p>If <code>saveCurrentState</code> was set to <code>true</code>, the unique ID of the newly created group snapshot.</p>	integer

groupSnapshot	<p>If <code>saveCurrentState</code> was set to <code>false</code>, this value is null.</p> <p>If <code>saveCurrentState</code> was set to <code>true</code>, an object containing information about the group snapshot which <code>RollbackToGroupSnapshot</code> just rolled back to.</p>	groupSnapshot
---------------	--	-------------------------------

Request example

Requests for this method are similar to the following example:

```
{
  "id": 438,
  "method": "RollbackToGroupSnapshot",
  "params": {
    "groupSnapshotID": 1,
    "name": "grpsnap1",
    "saveCurrentState": true
  }
}
```

Response example

This method returns a response similar to the following example:

```

{
  "id": 438,
  "result": {
    "groupSnapshot": {
      "attributes": {},
      "createTime": "2016-04-06T17:27:17Z",
      "groupSnapshotID": 1,
      "groupSnapshotUUID": "468fe181-0002-4b1d-ae7f-8b2a5c171eee",
      "members": [
        {
          "attributes": {},
          "checksum": "0x0",
          "createTime": "2016-04-06T17:27:17Z",
          "enableRemoteReplication": false,
          "expirationReason": "None",
          "expirationTime": null,
          "groupID": 1,
          "groupSnapshotUUID": "468fe181-0002-4b1d-ae7f-8b2a5c171eee",
          "name": "2016-04-06T17:27:17Z",
          "snapshotID": 4,
          "snapshotUUID": "03563c5e-51c4-4e3b-a256-a4d0e6b7959d",
          "status": "done",
          "totalSize": 1000341504,
          "virtualVolumeID": null,
          "volumeID": 2
        }
      ],
      "name": "2016-04-06T17:27:17Z",
      "status": "done"
    },
    "groupSnapshotID": 3,
    "members": [
      {
        "checksum": "0x0",
        "snapshotID": 2,
        "snapshotUUID": "719b162c-e170-4d80-b4c7-1282ed88f4e1",
        "volumeID": 2
      }
    ]
  }
}

```

New since version

9.6

Copyright Information

Copyright © 2021 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.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

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.