



Restore resources using PowerShell cmdlets

SnapCenter Software

Nirupama Sriram, Archana
June 10, 2021

This PDF was generated from https://docs.netapp.com/us-en/snapcenter/protect-scc/task_restore_and_recover_resources_using_powershell_cmdlets_scc.html on June 18, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Restore resources using PowerShell cmdlets 1

Restore resources using PowerShell cmdlets

Restoring a resource backup includes initiating a connection session with the SnapCenter Server, listing the backups and retrieving backup information, and restoring a backup.

You must have prepared the PowerShell environment to execute the PowerShell cmdlets.

Steps

1. Initiate a connection session with the SnapCenter Server for a specified user by using the `Open-SmConnection` cmdlet.

```
Open-smconnection -SMSbaseurl https:\\snapctr.demo.netapp.com:8146/
```

2. Retrieve the information about the one or more backups that you want to restore by using the `Get-SmBackup` and `Get-SmBackupReport` cmdlets.

This example displays information about all available backups:

```
C:\PS>PS C:\> Get-SmBackup

      BackupId      BackupName
-----
BackupTime      BackupType
-----
1              Payroll Dataset_vise-f6_08... 8/4/2015
11:02:32 AM      Full Backup
2              Payroll Dataset_vise-f6_08... 8/4/2015
11:23:17 AM
```

This example displays detailed information about the backup from January 29th 2015 to February 3rd, 2015:

```

PS C:\> Get-SmBackupReport -FromDate "1/29/2015" -ToDate "2/3/2015"

SmBackupId          : 113
  SmJobId            : 2032
  StartDateTime       : 2/2/2015 6:57:03 AM
  EndDateTime         : 2/2/2015 6:57:11 AM
  Duration            : 00:00:07.3060000
  CreatedDateTime     : 2/2/2015 6:57:23 AM
  Status              : Completed
  ProtectionGroupName : Clone
  SmProtectionGroupId : 34
  PolicyName          : Vault
  SmPolicyId          : 18
  BackupName          : Clone_SCSPR0019366001_02-02-2015_06.57.08
  VerificationStatus  : NotVerified

SmBackupId          : 114
  SmJobId            : 2183
  StartDateTime       : 2/2/2015 1:02:41 PM
  EndDateTime         : 2/2/2015 1:02:38 PM
  Duration            : -00:00:03.2300000
  CreatedDateTime     : 2/2/2015 1:02:53 PM
  Status              : Completed
  ProtectionGroupName : Clone
  SmProtectionGroupId : 34
  PolicyName          : Vault
  SmPolicyId          : 18
  BackupName          : Clone_SCSPR0019366001_02-02-2015_13.02.45
  VerificationStatus  : NotVerified

```

3. Restore data from the backup by using the Restore-SmBackup cmdlet.

```

Restore-SmBackup -PluginCode 'DummyPlugin' -AppObjectId
'scc54.sscore.test.com\DummyPlugin\NTP\DB1' -BackupId 269
-Confirm:$false
output:
Name                : Restore
'scc54.sscore.test.com\DummyPlugin\NTP\DB1'
Id                  : 2368
StartTime           : 10/4/2016 11:22:02 PM
EndTime             :
IsCancellable       : False
IsRestartable       : False
IsCompleted         : False
IsVisible           : True
IsScheduled         : False
PercentageCompleted : 0
Description         :
Status              : Queued
Owner               :
Error               :
Priority            : None
Tasks               : {}
ParentJobID         : 0
EventId             : 0
JobTypeId           :
ApisJobKey          :
ObjectId            : 0
PluginCode          : NONE
PluginName          :

```

The information regarding the parameters that can be used with the cmdlet and their descriptions can be obtained by running *Get-Help command_name*. Alternatively, you can also refer to the [SnapCenter Software Cmdlet Reference Guide](#).

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.