



Restore Exchange resources using PowerShell cmdlets

SnapCenter Software

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Restore Exchange resources using PowerShell cmdlets

Restoring an Exchange database 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` cmdlet.

This example displays information about all available backups:

```
PS C:\> Get-SmBackup

BackupId      BackupName      BackupTime
-----
341           ResourceGroup_36304978_UTM... 12/8/2017
4:13:24 PM    Full Backup
342           ResourceGroup_36304978_UTM... 12/8/2017
4:16:23 PM    Full Backup
355           ResourceGroup_06140588_UTM... 12/8/2017
6:32:36 PM    Log Backup
356           ResourceGroup_06140588_UTM... 12/8/2017
6:36:20 PM    Full Backup
```

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

This example restores an up-to-the-minute backup:

```
C:\PS> Restore-SmBackup -PluginCode SCE -AppObjectId 'sce-w2k12-exch.sceqa.com\sce-w2k12-exch_DB_2' -BackupId 341 -IsRecoverMount:$true
```

This example restores a point-in-time backup:

```
C:\ PS> Restore-SmBackup -PluginCode SCE -AppObjectId 'sce-w2k12-exch.sceqa.com\sce-w2k12-exch_DB_2' -BackupId 341 -IsRecoverMount:$true -LogRestoreType ByTransactionLogs -LogCount 2
```

This example restores a backup on secondary storage to primary story:

```
C:\ PS> Restore-SmBackup -PluginCode 'SCE' -AppObjectId 'DB2' -BackupId 81 -IsRecoverMount:$true -Confirm:$false -archive @{Primary="paw_vs:vol1";Secondary="paw_vs:vol1_mirror"} -logrestoretype All
```

The `-archive` parameter enables you to specify the primary and secondary volumes you want to use for the restore.

The `-IsRecoverMount:$true` parameter enables you to mount the database after the restore.

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](#).

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