



Create a storage system connection and a credential using PowerShell cmdlets for SAP HANA database

SnapCenter Software

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June 14, 2021

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

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Create a storage system connection and a credential using PowerShell cmdlets for SAP HANA database

You must create a storage virtual machine (SVM) connection and a credential before using PowerShell cmdlets to back up, restore, or clone SAP HANA databases.

What you will need

- You should have prepared the PowerShell environment to execute the PowerShell cmdlets.
- You should have the required permissions in the Infrastructure Admin role to create storage connections.
- You should ensure that the plug-in installations are not in progress.

Host plug-in installations must not be in progress while adding a storage system connection because the host cache might not be updated and databases status might be displayed in the SnapCenter GUI as “Not available for backup” or “Not on NetApp storage”.

- Storage system names should be unique.

SnapCenter does not support multiple storage systems with the same name on different clusters. Each storage system that is supported by SnapCenter should have a unique name and a unique data LIF IP address.

Steps

1. Initiate a PowerShell connection session by using the Open-SmConnection cmdlet.

```
PS C:\> Open-SmStorageConnection
```

2. Create a new connection to the storage system by using the Add-SmStorageConnection cmdlet.

```
PS C:\> Add-SmStorageConnection -Storage test_vs1 -Protocol Https  
-Timeout 60
```

3. Create a new credential by using the Add-SmCredential cmdlet.

This example shows how to create a new credential named FinanceAdmin with Windows credentials:

```
PS C:> Add-SmCredential -Name FinanceAdmin -AuthMode Windows  
-Credential sddev\administrator
```

4. Add the SAP HANA communication host to SnapCenter Server.

```
PS C:> Add-SmHost -HostName 10.232.204.61 -OSType Windows -RunAsName FinanceAdmin -PluginCode hana
```

5. Install the package and the SnapCenter Plug-in for SAP HANA Database on the host.

For Linux:

```
PS C:> Install-SmHostPackage -HostNames 10.232.204.61 -ApplicationCode hana hana
```

For Windows:

```
Install-SmHostPackage -HostNames 10.232.204.61 -ApplicationCode hana -FileSystemCode scw -RunAsName FinanceAdmin
```

6. Set the path to the HDBSQL client.

For Windows:

```
PS C:> Set-SmConfigSettings -Plugin -HostName 10.232.204.61 -PluginCode hana -configSettings @{"HANA_HDBSQL_CMD" = "C:\Program Files\sap\hdbclient\hdbsql.exe"}
```

For Linux:

```
Set-SmConfigSettings -Plugin -HostName scs-hana.gdl.englab.netapp.com -PluginCode hana -configSettings @{"HANA_HDBSQL_CMD"="/usr/sap/hdbclient/hdbsql"}
```

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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