



PARTNER

SAP BTP Data-to-Value Hands-on Exercise Series

DV140 Exercise02 – Connecting SAP HANA Cloud to SAP Data Warehouse Cloud

This document will guide you step by step on the process of connecting SAP HANA Cloud (bookshop solution data) with SAP Data Warehouse Cloud

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DISCLAIMER

All functionality presented here is subject to change and may be changed by SAP at any time for any reason without notice.

OBJECTIVE

The objective of this exercise is to guide you through how you can connect SAP HANA Cloud system to SAP Data Warehouse Cloud.

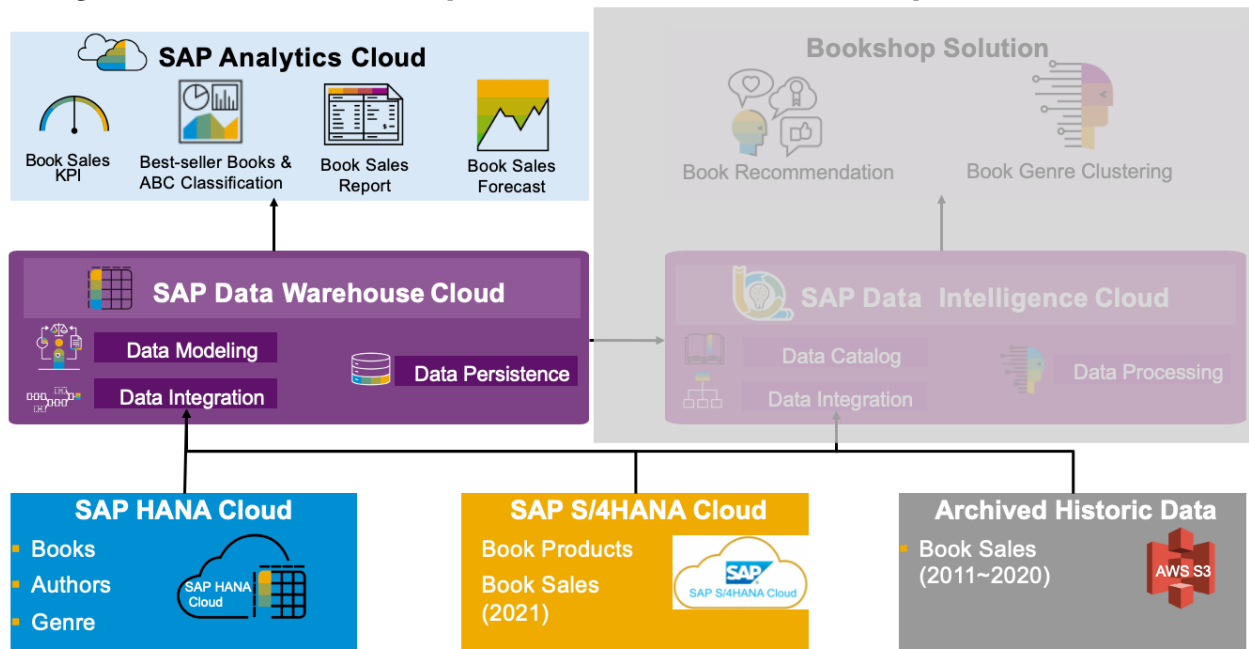
SCENARIO

Per our bookshop storyline is made of 3 data sources:

- The live book sales data (2021~present) is available in SAP S/4HANA Cloud.
- The archived historic book sales data (2011~2020) resides in Amazon S3 bucket.
- The bookshop solution data locates on SAP HANA Cloud.

SAP Data Warehouse cloud will be used to bring the book sales data together from different sources and provide a uniform, harmonized data set for analysis. In this exercise we will cover how to connect SAP HANA Cloud system (bookshop solution data) to SAP Data Warehouse Cloud.

Storyline about a bookshop for Data-to-Value workshop



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ENVIRONMENT ACCESS

Before the exercise, please obtain the Tenant details and Login Credentials of SAP Data Warehouse Cloud and SAP HANA Cloud provided to you as instruction below.

SAP Data Warehouse Cloud (To login SAP Data Warehouse Cloud, and perform the [exercise steps](#))

- Tenant URL
- Username: Your assigned User ID
- Password: Your assigned User Password

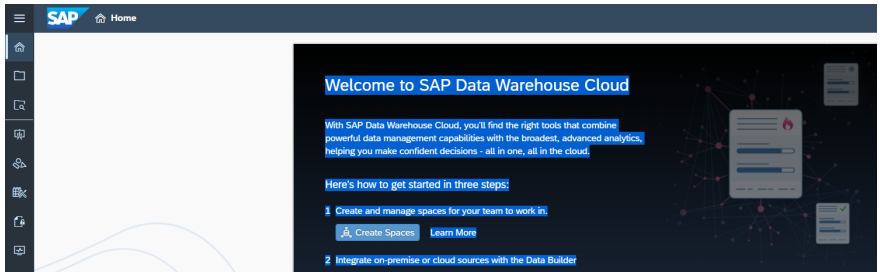
SAP HANA Cloud (Connection details to be used in the [exercise steps](#) below. Not for Application UI access)

- Host (SQL Endpoint)
- Port
- Username: Your assigned User ID
- Password: Your assigned User Password

For the Bootcamp participants, please use the SAP Data Warehouse tenant and SAP HANA Cloud tenant provided by SAP, and your assigned user id and password.

- The SAP Data Warehouse cloud tenant URL is available in the dedicated Microsoft Teams > General (Channel) > System Access (Tab) > SAP Data Warehouse Cloud (Section), which you have been invited.
- The connection details (Host and Port) of SAP HANA Cloud demo tenant are available in the dedicated Microsoft Teams > General (Channel) > System Access (Tab) > SAP HANA Cloud(section)
- Your assigned user id and password for both SAP Data Warehouse Cloud and SAP HANA Cloud are communicated individually via email.

EXERCISE STEP DETAILS

Explanation	Screenshot
<p>Log on to SAP DATA Warehouse Cloud tenant with your assigned User ID and Password mentioned above.</p> <p>Get to the Home Screen.</p>	

Explanation

Click on the Space Management



Screenshot

Welcome to SAP Data Warehouse Cloud

With SAP Data Warehouse Cloud, you'll find the right tools that combine powerful data management capabilities with the broadest, advanced analytics, helping you make confident decisions - all in one, all in the cloud.

Here's how to get started in three steps:

- 1 Create and manage spaces for your team to work in. [Create Spaces](#) [Learn More](#)
- 2 Integrate on-premise or cloud sources with the Data Builder. [Build Data](#) [Learn More](#)
- 3 Bring your data to life using the powerful Story Builder. [Build a Story](#) [Learn More](#)

[Show Less](#)

SAP Data Warehouse Cloud Resources

SAP Data Warehouse Cloud - How to Create a Slowly Changing Dimension
Richard Thomas | 12 minutes ago
My name is Richard Thomas, I have been an EIM (Enterprise Information Management) Consultant at NTT DATA Business Solutions for over 10 years and I have been using SAP DWC (Data Warehouse Cloud) for the...

The Space Management Screen opens. Click on your allocated space.

For the bootcamp participants, the space id as your assigned user id.

DEMO
DEMO
Active

In-Memory Acceleration
50 %

Used Disk (0 Byte of 2 GB)

Used In-Memory (0 Byte of 1 GB)

4 3

Systems opens your Space. In the space click on Connections tab.

DEMO

Overview Workload Class Members Database Access **Connections** Time Data Auditing

General Settings


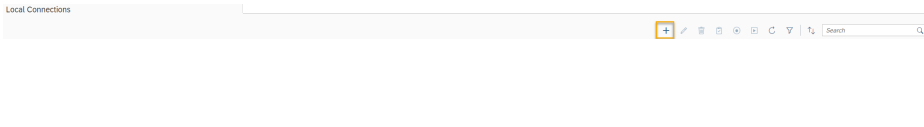
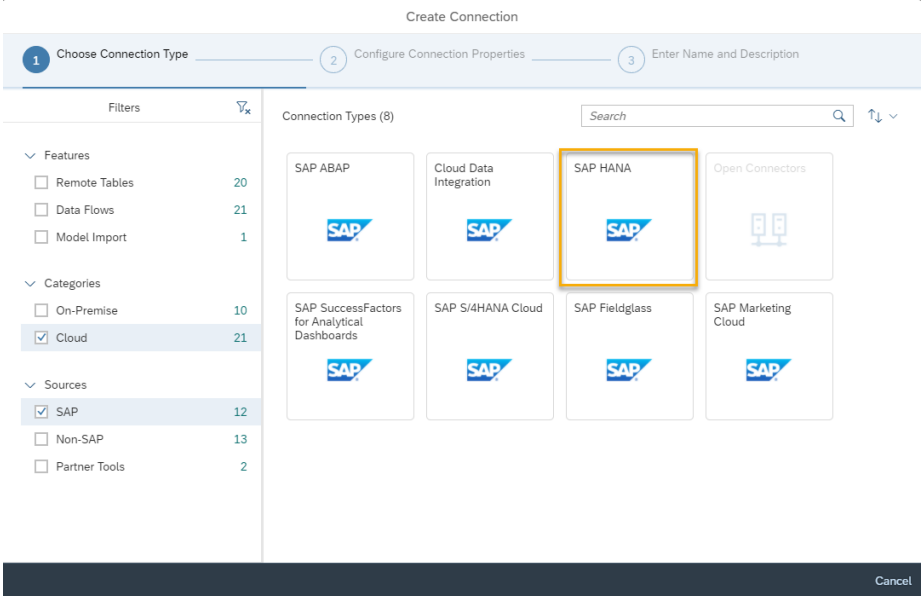
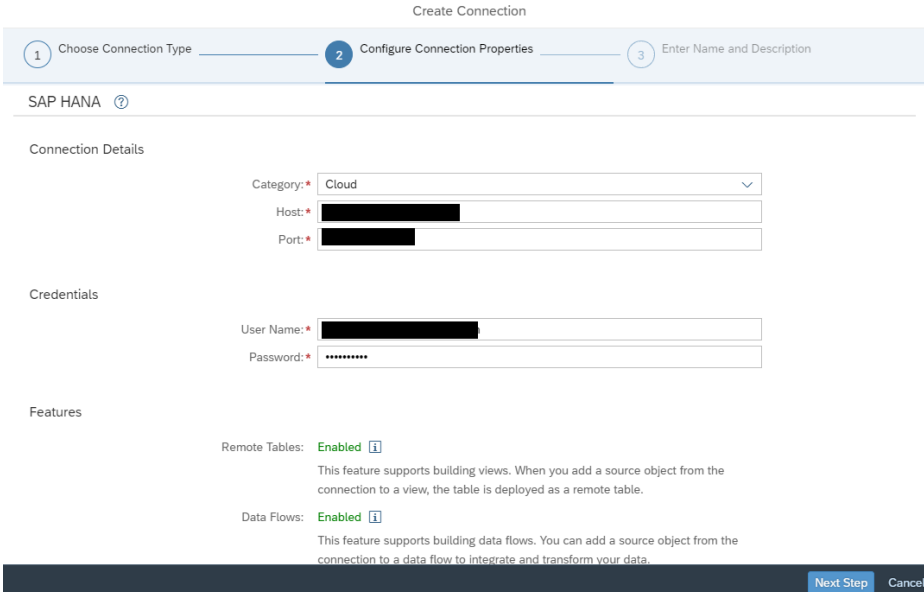
Space ID: DEMO Space Name: DEMO Space Status: Active Space Type: SAP Data Warehouse Cloud

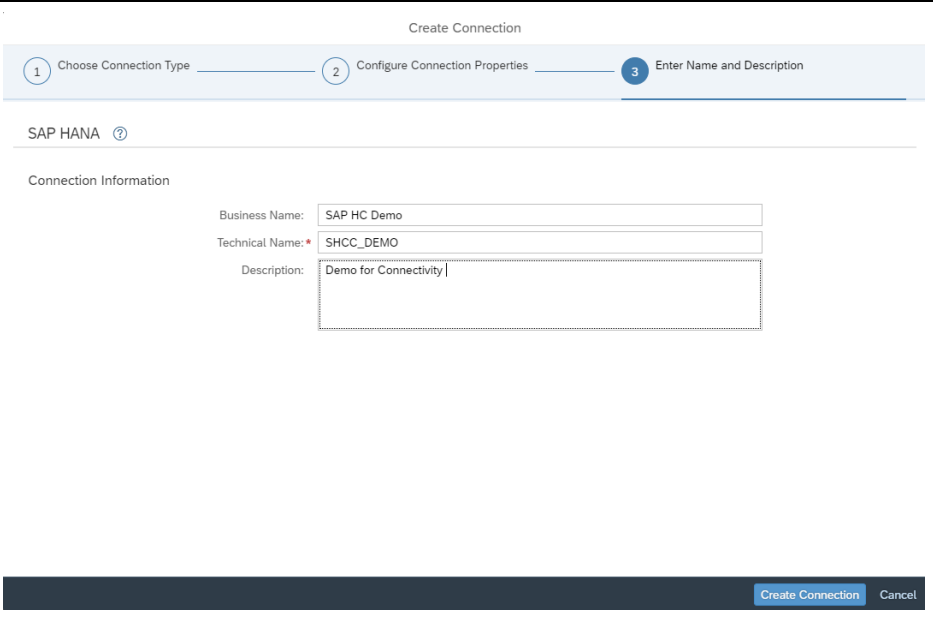

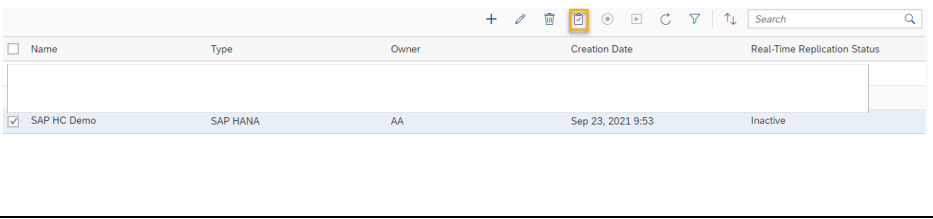
Created By: Ashish Atiwadekar (AA) Created On: Aug 27, 2021 12:56 Deployment Status: Not Deployed Deployed On: Not Available

Storage Assignment:

☒ Enable Space Quota

Disk (GB): 2.0 In-Memory (GB): 1.0 In-Memory Acceleration: 50 %

Explanation	Screenshot
<p>In the Local Connections section click  to add a new connection</p>	
<p>The Create Connection Screen opens. In the Create Connection Screen, apply the filters as below:</p> <ul style="list-style-type: none"> Filter “Categories” by “Cloud” Filter “Sources” by “SAP” <p>and select “SAP HANA Cloud” in the filtered list as connection type</p>	
<p>Provide the following connection details in the Create Connection Screen</p> <p>Category: Cloud Host: Port: 443 User Name: <Your User ID> Password: <Your User Pwd></p> <p>All the connection details are provided in the ENVIRONMENT ACCESS section in the beginning of this exercise.</p>	

Explanation	Screenshot
<p>In the next screen provide, - Technical Name as HANACLOUD_<USERID></p> <p>Please assure to follow the naming conversion here, replace <USER_ID> with your assigned user id.</p> <p>-Business Name will be auto generated based on technical name</p> <p>-Description as <i>SAP HANA Cloud Connection for user <USER_ID></i></p> <p>And click Create Connection</p>	
<p>The new connection will be added to the Connection list. Select the connection just created, and click Validate Connection </p>	
<p>Check the Connection Status.</p> <p>As a result, the connection of SAP HANA Cloud demo tenant is ready in SAP Data Warehouse Cloud.</p>	