



PARTNER

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

DV150 Exercise03 – Connecting Amazon S3 to SAP Data Intelligence Cloud

This document will guide you step by step on the process of connecting Amazon S3 (archived historic book sales data) with SAP Data Intelligence Cloud

THE BEST RUN



www.sap.com/contactsap

© 2018 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. See www.sap.com/copyright for additional trademark information and notices.

THE BEST RUN



Table of Contents

DISCLAIMER 4

OBJECTIVE 4

SCENARIO 4

ENVIRONMENT ACCESS 5

EXERCISE STEP DETAILS 5

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 to connect Amazon S3 system with SAP Data Intelligence Cloud.

This document is aimed for 'beginner' level.

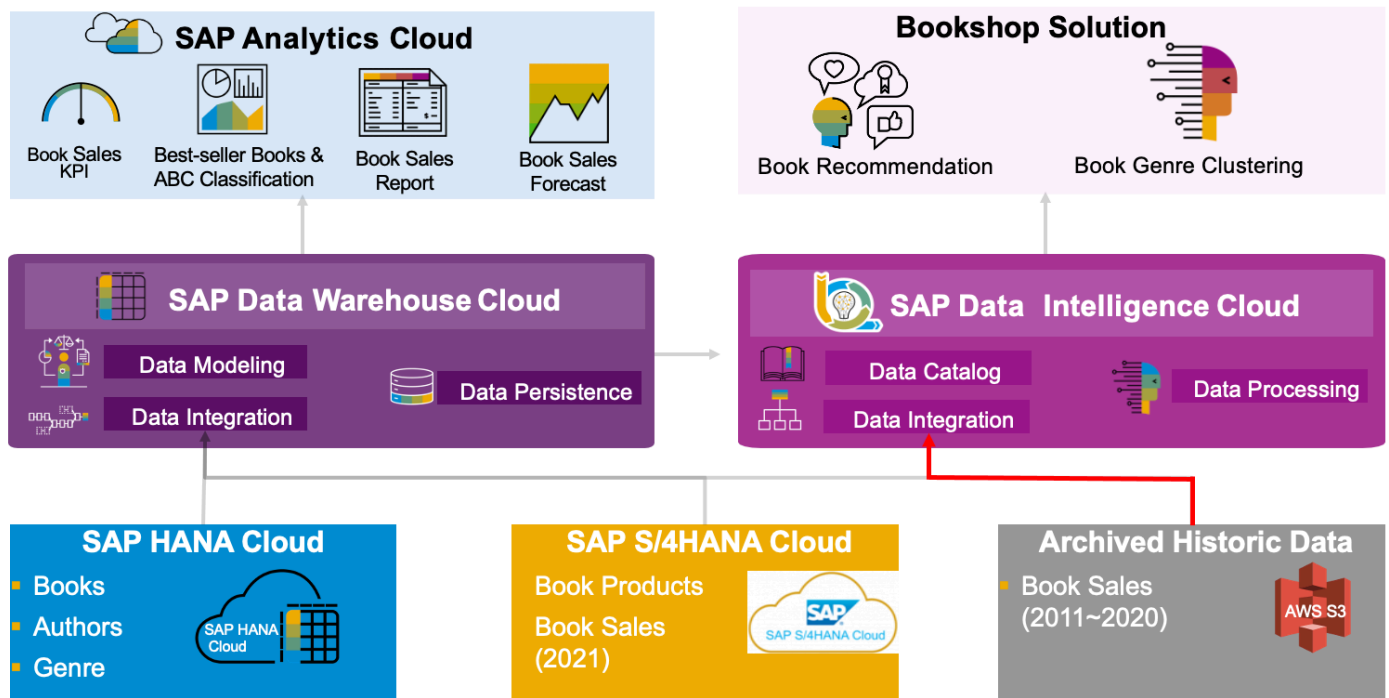
SCENARIO

Per our bookshop storyline there are 3 data sources:

- The live book sales data (2020~2021) is available in SAP S/4HANA Cloud.
- The archived historical book sales data (2011~2019) resides in Amazon S3 bucket.
- The bookshop solution data locates on SAP HANA Cloud.

SAP Data Intelligence cloud will be used to bring the book sales data together from different sources with data pipelines, orchestrate and operationalize the machine learning scenarios. In this exercise, we will cover how to connect Amazon S3 system to SAP Data Intelligence Cloud.

Storyline about a bookshop for Data-to-Value workshop



© 2021 SAP SE or an SAP affiliate company. All rights reserved. | PUBLIC

ENVIRONMENT ACCESS

Before proceeding with the exercise, please obtain the Tenant details and Login Credentials of SAP Data Intelligence Cloud and Amazon S3 provided to you as instruction below.

SAP Data Intelligence Cloud (to login SAP Data Intelligence Cloud and perform the exercise):

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

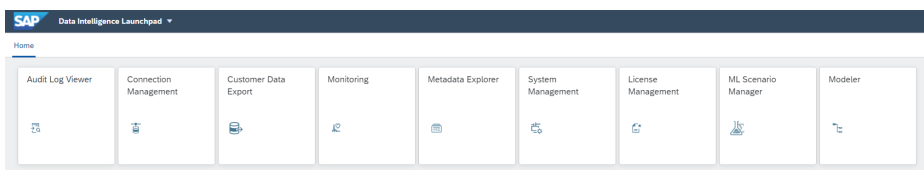
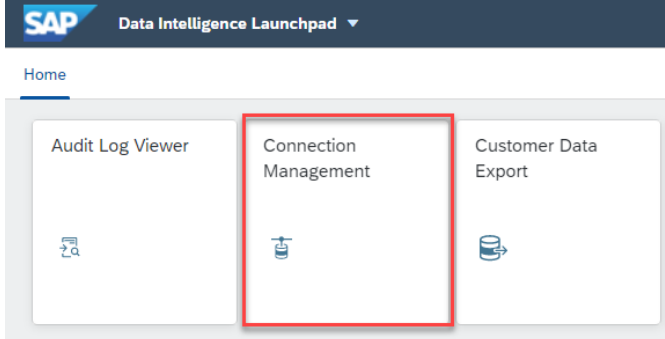
Amazon S3 (connection details to be used to create a connection of Amazon S3 in the [exercise steps](#) below):


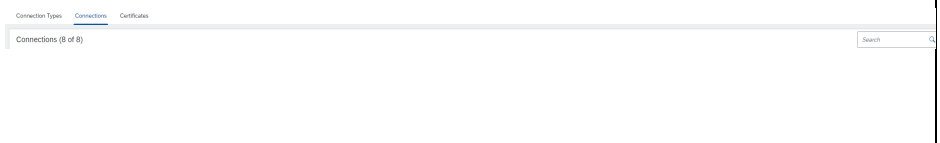
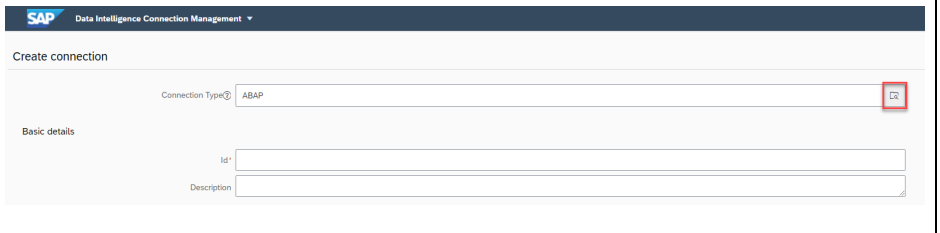
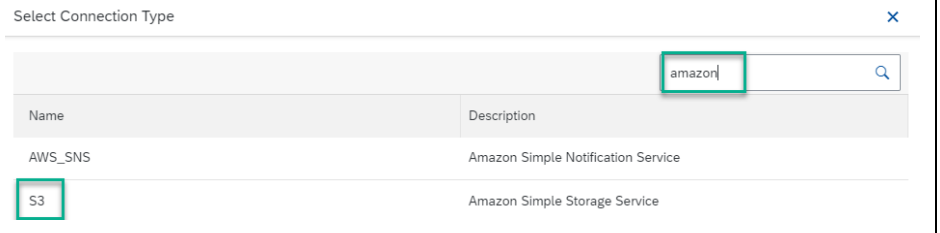
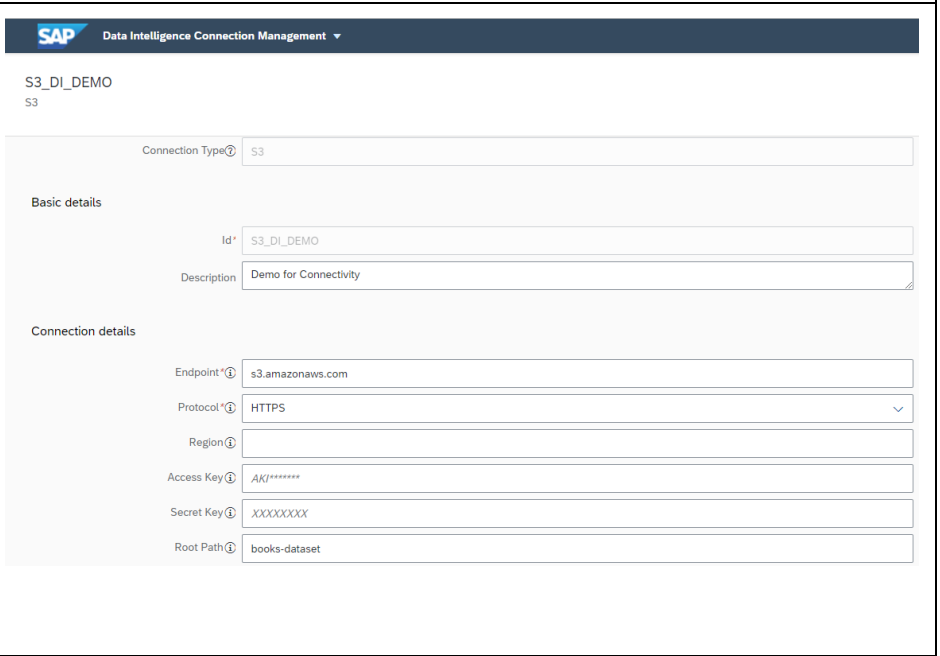
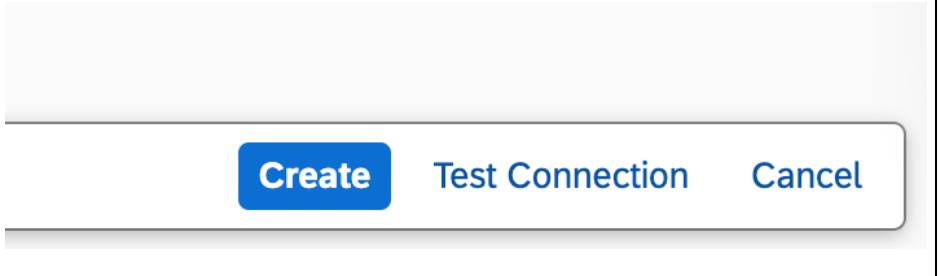

- Endpoint
- Root Path
- Access Key
- Secret Key


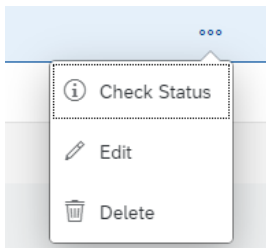
For the Bootcamp participants, please use the SAP Data Intelligence Cloud tenant and Amazon S3 system provided by SAP, as well as your assigned user id and password:

- The SAP Data Intelligence cloud tenant URL is available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > SAP Data Intelligence Cloud (Section)**, which you have been invited.
 - Your assigned user id and password for SAP Data Intelligence Cloud are communicated individually via email.
- The connection details of Amazon S3 is available in the dedicated **Microsoft Teams > General (Channel) > System Access (Tab) > Amazon S3 (Section)**, which you have been invited.

EXERCISE STEP DETAILS

Explanation	Screenshot
Log on SAP Data Intelligence Cloud with the given tenant URL and assigned user credential mentioned above	
Go to the Home screen.	
Click on the Connection Management Tile.	

Explanation	Screenshot
In the next screen on the Connections tab, click  to add a connection.	
Select the Search option.	
Filter by Amazon and Select S3.	
<p>In the next screen, enter the required details:</p> <p>-ID: S3_<USERID>.</p> <p>Please, assure to follow the naming convention for the connection id here, replace <USER_ID> with your assigned user id.</p> <p>-Endpoint:</p> <p>-Access Key:</p> <p>-Secret Key:</p> <p>-Root Path:</p> <p>All the connection details are provided in the <u>ENVIRONMENT ACCESS</u> section in the beginning of this exercise.</p>	
Click Test Connection and assure the connection is valid.	
Click Create to create the connection.	

Explanation	Screenshot
<p>On the main page you see the connection just created, select it, click , and click Check the Status.</p>	
<p>Check the Status. It should popup an OK message.</p> <p>As a result, the connection of Amazon S3 is ready in SAP Data Intelligence Cloud.</p>	