TechEd 2020 – DT267 Workshop Exercise
Quick Start Guide for Setting up the Trial System

SAP TECHED

Introduction

This document outlines how to bring up your own SAP S/4HANA trial system using the SAP Cloud Appliance Library (SAP CAL) for the **"SAP TechEd2020 - DT267 Workshop - SAP Fiori for SAP S/4HANA - Rapid Activation and Content Management"**.

An appliance is a preconfigured system image that can be deployed as your dedicated system in a cloud provider account owned by your company (i.e. the underlying hardware is located in the cloud but the system is not shared with other customers).
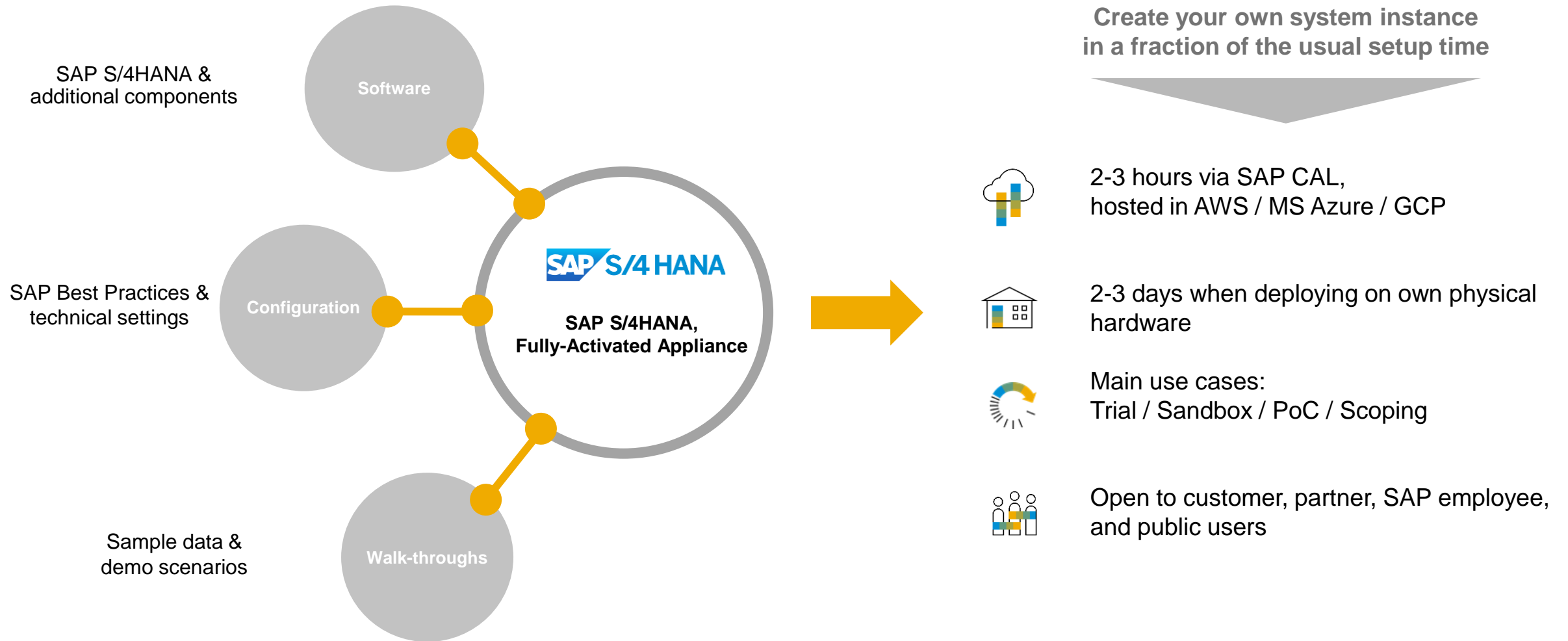
A deployment of the trial system image on your own on-premise hardware is also possible (the last slide in this deck has more information).

Note:
The screenshots in this document might not always show the latest release version of the trial but the principle is the same for all releases.

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Trial system is based on the SAP S/4HANA Fully Activated Appliance

SAP S/4HANA & additional components

Software

SAP Best Practices & technical settings

Configuration

Sample data & demo scenarios

Walk-throughs

SAP S/4 HANA

SAP S/4HANA, Fully-Activated Appliance

Create your own system instance in a fraction of the usual setup time

2-3 hours via SAP CAL, hosted in AWS / MS Azure / GCP

2-3 days when deploying on own physical hardware

Main use cases: Trial / Sandbox / PoC / Scoping

Open to customer, partner, SAP employee, and public users

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Your ways to Implement the Exercise Trial System

Cloud provider account at AWS / Azure / GCP existing <u>and</u> CAL account existing?

Start Step-by-Step procedure with **Step 4**

Cloud provider account at AWS / Azure / GCP existing?

Start Step-by-Step procedure with **Step 1**

No Cloud provider account existing?

Start Step-by-Step procedure with **Prerequisite**

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Start your Exercise Instance Step-by-Step

Get a cloud provider account at AWS/ Azure / GCP
- Prerequisite

Register on cal.sap.com
- Step 1 - 3

Create your personal S/4HANA system instance
- Step 4 - 6

Review & manage your instance
- Step 7 & 8

Access your instance
- Step 9
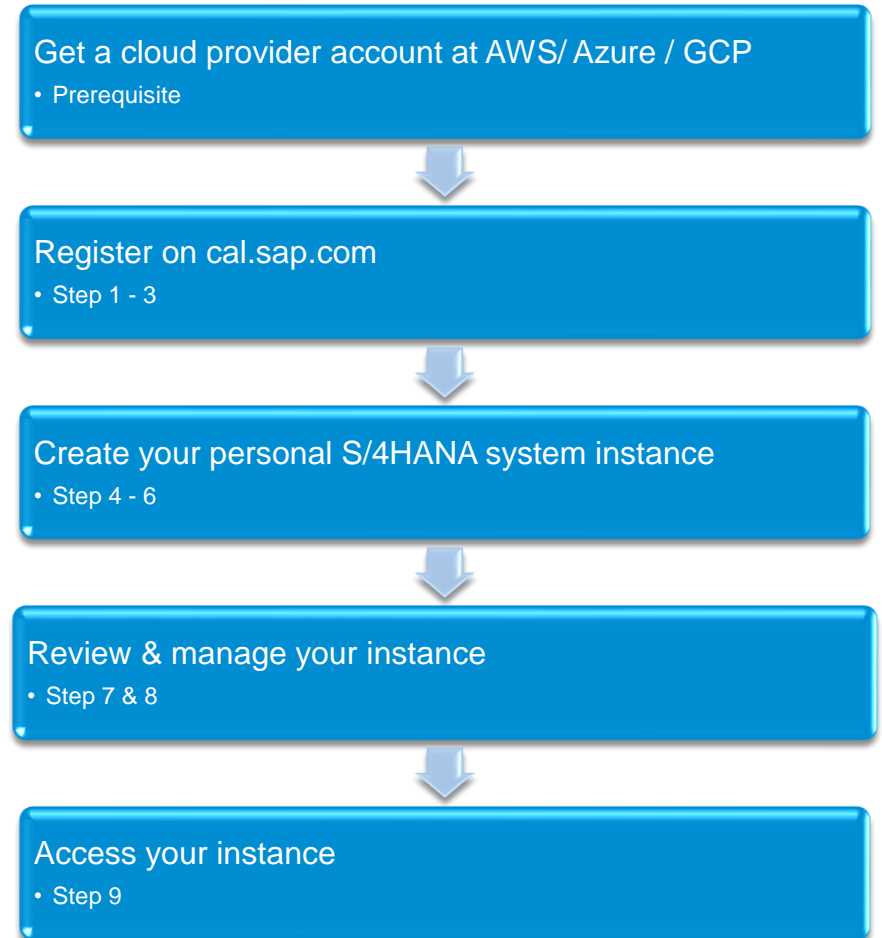
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Prerequisite: Obtain an account for Amazon AWS or Microsoft Azure or Google Cloud Platform

Prerequisite:

– Your own an account at Amazon AWS (EC2), Microsoft Azure*, or Google Cloud Platform (GCP)

 o Register at http://aws.amazon.com / http://azure.microsoft.com / https://cloud.google.com

 o Details steps per provider in SAP CAL Video Playlist or SAP CAL on sap.com

– Have the credentials of your AWS / Azure / GCP account at hand for the next step
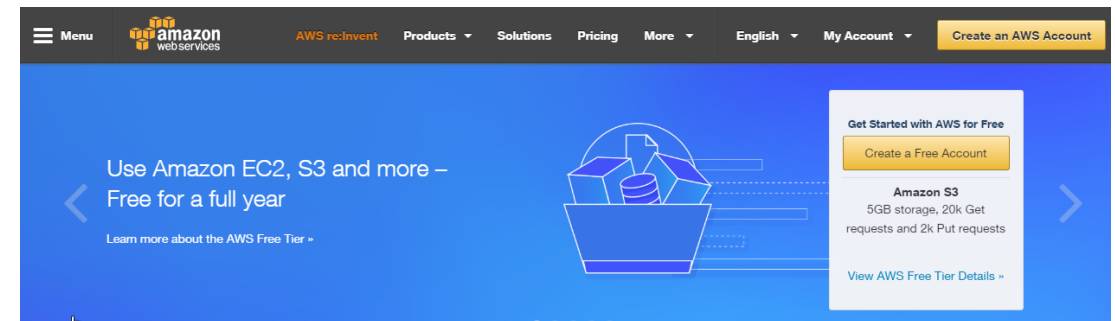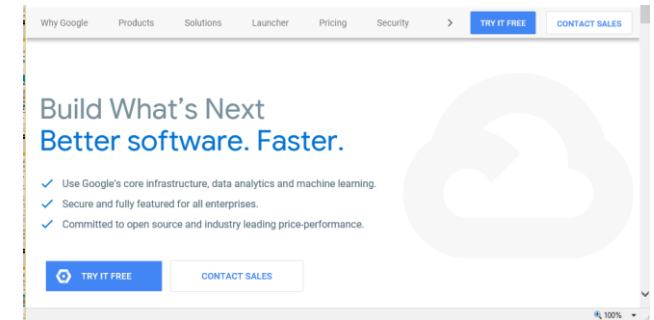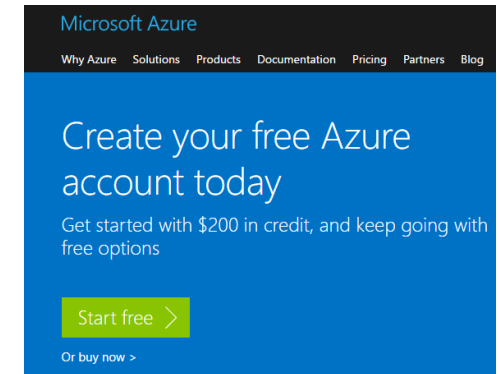
*Azure Classic subscriptions are not supported, please use Azure Resource Manager.

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Start the creation of your personal exercise instance
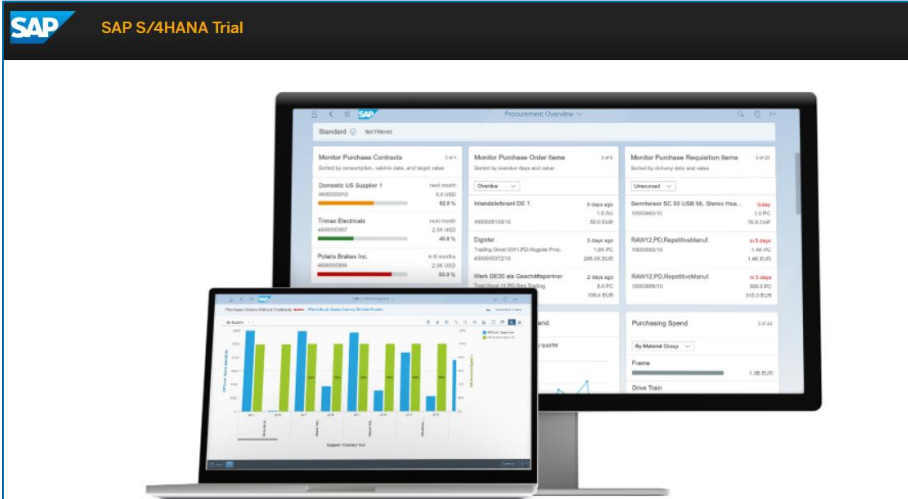
Step 1

– Go to the trial landing page
http://go.sap.com/cmp/oth/crm-s4hana/s4hana-on-premise.html

– Choose *Start your 30-day trial*

Links on this page contain further information:
- Quick Start Guide (the one you're reading right now)
- Demo Walkthrough for the practical sample scenarios
- Overview blog of the appliance

https://www.sap.com/cmp/oth/crm-s4hana/s4hana-on-premise-trial.html

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Log on to SAP Cloud Appliance Library (SAP CAL)

Step 2

– You will get to the home screen of the SAP Cloud Appliance Library (SAP CAL)

– *Register* yourself as a new user (free of charge) for SAP CAL or *log on* with an existing SAP CAL user name/password

Background note: SAP CAL is the 'bridge' between SAP software and the AWS/Azure/GCP hosting environment.
In the next steps, we will use SAP CAL to make a connection between these two worlds.

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Accept Terms and Conditions for the 30-day trial period

Step 3

- After you entered your user credentials and logged on you will be presented with the Terms and Conditions. Scroll down to read.
- Choose *I Accept*.
- Important: The 30-day trial period starts when you accept the Terms and Conditions (and not when you create your first instance)
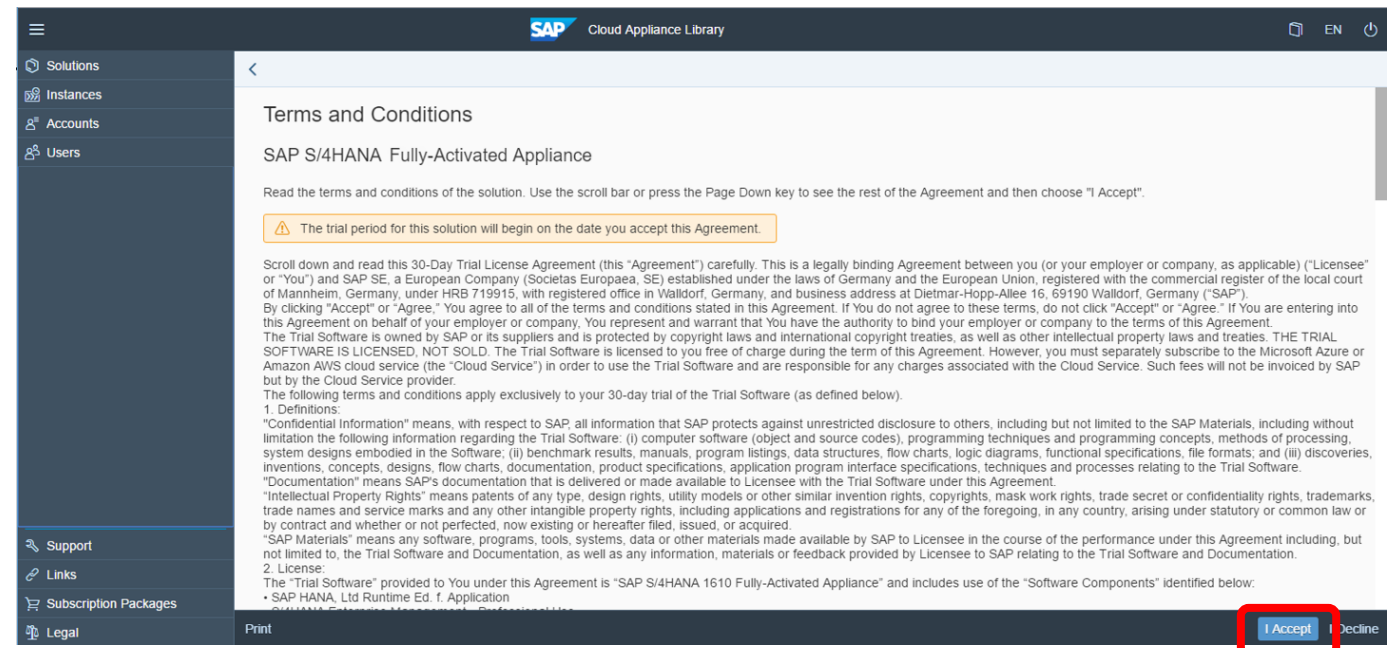
TechEd 2020 – DT267 Workshop Exercise
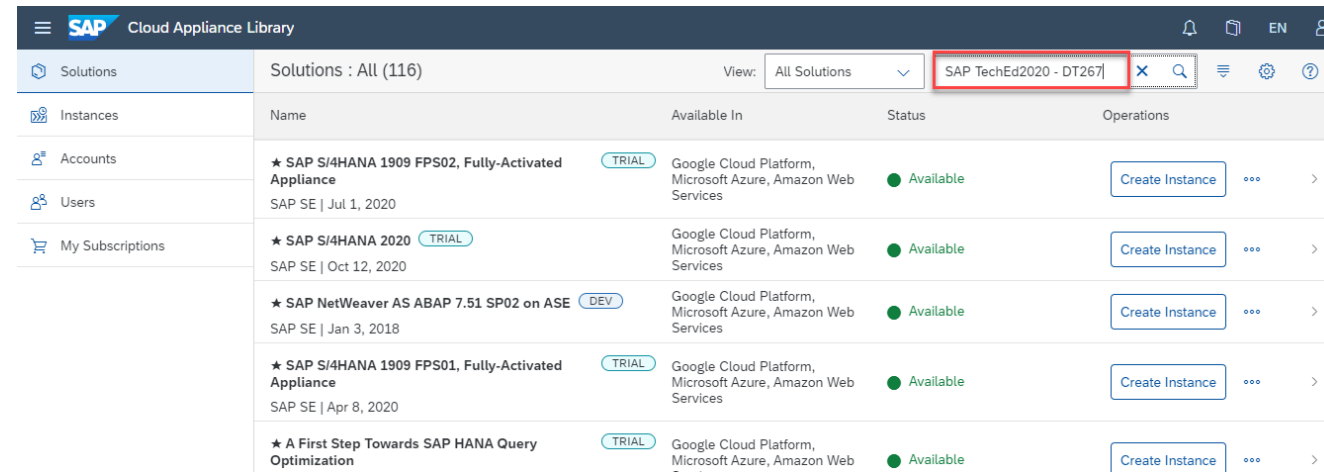## Select your workshop exercise solution

Step 4

Step 4

In the *SAP Cloud Appliance Library Solutions* page you have to
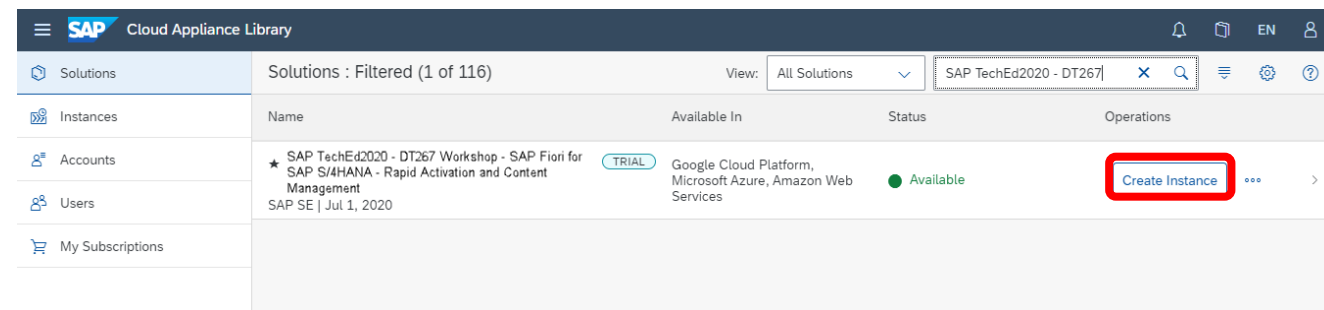
- – Search for '***SAP TechEd2020 – DT267***'
  or only '***DT267***'

- – Click ***Create Instance*** (note – *if you need static IP addresses for your system, choose Advanced Mode)*

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Enter your AWS/Azure/GCP account and create your personal SAP S/4HANA system

Step 4

In the *SAP Cloud Appliance Library Instance Creation* page you have to specify your cloud provider account (see step 1)

– Click '*Create a new account*' (or click 'existing account' if you already have entered a cloud provider account before)
  o Enter a name and description for the cloud provider account
  o Choose your Cloud Provider (this slide takes AWS as example)
  o Enter credentials / certificates (as obtained from your cloud provider)
  o *Test Connection* lets you verify the credentials

– Enter *Instance Details* (this will become your personal S/4HANA system)
  o *Name* of the instance (this will show up in the CAL console)
  o The data center *region* where you would like the appliance to be hosted (typically close to you)

– Define the master *password* for your appliance (this will be assigned to various administrator users e.g. HANA SYSTEM user, or remote desktop Administrator)

– Click **Create** (*note – if you need static IP addresses for your system, choose Advanced Mode*)

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Notes on cost forecast

Step 4 (additional information):

Remarks on next 30 days cost forecast:
- An initial cost estimation for the hosting costs is displayed, based on the recommended default sizing of the appliance (see earlier in this presentation).

- This contains an per-active-hour component and a monthly flat fee for disc storage

- Important: This is a cost estimation, <u>not a guaranteed price offer</u>.
  Please make sure that you understand the cost calculation of your cloud provider:
  - AWS: https://calculator.aws/#/
  - Azure: https://azure.microsoft.com/en-us/pricing/calculator/
  - GCP: https://cloud.google.com/products/calculator/

- In the Advanced Mode for the instance creation, you can enhance the sizing of the different virtual machines, and opt-out of the BI Platform or the Remote Desktop which will save some costs (opt-out can not be undone).

Solution

SAP TechEd2020 - DT267 Workshop - SAP Fiori for SAP S/4HANA - Rapid Activation and Content Management

Account

My AWS account
Amazon Web Services

Cost Forecast

Disclaimer

USD 3.47 per hour when Active
USD 87.20 per month when Suspended

⚠ Note that you will be charged by the cloud provider for this solution instance and its associated storage.

To reduce additional costs, your instance will be suspended after 8 hours.

All virtual machines for this solution will be activated. If you do not use all virtual machines, go to the Advanced Mode to deselect them.

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Download private key for the instance (only needed for backend Linux operating system access)

Step 5

Step 5

- When prompted for the private key, choose *Store*
  - Note: The private key is a small .PEM text file and it is only needed in case you want to access the Linux operating system of the trial landscape (see [here](#) for instructions)
  - If you store the key within CAL in this step, you can download it later from CAL
  - If you download the key in this step, you can not store it again within CAL but have to keep it stored locally on your computer (potentially encrypted with a password).

- The system will now be created in your AWS/Azure/GCP account. Time for this may vary depending on provider, region and current system load
  (~ 2 hours should suffice in most cases).

- You may access the remote desktop earlier but creation of the SAP S/4HANA system will take longer than the remote desktop creation (so even if you can enter the remote desktop already, the SAP S/4HANA system might not be responding yet).

- In general, the initial clicks in the system will be slow (until caches are pre-filled), as for all newly brought up SAP systems.

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Instance is ready in *Instances* tab

Step 6

– After the deployment time your system is ready for logon.
– Clicking on the instance name lets you view the details of the instance (see steps 7&8)
– The *Connect* button provides direct logon access to
  o Remote Desktop
  o SAP GUI
  o BI Launchpad
  o SAP NetWeaver administrator (JAVA)
– Fiori Launchpad access works either via Remote Desktop (see step 9)

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IP addresses for instance connection & further settings

Step 7

– On the **General Properties tab of the details page** you can see the IP addresses of the instance components
  o SAP S/4HANA (ABAP)
  o SAP NW JAVA with Adobe Document Services
  o Windows Remote Desktop

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Controlling and administering your instance

Step 8

– On the instance overview page you can control your instance

  o *Suspend* creates a snapshot of the current instance state and puts the instance into a sleep mode (takes ~5-10 minutes). This will save hosting costs since the hosting providers will only charge a small fee for system storage.
  By default, the solution will automatically be suspended after 8 hours. Use "Schedule Configuration" in the details page to define your own 'uptime' schedule

  o *Activate*: Once the appliance is suspended, an Activate button will appear in the UI that lets you wake up the instance again (takes ~10-15 minutes). Data and state of the instance at the time of 'Suspend' are preserved.

  o *Terminate* will erase the instance. This action can not be undone, however, you can create a new instance if you terminated an instance accidentally. Select the '*Termination Protection*' checkbox to avoid accidental termination of the instance

  o For further control options, please see the SAP CAL documentation

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System connection via Windows remote desktop

Step 9a: Connecting to system via Windows Remote Desktop

– Click on Connect to display the access links to the system

– Click on 'RDP / Windows Remote Desktop' to use the <u>embedded remote desktop</u>
  → Continue with step 9b.

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System connection via Windows remote desktop

Step 9b: Log on to Windows Remote Desktop

– Confirm the pop-up window to allow Remote Desktop Connection

– The user for the remote desktop is 'Administrator' with your \<master password\>
that you set in step 4

Note:

Depending on your local computer domain settings, you might need to use "More choices → Use a different account → *\<IP address of remote desktop\>*\Administrator" as user (e.g. for the screenshot on this slide it would be *10.79.6.0\Administrator)*
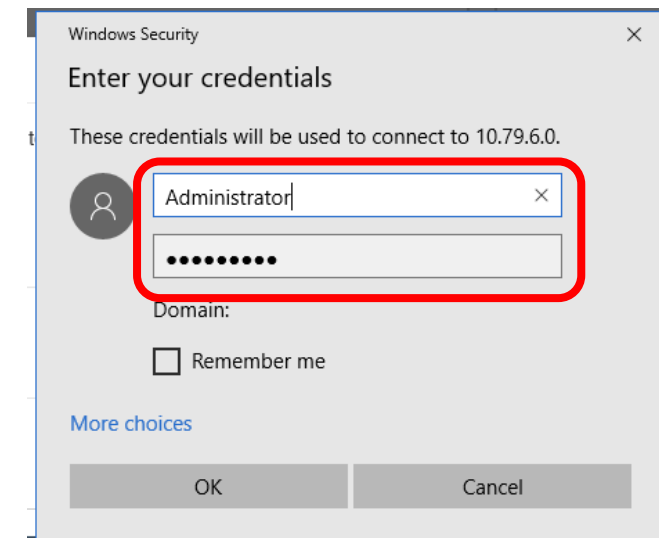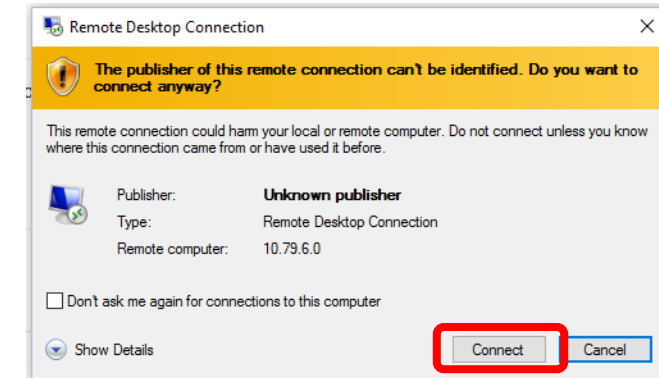
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System connection via Windows remote desktop

Step 9c: ´Start working on Windows remote desktop

– You are now in the pre-configured Windows remote desktop

– The Welcome page (icon up left on remote desktop) lists a Fiori Launchpad URL and the user FIORIADMIN for running the exercise scenario.

– See the section "Access to your Exercise Document" to get the exercise document from a GitHub account.

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Running the appliance as trial for a 30-day period

This solution can be used with a 30-day free trial license agreement (during this period, you only need to bear the hosting fees of your cloud provider). You will be asked to agree to the agreement during the instantiation steps.

During the instantiation, the SAP system will generate a temporary license key that is enough for exploration purposes. After the expiration of the pre-installed temporary license a valid license is required to keep using the solution instance.

Note that you are not allowed to install license keys under the free trial license agreement.

If you want to run the exercise beyond the free 30-day trial period, you can make use of the solution "SAP S/4HANA 2020, Fully-Activated Appliance".

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Exercise Support

GitHub account during TechEd

- o For your requests of comments please use the issue function in <u>teched2020-DT267</u>

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