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 **TechEd DT267- workshop exercise "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).
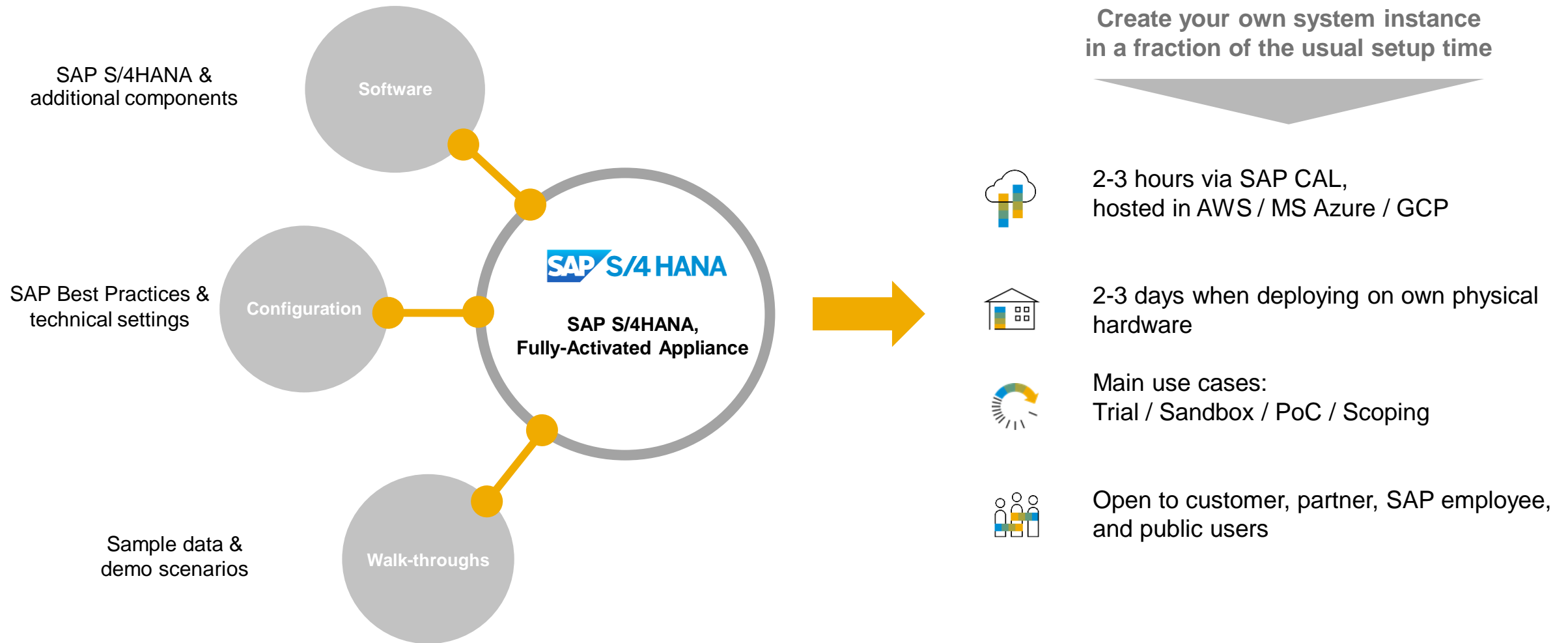
A deployment of the trial system image on your own on-premise hardware is also possible (the last slide in this deck has more information).

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

SAP S/4 HANA

SAP S/4HANA, Fully-Activated Appliance

Sample data & demo scenarios

Walk-throughs

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
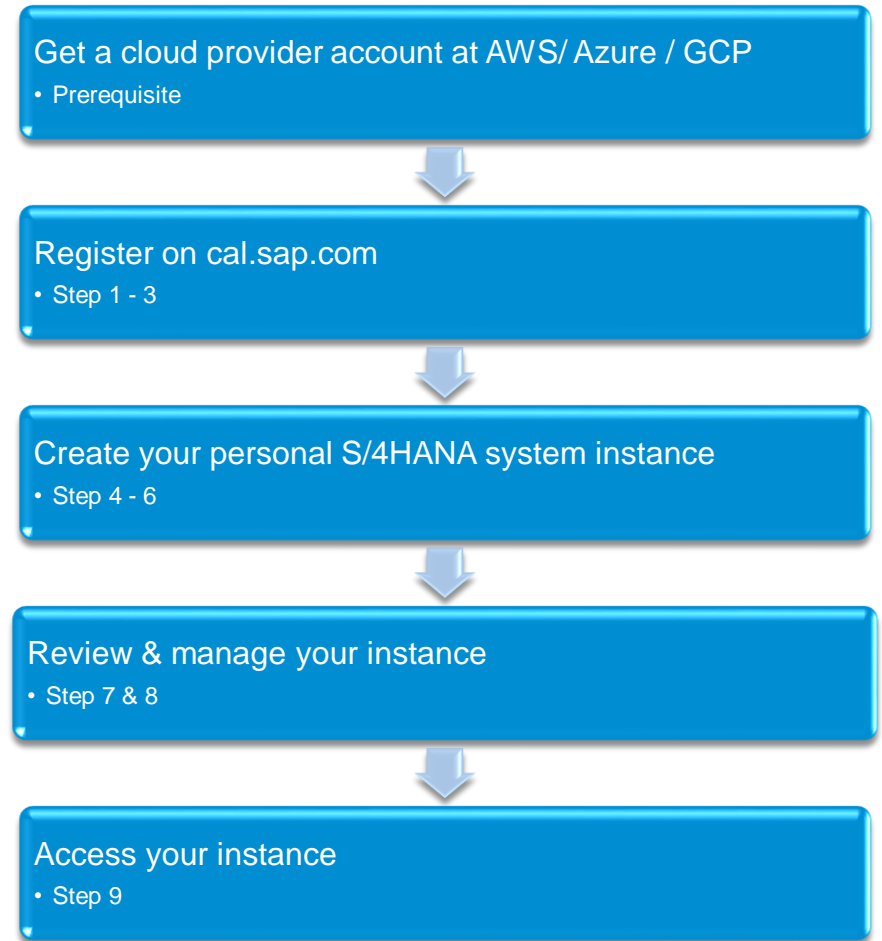
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Prerequisite: Obtain an account for Amazon AWS or Microsoft Azure or Google Cloud Platform

Prerequisite:

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

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

    - 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
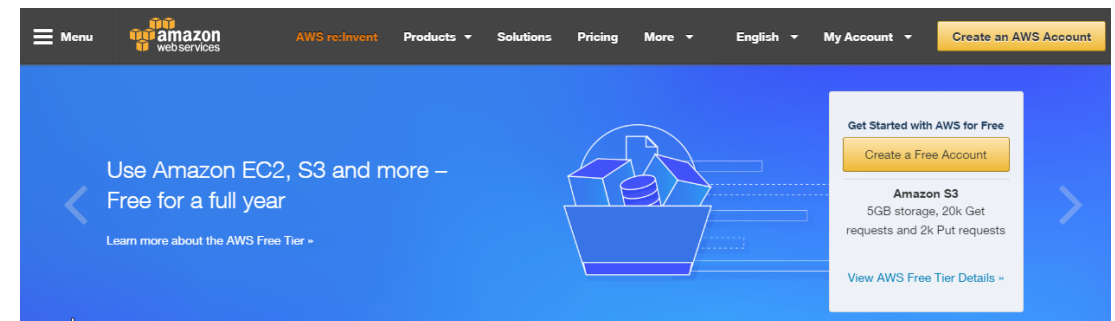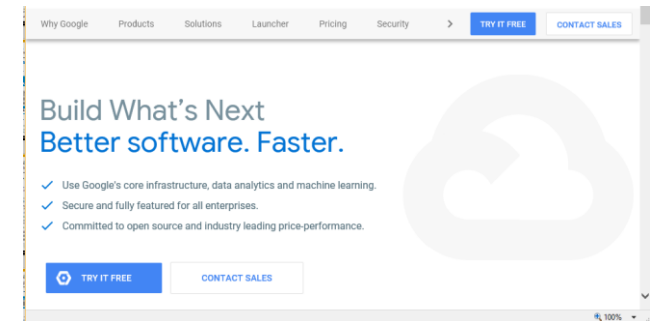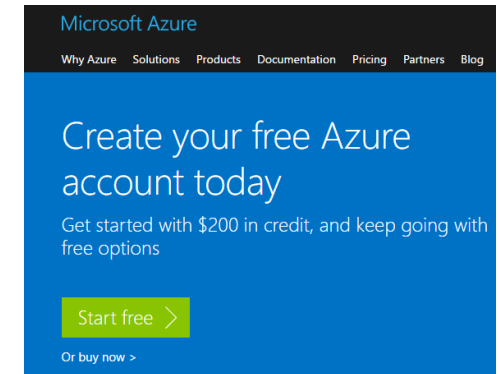
*Azure Classic subscriptions are not supported, please use Azure Resource Manager.

TechEd DT267- Workshop exercise
Start the creation of your personal exercise instance
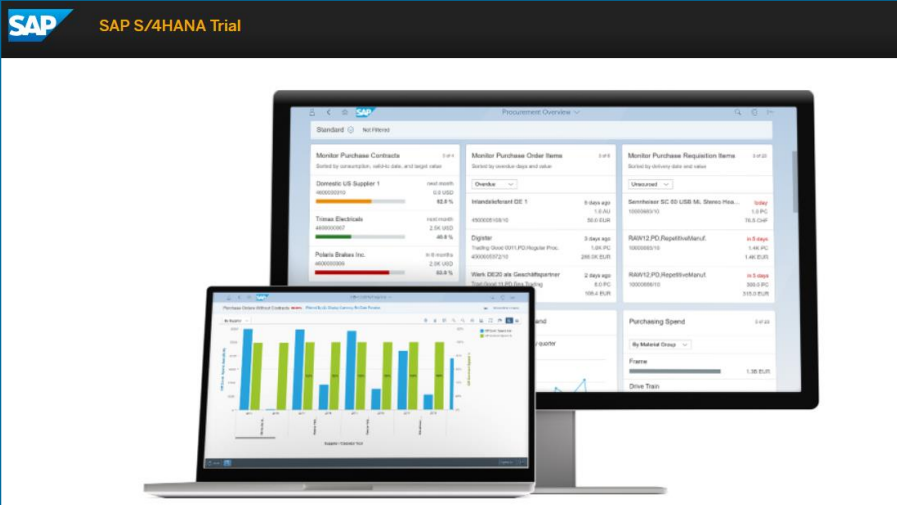
Step 1

– 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

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*.
- <u>Important:</u> The 30-day trial period starts when you accept the Terms and Conditions (and not when you create your first instance)
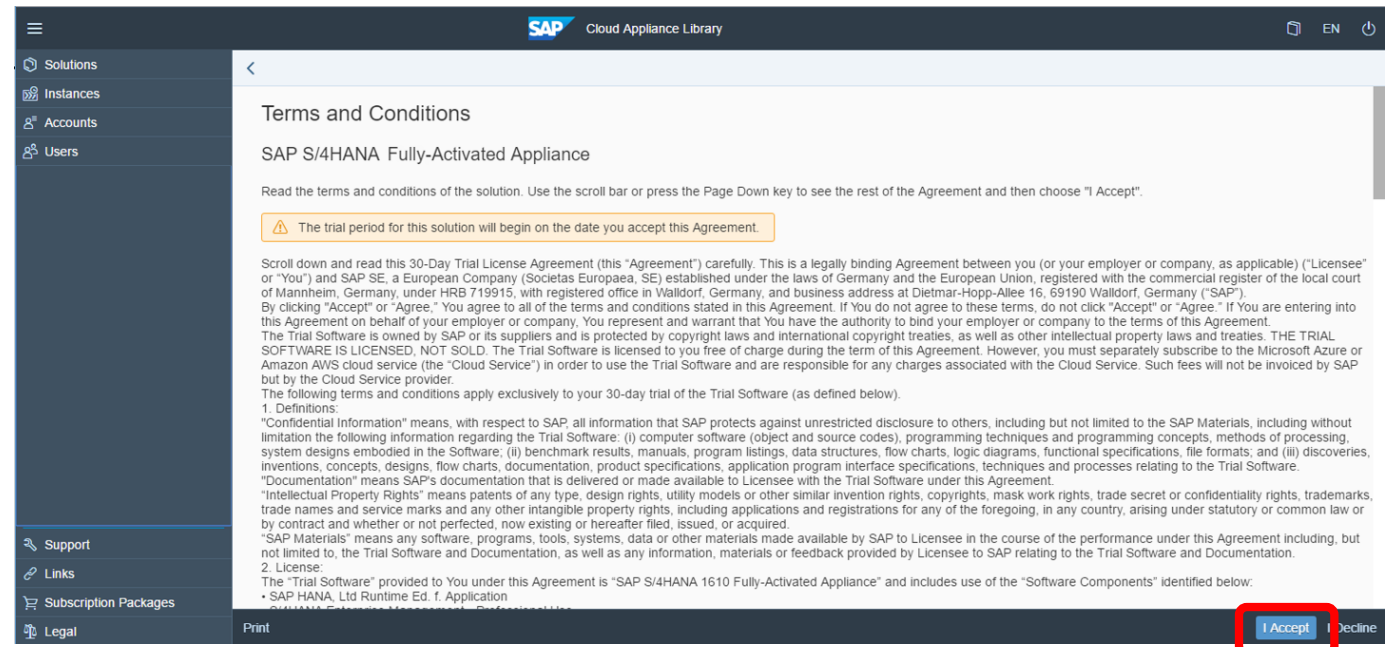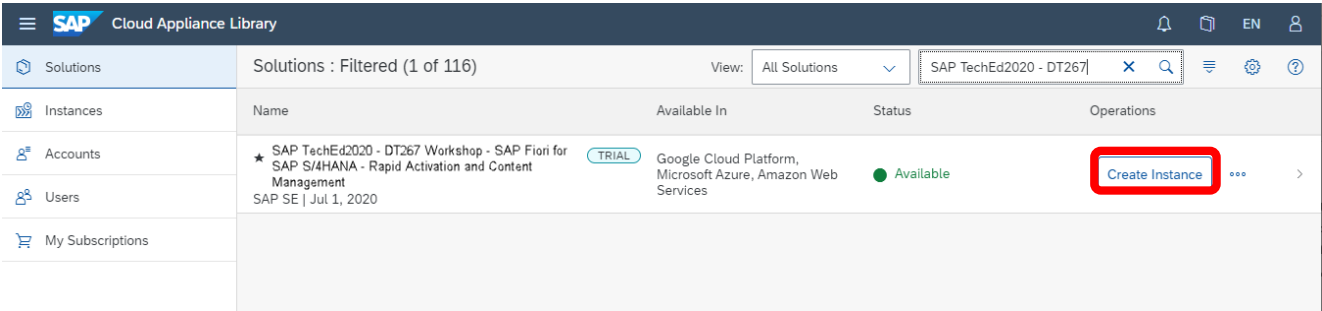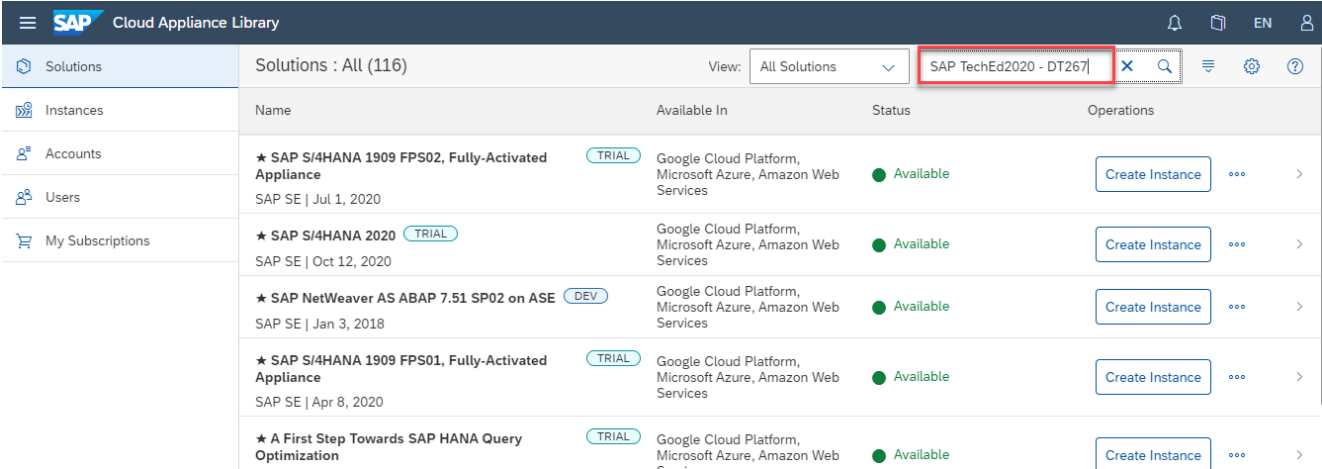
TechEd DT267- Workshop Exercise
Select your workshop exercise solution

Step 4

In the *SAP Cloud Appliance Library Solutions* page you have to

– Search for '***SAP TechEd2020 – DT267***'

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

TechEd DT267- Workshop Exercise
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)
  - Enter a name and description for the cloud provider account
  - Choose your Cloud Provider (this slide takes AWS as example)
  - Enter credentials / certificates (as obtained from your cloud provider)
  - *Test Connection* lets you verify the credentials
- Enter *Instance Details* (this will become your personal S/4HANA system)
  - *Name* of the instance (this will show up in the CAL console)
  - 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, not a guaranteed price offer.
   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

– 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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TechEd DT267- Workshop Exercise
Instance is ready in *Instances* tab

Step 6

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
  - ▫ Remote Desktop
  - ▫ SAP GUI
  - ▫ BI Launchpad
  - ▫ SAP NetWeaver administrator (JAVA)
- – Fiori Launchpad access works either via Remote Desktop (see step 9) or via local browser after hosts file mapping (see step 10)

SAP S/4HANA Fully-Activated Appliance: TechEd DT267-HandsOn exercise
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

  □ SAP S/4HANA (ABAP)
  □ SAP NW JAVA with Adobe Document Services
  □ Windows Remote Desktop
  □ SAP BusinessObjects BI platform

– When you choose to connect to the instance without using the dedicated *Connect* button (see step 6), you will need to use the **external** IP addresses in step 10 (Click on More to see them all). The internal IP addresses are only needed in case of troubleshooting.

SAP S/4HANA Fully-Activated Appliance: TechEd DT267-HandsOn exercise
Controlling and administering your instance

Step 8

– On the instance overview page you can control your instance

- *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
- *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.
- *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
- For further control options, please see the SAP CAL documentation

SAP S/4HANA Fully-Activated Appliance: TechEd DT267-HandsOn exercise
System connection via Windows remote desktop

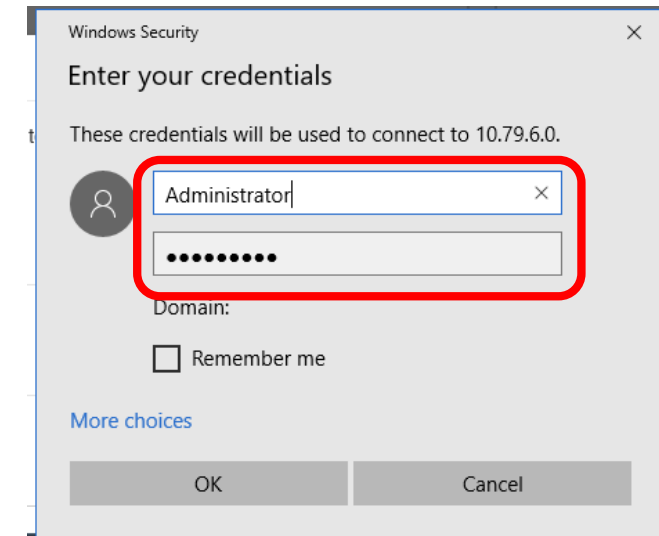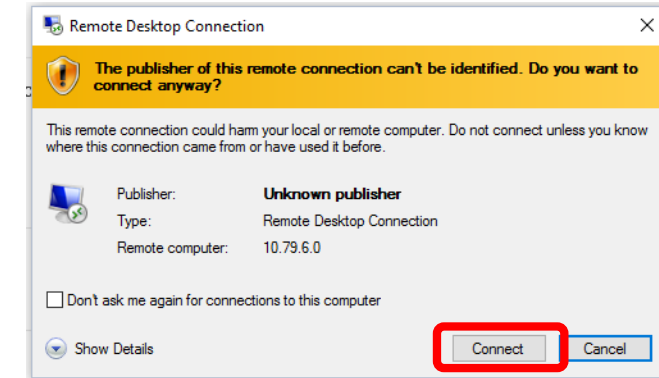**Step 9a: Connecting to system via Windows Remote Desktop**

- Click on *Connect* to display the access links to the system

- Click on 'RDP / Windows Remote Desktop' if you would like to use the <u>embedded remote desktop </u>(recommended for first steps with the appliance, however, you might have some latency due to network connectivity).
→ In that case, continue with step 9b.

- You can also use a browser or SAP Logon on <u>your local computer </u>(a bit more effort to set up but often better network latency).
→ In that case, continue with step 10

SAP S/4HANA Fully-Activated Appliance: TechEd DT267-HandsOn exercise
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)*

SAP S/4HANA Fully-Activated Appliance: TechEd DT267-HandsOn exercise
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 down left on remote desktop) lists Fiori Launchpad URLs and users for running the exercise scenario

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

Further Information

SAP Community Blogs

- Overview: https://blogs.sap.com/?p=727457

Support for the 30-day trial

- Problems ? Check the known issues blog, browse the SAP Community for SAP CAL , or directly ask a question.

- Note: The community provides voluntary support by SAP colleagues and peers from partners/customers.
No guaranteed response times or service level agreements can be stated

Want to extend your trial beyond 30 days (SAP customers / partners only) ?

- Acquire a monthly subscription for SAP CAL (see How to acquire an SAP CAL subscription. or direct purchase in SAP Store)

- Acquire the needed SAP S/4HANA product licenses via your SAP representative or as SAP S/4HANA 90-day trial in SAP Store

Want to deploy the trial in your own data center ?

- See SAP Note 2041140 how to obtain the system image via download or Blu-Ray disks

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