

Collaborative Database Development in SAP HANA Cloud, SAP HANA Database

Preparation Reader

GET STARTED

WELCOME	3
1. SIGN UP FOR TRIAL	4
BASIC INFORMATION ABOUT THE SAP HANA CLOUD TRIAL	4
SIGN UP FOR A NEW TRIAL ACCOUNT	4
ADD SAP HANA CLOUD TO AN EXISTING BTP TRIAL ACCOUNT	7
GET TO KNOW SAP BTP COCKPIT	9
2. PROVISIONING	11
PROVISIONING YOUR INSTANCE	11
STARTING YOUR INSTANCE	14
ACCESSING TOOLS TO WORK WITH SAP HANA CLOUD, HANA DATABASE	16
3. SUBSCRIBE TO SAP BUSINESS APPLICATION STUDIO	18
ACCESSING SAP BUSINESS APPLICATION STUDIO	18
4. CREATE A GITHUB ACCOUNT	21

<https://community.sap.com/topics/hana-cloud>

© 2021 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.

Service names mentioned are the trademarks of their respective companies. See www.sap.com/copyright for additional trademark information and notices.

WELCOME

Join this SAP HANA Cloud Workshop to learn from experts and follow along live using your own SAP HANA Cloud (trial) account.

Learn in this workshop how database development in SAP HANA Cloud and SAP Business Application Studio can be done collaboratively. You will get to know basic HDI concepts, ways to manage changing data structures and how to create template projects that others in your organization can easily use and modify.

Here is what you need to prepare before the workshop starts to be able to follow along:

1. [Sign up](#) for the free SAP HANA Cloud trial.
2. Provision an instance of SAP HANA Cloud, SAP HANA database and make sure it is running.
3. Subscribe to the free SAP Business Application Studio trial.
4. Create a free account on www.github.com to use the required sample data.

The steps needed to prepare are all covered in this reader.

If you do, however, have any issues, please ask a question in the [SAP Community](#) using the tag SAP HANA Cloud or refer to the [SAP HANA Cloud Technical Documentation](#).

1. SIGN UP FOR TRIAL

Please begin by registering for the SAP HANA Cloud trial.

Basic Information about the SAP HANA Cloud trial

To create your trial instance of SAP HANA Cloud, you need to follow these steps:

- You can use your free trial account to test the components SAP HANA Cloud, SAP HANA database and SAP HANA Cloud, data lake. In this workshop, we will focus on SAP HANA Cloud, SAP HANA database.
- If your trial account remains inactive, you will be asked to extend your trial every 30 days. If you regularly log in to your trial account, it will be automatically extended. If you do not log in for 30 days, you have to extend it manually.
- If you already use other services in SAP Business Technology Platform, those will not be affected or limited in any way by your participation in the SAP HANA Cloud Trial.
- Trial instances will be stopped every day at midnight in the time zone of the server location you selected. Each time you start working with your trial instance, you need to restart it.
- If you do not restart your instances within 60 days, they will be deleted. Your trial account, however, will continue to exist and you can easily provision an instance again, if you wish to do so.
- The configuration of your trial instance of SAP HANA Cloud is 30GB of memory, 2vCPUs, and 120GB of storage.
- The ScriptServer that enables machine learning capabilities is not available on a trial account as it requires larger instances that cannot be configured in a trial account. The ScriptServer, however, will not be needed for this workshop.

Sign up for a new trial account

In this step, you can learn how to sign up for the free trial of SAP HANA Cloud. There are two options how to do so:

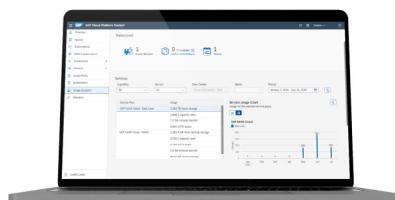
- If you do not have an SAP BTP trial account yet, follow the steps in this section.
- If you already have an SAP BTP trial account, follow the steps in the section [Add SAP HANA Cloud to existing BTP trial](#)

1. Click on [this link](#) to get to the sign-up page. Don't forget to come back here after you signed up. Once you received your confirmation email, you can continue with the next step here.



Sign up for the free trial now!

SAP HANA Cloud is a cloud-native database platform providing a single access point to all your data. Test drive the powerful features of SAP HANA Cloud and extend your on-premises landscape to the cloud. Or, you can deploy as a stand-alone cloud solution for all your data needs.



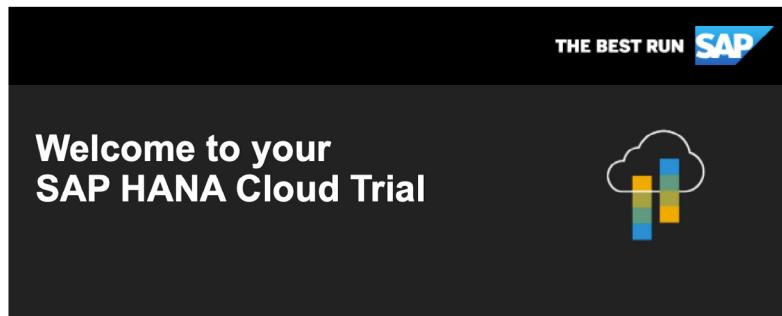
- Multi-Cloud Connectivity - Choose from different hyperscalers and connect your existing on-premise resources to multiple cloud sources
- Data Virtualization - Consolidate data from different sources and free up in-memory computing power
- Multi-temperature Data Storage - Balance performance and cost
- Data Lake - Low-cost storage on a petabyte scale
- Business Application Development - Build and run powerful applications that seamlessly connect to your database and data lake

2. Click on **Start your free trial now** and enter your sign-up information.

 A screenshot of the SAP sign-up registration page. At the top, there is a progress bar with three steps: "Register", "Verify your e-mail", and "Access all resources". Below the progress bar, the text "Register once for full access" is displayed. There are four icons with corresponding links: "Try software for free", "Read analyst reports and white papers", "SAP Community", and "Join virtual events". The main form area is titled "Tell us about yourself" and contains fields for "Business e-mail address*", "First name*", "Last name*", "Company*", "Phone", "Department*", "Relationship to SAP*", "Create password*", and "Confirm password*". Below these fields, there is a note: "Must have at least 8 characters." A checkbox for "I have read and understood the Terms and Conditions of SAP.com" is present, along with a link to the "Privacy Statement". At the bottom of the form, there is a "Submit" button and a "Log in" button for users who are already registered.

3. Once you click submit, you will be asked to verify your email address. Check your email inbox and click on the link provided.

4. You will then receive a confirmation email with a link to access your trial. Click on the button that says **Access your trial** and make sure to bookmark this page for easy access later.



Hi

Welcome to your SAP HANA Cloud trial.

How to Access Your Trial:

SAP HANA Cloud is a service on the SAP Business Technology Platform. Here's how to access your SAP HANA Cloud trial:

1. Go to the SAP Business Technology Platform trial home page [here](#) or via the button below.
2. Click on the "Enter Your Trial Account" button. This takes you to the SAP Business Technology Platform
3. Click on the "trial" subaccount tile.
4. Under Spaces, click on the "dev" space.
5. Click on "SAP HANA Cloud" in the left navigation menu.

You're now in the SAP HANA Cloud trial and ready to begin! Explore our getting started content below.

[Access Your Trial](#)

You can then immediately access your trial and create the first instance of SAP HANA Cloud, SAP HANA database. Continue your preparation in the next step "[Get to know SAP BTP cockpit](#)".

Add SAP HANA Cloud to an existing BTP trial account

1. In the SAP BTP cockpit, click on your subaccount.
2. Then click on Entitlements on the left-hand side menu.

Service	Plan	Assign Quota	Subaccount Assignment	Remaining Global Quota	Actions
ABAP environment	shared	<input checked="" type="checkbox"/>	1 units	0 units	trash
Alert Notification	standard	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
API Management, API portal	on-premise-connectivity	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
	apiportal-apiaccess	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
	apim-as-route-service	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
API Management, developer portal	developer-apiaccess	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
Audit Log Viewer	free (Application)	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
Business Entity Recognition Trial	standard	<input type="checkbox"/>	1 shared units info	1 shared units info	trash

3. Make sure you have entitlements for the services (and service plans) listed here:
 - a. SAP HANA Cloud: hana, hana-cloud-connection, and relational-data-lake
 - b. SAP HANA Schemas & HDI Containers: hdi-shared, schema, and securestore

You will see two options in the list related to Schemas and HDI containers. Please make sure to select the one that does not say "(trial)", as you can see on the screenshot below. The reason not to select the SAP HANA Schemas & HDI Containers (trial) entitlement is that it is made for a trial of SAP HANA Service, not SAP HANA Cloud.

4. If you do not have any of the entitlements above, you need to add them to your account. To do that, click on Configure Entitlements on the top right-hand corner of the screen.

Service	Plan	Assign Quota	Subaccount Assignment	Remaining Global Quota	Actions
SAP HANA Cloud	hana-cloud-connection	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
	hana	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
	relational-data-lake	<input type="checkbox"/>	1 shared units info	1 shared units info	trash
SAP HANA Schemas & HDI Containers	hdi-shared	<input type="checkbox"/>	10 shared units info	10 shared units info	trash
	schema	<input type="checkbox"/>	10 shared units info	10 shared units info	trash
	sbss	<input type="checkbox"/>	10 shared units info	10 shared units info	trash
	securestore	<input type="checkbox"/>	10 shared units info	10 shared units info	trash
SAP HANA Schemas & HDI Containers Trial	securestore	<input checked="" type="checkbox"/>	1 units	0 units	trash
	schema	<input checked="" type="checkbox"/>	1 units	0 units	trash
	hdi-shared	<input checked="" type="checkbox"/>	1 units	0 units	trash
SAP Web IDE for SAP HANA Development	TRIAL (Application)	<input type="checkbox"/>	1 units info	0 shared units info	trash

5. Click on Add Service Plans in the same area of the screen

Service	Plan	Assign Quota ⓘ	Subaccount Assignment	Remaining Global Quotas	Actions
SAP HANA Cloud	hana-cloud-connection	<input type="checkbox"/>	1 shared units ⓘ	1 shared units ⓘ	<input type="button"/>
	hana	<input type="checkbox"/>	1 shared units ⓘ	1 shared units ⓘ	<input type="button"/>
SAP HANA Schemas & HDI Containers	relational-data-lake	<input type="checkbox"/>	1 shared units ⓘ	1 shared units ⓘ	<input type="button"/>
	hdi-shared	<input type="checkbox"/>	10 shared units ⓘ	10 shared units ⓘ	<input type="button"/>
	schema	<input type="checkbox"/>	10 shared units ⓘ	10 shared units ⓘ	<input type="button"/>
	sbs5	<input type="checkbox"/>	10 shared units ⓘ	10 shared units ⓘ	<input type="button"/>
SAP HANA Schemas & HDI Containers Trial	securestore	<input checked="" type="checkbox"/>	<input type="button"/> - 1 + Units	0 units	<input type="button"/>
	schema	<input checked="" type="checkbox"/>	<input type="button"/> - 1 + Units	0 units	<input type="button"/>
	hdi-shared	<input checked="" type="checkbox"/>	<input type="button"/> - 1 + Units	0 units	<input type="button"/>
SAP Web IDE for SAP HANA Development	TRIAL (Application)	<input type="checkbox"/>	1 units ⓘ	0 shared units ⓘ	<input type="button"/>

6. In the pop-up that opens, type HANA in the search box to see all relevant entitlements.

Entitlements
All Categories
hana

Available Plans
<input checked="" type="checkbox"/> hdi-shared HDI container on a HANA database Features: HDI container on a HANA database
<input checked="" type="checkbox"/> schema Schema on a HANA database Features: Schema on a HANA database
<input checked="" type="checkbox"/> sbs5 User with permissions to use SBSS Features: User with permissions to use SBSS
<input checked="" type="checkbox"/> securestore Schema on a HANA database Features: User with permissions to use secure store

7. Select the missing entitlements by checking the boxes.
 8. Click on Add the X services, where X is the amount of services you want to add.
 9. On the top right-hand side of the screen, make sure to click on Save.

Congratulations, you have added the SAP HANA Cloud entitlement to your existing trial account on SAP BTP and can now immediately create your trial instance of SAP HANA Cloud and start your journey.

Get to know SAP BTP cockpit

In this step, you can learn how to sign up for the free trial of SAP HANA Cloud. There are two options how to do so:

In this section, you can familiarize yourself with SAP BTP cockpit. If you already feel comfortable using it, you can skip this section and go directly to [Step 2: Provisioning an instance of SAP HANA Cloud, SAP HANA database](#).

When you first access your trial account, you will see the Trial Home Page. Note that if you use a production environment, you do not see the Trial Home Page.

This is where you can enter your account but also find helpful resources to get to know the SAP BTP cockpit in detail:

- Take the virtual tour once you start your trial for the first time.

- Use the Help button at the top right-hand corner of the screen once you are logged in.
- Consult our [documentation material here](#).

SAP BTP cockpit is a web-based interface used to manage SAP cloud applications, such as SAP HANA Cloud. This is where you can manage your SAP Business Technology Platform account and users as well as create new instances whenever necessary.

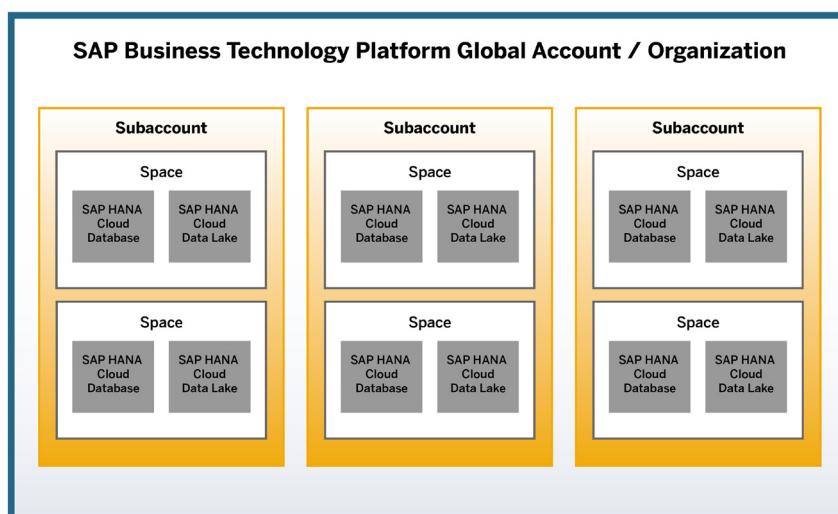
Your account on SAP Business Technology Platform is called a global account. As the administrator, you will have full control of your global account and be able to create subaccounts, spaces, and instances.

The screenshot shows the SAP BTP Cockpit interface. The left sidebar has sections for Subaccounts, Directories, Resource Providers, Boosters, System Landscape (expanded), Entitlements, Entity Assignments, Service Assignments, and Usage Analytics. The main area shows a 'Global Account: trial - Subaccounts' with a subdomain 'trial-ga'. Below it, there's a card for 'trial' with details: Provider: Amazon Web Services (AWS), Region: Europe (Frankfurt), Description: -none-, Environment: Multi-Environment. Buttons for 'New Subaccount', 'Switch Global Account', and 'Delete Trial Account' are at the top right of this card. A note below says 'Learn how global accounts and subaccounts relate to each other and find recommendations for setting up your account model.' At the bottom left are 'Useful Links' and 'Legal Information'.

Subaccounts are a smaller part of your global account. For example: if your global account is your whole organization, your subaccounts could be either your geographical regions or specific departments, depending on what your internal structure requires.

Under subaccounts are spaces. These can be, for example, lines of business, such as product management, development, or operations. In the context of SAP HANA Cloud, this means that each space within each subaccount will have their own SAP HANA Cloud area.

Within your space, you can create and access instances of SAP HANA Cloud, HANA database, SAP ASE, SAP ASE Replication and data lake instances. In this example, the image only shows SAP HANA Cloud, SAP HANA database and data lake instances for simplicity. Nevertheless, instances of all four components could be in each of these spaces.

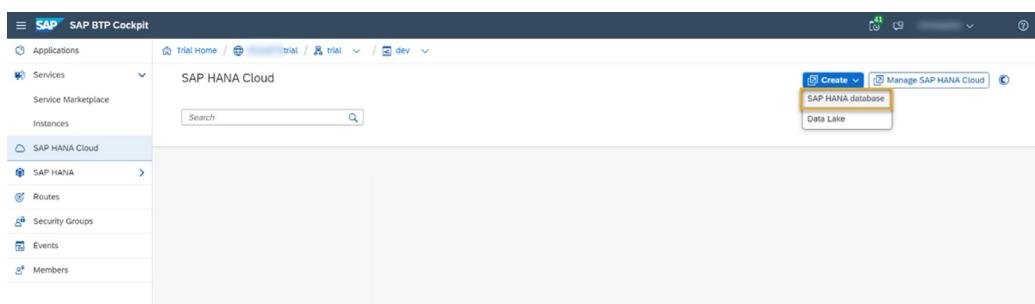


2. PROVISIONING

Provisioning your instance

To create your trial instance of SAP HANA Cloud, you need to follow these steps:

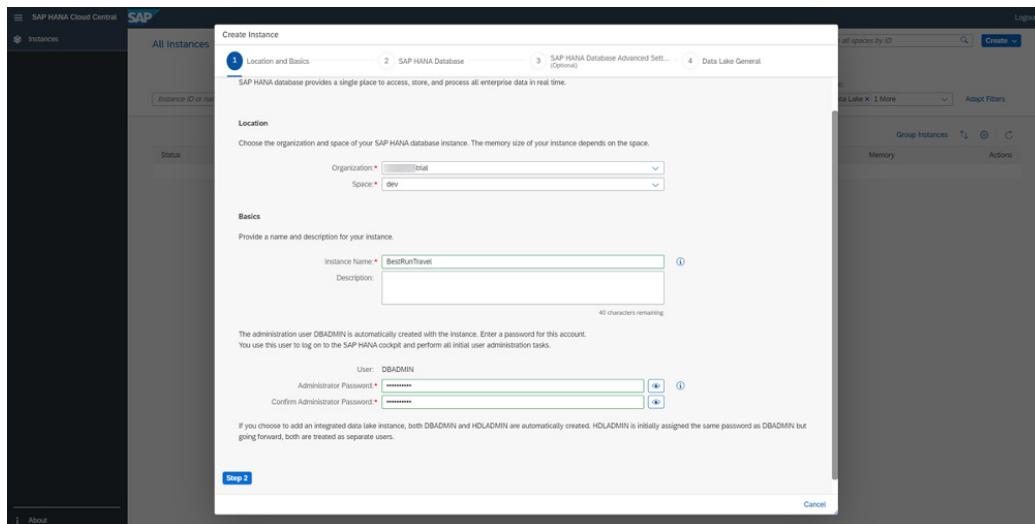
1. In SAP BTP cockpit, enter your global account, subaccount and space.
2. On the menu on left-side of the screen, click on SAP HANA Cloud.
3. Click on Create.
4. Then, click on SAP HANA database.



5. A new tab will open in SAP HANA Cloud Central, and you will see the database provisioning wizard.
6. You can see that your Organization and Space have been preselected. If you are part of multiple organizations or spaces, you can select others in the drop-down menu.
7. In the section Basics, enter a name for your instance in the field Instance Name. Note that this field does not allow any spaces in the name.
8. You can optionally insert a description of this instance on the Description field.
9. Then insert a password in the Administrator Password field and confirm it by typing it again on the Confirm Administrator Password field.

Note: Once the instance is created, this super-user password cannot be recovered in a trial account. So, make sure to remember it.

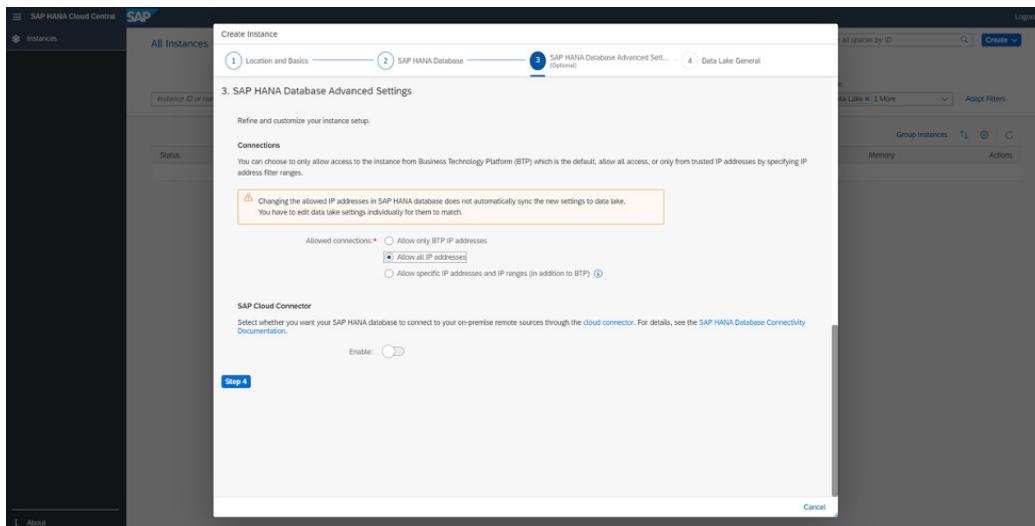
- Now the Step 2 button will appear on the left-hand side of the wizard. Click on it to continue.



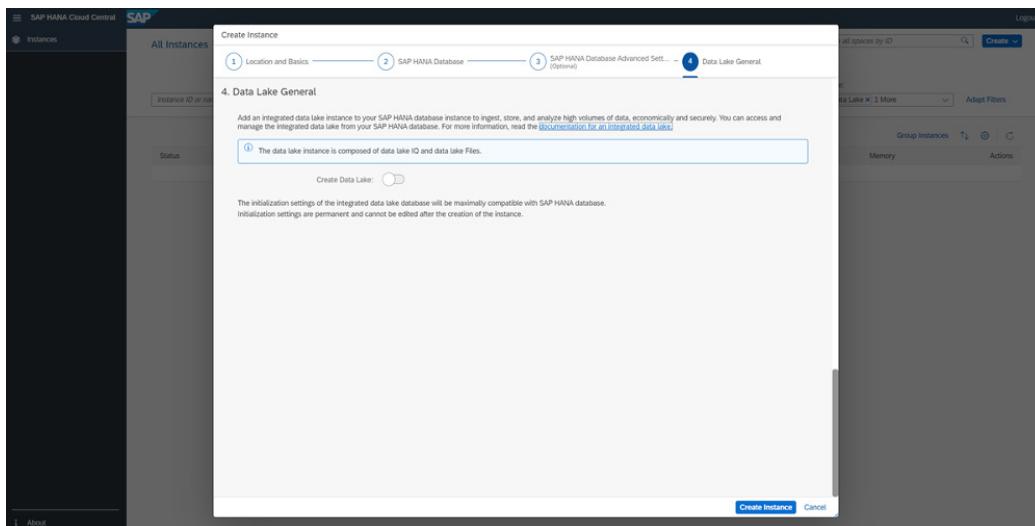
- In Step 2 of the provisioning wizard, in a production environment, you would be able to scale your instance up or down. If you are using a trial instance, you can't change your configuration here. The preset configurations of a trial account will be enough for the purpose of this workshop.
- Additionally, you can select in this step if you want to create a replica of your instance to increase your system availability. These **replicas** are exact duplicates of your instance that will be managed in the background and automatically synchronized. In case of issues, you can take over a replica of your instance to ensure minimal interruption. This option is not mandatory for the workshop.
- Click on Step 3 to continue.

All configurations you specify during provisioning can be changed at a later point. So, feel free to adjust your instance after the workshop to try out all capabilities that interest you.

- Now you can configure the Advanced Settings by managing the allowed connections for your SAP HANA Cloud instance. That means choosing if you allow access to your SAP HANA Cloud, SAP HANA database instance from outside of SAP BTP. You can either limit it to SAP BTP by denying all IP addresses, or allow specific applications to access it by inserting one or more specific IP addresses. Finally, you can allow all connections from all IP addresses.
- For this workshop, choose to allow all connections.
- Here, you can also choose to enable the SAP Cloud Connector, which makes it easier to connect this SAP HANA database instance to an SAP HANA on-premise database. **This option is not mandatory for the workshop.**
- Next is where you would be able to choose to enable the Script Server and the JSON Document Store in a production environment. The trial instance standard size does not allow the ScriptServer to run. **This option is not mandatory for the workshop.**



18. Click on Step 4 in the bottom left corner to continue.
19. In the last step of the provisioning wizard, you have the option of also provisioning a managed data lake. If you enable the data lake in this step, this data lake will have maximum compatibility with SAP HANA and a remote connection between your SAP HANA database and the data lake will be created automatically during provisioning.
20. A data lake instance is not needed for the purpose of this workshop. So, you can skip this step by clicking on Create Instance.



21. You are done! Your first SAP HANA Cloud, SAP HANA database instance will be created, and you can monitor its status to see when it is ready to be used.
22. Once you see the status RUNNING in SAP HANA Cloud Central, your instance is ready to use. This process usually takes a few minutes.

The screenshot shows the SAP HANA Cloud Central Instances page. At the top, there are search fields for 'Instance ID or name' and 'Organization: *'. Below the search fields, there is a dropdown menu for 'Space: *' and a 'Search' button. The main area displays a table with columns: Status, Name, and Type. There are two entries:

Status	Name	Type
RUNNING	BestRunTravel	SAP HANA Database
RUNNING	BestRunTravelDL	Data Lake Data Lake IQ Component Enabled

Starting your instance

If you are using a trial account, your instances will be stopped automatically at midnight of your server region time zone. That means for each day of the workshop, you will need to restart your instance. Here's how you do that in a few clicks:

- From SAP BTP cockpit, open your instance in SAP HANA Cloud Central by clicking on Manage SAP HANA Cloud in the SAP HANA Cloud area of your space. You can also bookmark the SAP HANA Cloud Central page for easy access.

The screenshot shows the SAP BTP Cockpit interface. On the left, there is a navigation sidebar with options: Applications, Services, SAP HANA Cloud (with a highlighted mouse cursor), SAP HANA, Routes, Security Groups, Events, and Members. The main content area is titled 'SAP HANA Cloud'. It contains a 'Create' button and a 'Manage SAP HANA Cloud' button, which is highlighted with a yellow box. Below these buttons, there are sections for 'SAP HANA Database Instances' and 'Data Lake Instances'. Under 'SAP HANA Database Instances', there are two cards: 'BestRunBikes' (Created) and another card with 'Created' status. Under 'Data Lake Instances', there are two cards: 'BestRunDL' (Created) and another card with 'Created' status.

- In SAP HANA Cloud Central, find your instance in the list. Different filtering options can help you find your instance quickly if you have multiple ones.

Status	Name	Type	Notifications	Storage	Compute	Memory	Actions
STOPPED	trial	SAP HANA Database		120 GB Storage (1 node)	2 vCPUs (1 node)	30 GB Memory (1 node)	
STOPPED	hdl	Data Lake Data Lake IQ Component Enabled		256 GB	2 vCPU Workers (1) 2 vCPU Coordinators (1)		

3. To start an instance that has the status STOPPED, click on the three dots on the right in the column Actions.

Compute	Memory	Actions
2 vCPUs (1 node)	30 GB Memory (1 node)	
2 vCPU Workers (1) 2 vCPU Coordinators (1)		<div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> Edit Copy SQL Endpoint Copy Instance ID Start Upgrade Delete Open in SAP HANA Cockpit Open in SAP HANA Database Explorer Open SQL Console </div>

4. Then, click on Start and your instance will be restarted. This process takes a few minutes, but you can see the status of your instance to know more. You can also click the refresh button at the top right corner to update the status of your instance.

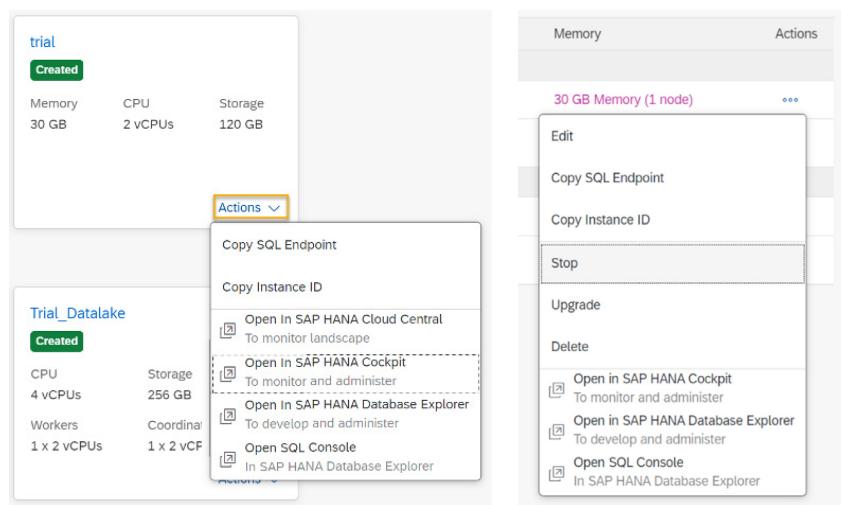
Please perform these steps before each workshop session to make sure that your instance is running since it takes a moment to restart.

Accessing tools to work with SAP HANA Cloud, HANA database

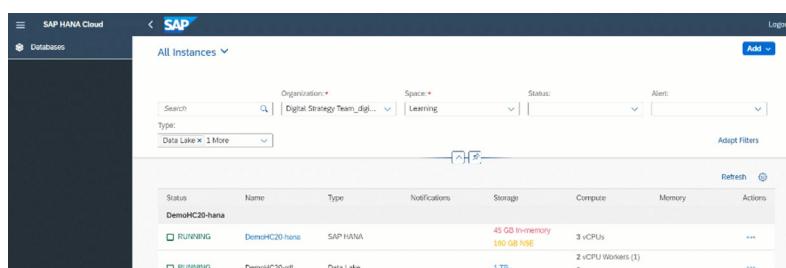
Once your instance is created, you can access all tools you need to work with your instance:

- SAP HANA Cloud Central
- SAP HANA Cockpit
- SAP HANA Database Explorer

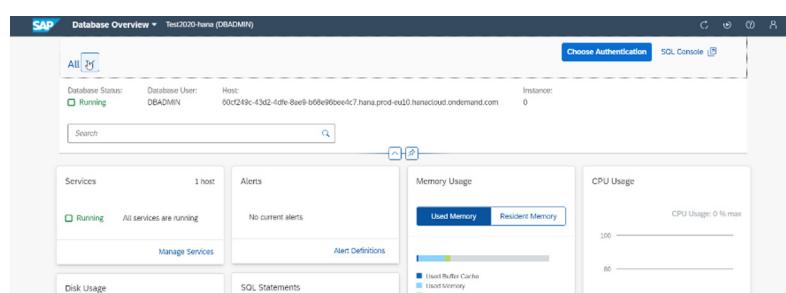
1. You can access the tools you need either from the SAP HANA Cloud area in SAP BTP cockpit by clicking on Actions in the bottom right corner of an instance tile or from SAP HANA Cloud Central, by clicking on the three dots in the line of an instance.



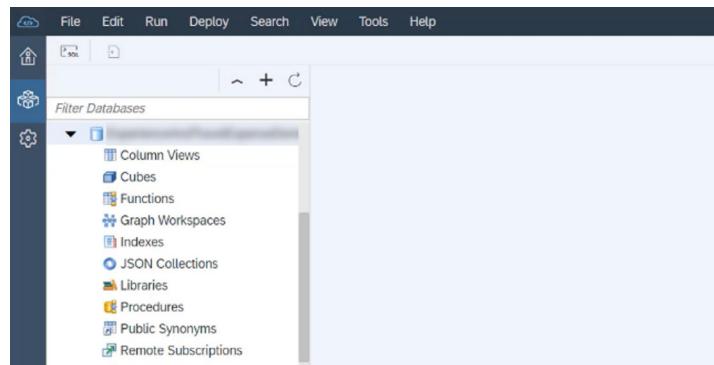
2. Open in SAP HANA Cloud Central (or clicking on Manage SAP HANA Cloud) will open the SAP HANA Cloud Central that you are already familiar with from provisioning. Here, you can restart and stop your instances.



3. Open in SAP HANA Cockpit will open the SAP HANA Cockpit in a new tab. There, you can monitor your databases, create users and assign roles as well as set up replication services.



4. Open in SAP HANA Database Explorer and Open SQL Console will open the SAP HANA Database Explorer. There, you can access your data and interact with your databases.



We recommend bookmarking each of these tools for quick and easy access.

In addition to these tools to work with SAP HANA Cloud, there are two more services you will need throughout the workshop: **SAP Business Application Studio** and **Continuous Integration & Delivery**. In the next sections, you will learn how to add these services to your trial account and how to access them.

3. SUBSCRIBE TO SAP BUSINESS APPLICATION STUDIO

Accessing SAP Business Application Studio

For this workshop, you will also need SAP Business Application Studio for creating database objects and developing applications. You can use it for free with your SAP HANA Cloud trial. To add a subscription to SAP Business Application Studio, you have two options.

Option 1: From the Trial Home Page (only available in SAP HANA Cloud trial)

1. Go to your trial account in SAP BTP cockpit.
2. You can find the link to Business Application Studio directly on the trial home page under quick tool access.

The screenshot shows the SAP BTP Trial home page. At the top, it says "Welcome to SAP BTP Trial" and "Learn how to create and deploy cloud apps and gain access to a comprehensive set of platform services." Below this is a blue button labeled "Enter Your Trial Account". Underneath, there's a section titled "Quick Tool Access" with three items:

- SAP Business Application Studio**: Develop business applications using SAP's next-generation, Web-based IDE.
- CLI for BTP**: Manage your trial account using the command-line interface.
- APIs for SAP BTP**: Manage, build, and extend the capabilities of SAP BTP.

Option 2: Add subscription manually (for production environment)

3. In SAP BTP cockpit, enter your subaccount by clicking on the name of your subaccount in the top navigation bar.

The screenshot shows the SAP BTP Cockpit interface. The top navigation bar includes the SAP logo, "SAP BTP Cockpit", and a dropdown menu. The subaccount "trial" is selected, indicated by a yellow box around the "trial" button. The left sidebar has a tree view with "Applications", "Services" (expanded to show "Service Marketplace" and "Instances"), "SAP HANA Cloud" (selected and highlighted in blue), "Routes", "Security Groups", "Events", and "Members". The main content area shows "SAP HANA Cloud" and "SAP HANA Instances". A card for the instance "Trial" shows it was "Created" and provides details: Memory 30 GB, CPU 2 vCPUs, and Storage 120 GB. There's also an "Actions" dropdown menu.

- Click on Service Marketplace on the left side of the screen.

The screenshot shows the SAP BTP Cockpit interface. The left sidebar has a 'Services' dropdown expanded, with 'Service Marketplace' highlighted by a yellow box. Other options in the sidebar include 'Overview', 'Instances and Subscriptions', 'Subscriptions', 'Cloud Foundry', and 'HTML5 Applications'. The main content area displays 'Subaccount: trial' and 'Subdomain: trial'. Below that, there are tabs for 'Cloud Foundry Environment', 'Kyma Environment', and 'En'. The 'Cloud Foundry Environment' tab is active.

- Scroll down or use the search bar to find SAP Business Application Studio.
- On the SAP Business Application Studio tile, click on the three dots and select Create to add a subscription. If you see the option Go to Application, you are already subscribed and clicking on it will open SAP Business Application Studio.

The screenshot shows the SAP BTP Cockpit interface with the 'Service Marketplace' selected in the sidebar. The main content area shows 'Subaccount: trial - Service Marketplace' with a filter for 'business application studio'. A modal window for 'SAP Business Application Studio' is open, showing options like 'Create', 'Instances and Subscriptions', and 'Go to Application'. The 'Go to Application' button is highlighted by a yellow box.

- Follow the steps in the wizard if you need to create the service subscription.
- If this is your first time accessing SAP Business Application Studio, click on Ok to accept the privacy statement in the window that opens.

Please do not create a dev space just yet as we will need specific configurations that will be covered during the workshop. So, your preparation here is done for now. Bookmark this page so you can get to BAS quickly during the workshop.

The last thing you need is an account on github.com, so you can access the necessary sample data for this workshop.

4. CREATE A GITHUB ACCOUNT

During the workshop, we will provide you with sample data that you can download from a public github repository.

Additionally, we will show you how you can connect your development project in SAP Business Application Studio with your own github repository. For this, you will need your own github account.

Please visit www.github.com and create an account if you do not already have one.

Note down the email address you used for creating that github account as well as your username there as you will need this information to initialize github in the project you will build.

And with that, your preparations for the workshop are complete!

Don't forget to restart your trial instance the day of the workshop.

We are looking forward to seeing you!