

SAP BTP - CAP RAG - AI Workshop

Subaccount Setup

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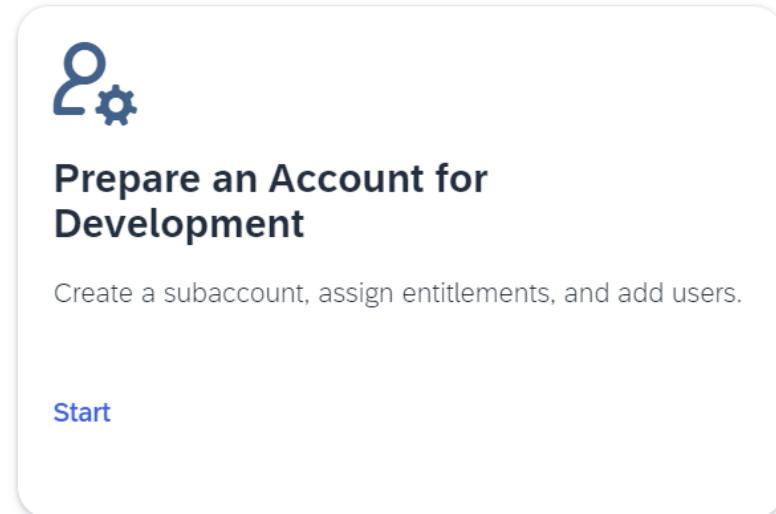
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Cloud Foundry Runtime

Plan Name: MEMORY

Manual Setup: <https://help.sap.com/docs/cf-runtime/cloud-foundry-runtime/initial-setup?locale=en-US>

Using Booster: https://YOUR_SAP_BTP_GLOBAL_ACCOUNT/booster/8499b227-1498-473a-b24a-1f0968f93459



Prepare an Account for Development

[Start](#)

Create a subaccount, assign entitlements, and add users.

[Overview](#) [Components](#) [Additional Resources](#)

This booster will help you set up your subaccount.

Step by step, this booster will assign a curated set of entitlements, create a subaccount, configure services, and set up authorizations. In the background, it will enable Cloud Foundry, create default space, and assign users to specific roles.

To execute this booster, the user needs to be a global administrator and also have the correct plan and quota assigned to their account. After completion of the booster, the subaccount can be accessed for further configuration

A screenshot of a step in the booster flow titled 'Check Prerequisites'. It shows a progress bar with four steps: 1. Check Prerequisites (blue), 2. Set Up Subaccount, 3. Add Users, and 4. Review. A green success message at the top says 'All required prerequisites are met. Rerun' with a close button. Below it, a sub-section titled 'Check Prerequisites' says 'We're checking if you meet all the prerequisites required for this booster.' with a help icon. It shows two status boxes: 'Checking Authorizations: DONE' and 'Checking Entitlements: DONE'.

Prepare an Account for Development

1 Check Prerequisites 2 Set Up Subaccount 3 Add Users 4 Review

Set Up Subaccount

Provide the details of the subaccount to create for your new development project. [?](#)

Entitlements: [Reset](#)

Service	Plan	Required Quota	Remaining Quota	Action
Cloud Foundry Runtime	MEMORY	<input type="button" value="−"/> <input type="text" value="1"/> <input type="button" value="+"/>	19	Edit
Connectivity Service	lite	1	unlimited	Edit
Destination Service	lite	1	unlimited	Edit

The service plans that are required for running this project and their required quota. The required quota is deducted from the available quota for each service in your global account.

Subaccount Name: * The name for your new subaccount can contain up to 255 characters.

Provider: * Select the infrastructure provider of the new subaccount.

Region: * Select the region in which to create the new subaccount.

Subdomain: * The subdomain of your subaccount must be unique and can contain up to 63 letters (a-z or A-Z), digits (0-9), and hyphens (not at the start or end).

Org Name: * The name for the Cloud Foundry org can contain up to 255 characters.

Space Name: * The name for the Cloud Foundry space can contain up to 255 characters.

Prepare an Account for Development

1 Check Prerequisites ————— 2 Set Up Subaccount ————— 3 Add Users ————— 4 Review

Add Users

Enter the details of additional users who will work on your development project and assign them to the relevant roles. ⓘ

Custom Identity Provider for Platform Users: accounts.sap.com

Custom Identity Provider for Applications: accounts.sap.com

Administrators: mauricio.lauffer@sap.com

Administrators will be assigned to the org manager, space manager roles and Subaccount Administrator role collection(s). The logged in user 'mauricio.lauffer@sap.com' will be added by default as an Administrator.

Developers: mauricio.lauffer@sap.com

Developers will be assigned to the space developer role and Subaccount Viewer role collection(s). The logged in user 'mauricio.lauffer@sap.com' will be added by default as a Developer.

Info: The **Platform Identity Provider** displays all the **Custom Identity Authentication Service (IAS)** tenants configured in your global account. The booster will use it to assign cockpit platform roles like "Subaccount Administrator". Similarly, the **Application Identity Provider** displays all the Custom IAS tenants associated with the selected subaccount. This IAS tenant will be used by application users having application roles like "BuildAppsDeveloper". ⌂

Prepare an Account for Development

1 Check Prerequisites ————— 2 Set Up Subaccount ————— 3 Add Users ————— 4 Review

Set Up Subaccount

Subaccount: ai-workshop-apj

Provider: Amazon Web Services (AWS)

Region: Australia (Sydney)

Subdomain: sxh6r4z22x9k34l2

Org: ai-workshop-apj

Space: dev

Add Users

Cloud Foundry Origin: sap.ids

XSUAA Origin: sap.default

Application Origin: sap.default

Application IdP Host URL: accounts.sap.com

Administrators: mauricio.lauffer@sap.com

Developers: mauricio.lauffer@sap.com



Success

Booster executed successfully

Your subaccount is ready for Development.

[Navigate to Subaccount](#)

Follow the guide below to learn more about subaccounts in the cockpit

[Subaccounts in SAP BTP cockpit](#)

Learn how to manage entitlements and quotas in SAP cockpit

[Managing Entitlements and Quotas Using the Cockpit](#)

[Close](#)

SAP AI Core

Plan Name: extended

Manual setup: <https://help.sap.com/docs/sap-ai-core/sap-ai-core-service-guide/enabling-service-in-cloud-foundry?locale=en-US>

Using Booster: https://YOUR_SAP_BTP_GLOBAL_ACCOUNT/booster/aicore



Set Up Account for SAP AI Core

Get access to the AI Core API.

[Start](#)

Set Up Account for SAP AI Core

Start

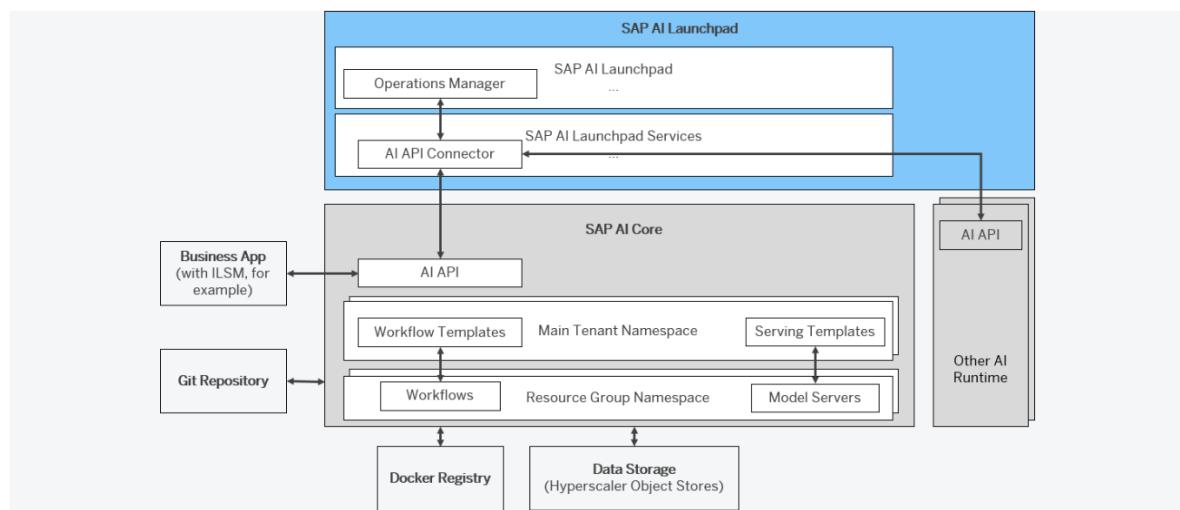
Get access to the AI Core API.

[Overview](#) [Components](#) [Additional Resources](#)

This booster guides you through the process of setting up SAP AI Core in SAP BTP cockpit.

The booster assigns entitlements, updates your subaccount, and creates a service instance and associated service key for SAP AI Core.

After completing the booster, you will be able to get an OAuth access token for SAP AI Core. You can then use the execution and operations of your AI assets in a standardized, scalable, and hyperscaler-agnostic way.



Set Up Account for SAP AI Core

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Review

All required prerequisites are met. [Rerun](#) [X](#)

Check Prerequisites

We're checking if you meet all the prerequisites required for this booster. [i](#)

Checking Authorizations: [DONE](#)

Checking Entitlements: [DONE](#)



Select Scenario

Select subaccount mode for the booster. [?](#)

Create Subaccount

This mode will help you to set up a new Cloud Foundry Subaccount and execute the relevant booster steps.

Select Subaccount

This mode will help you to select an existing Cloud Foundry Subaccount and execute the relevant booster steps.



Set Up Account for SAP AI Core



Configure Subaccount

Configure your Cloud Foundry Subaccount and Space. [?](#)

Entitlements:	Service	Plan	Required Quota
SAP AI Core*	extended	1	

The service plans that are required for running this project and their required quota. The required quota is deducted from the available quota for each service in your global account.

Subaccount: * Select the subaccount for this booster.

Org: * View the organization name.

Space: * Create a new space or select an existing space.



Set Up Account for SAP AI Core



Select Scenario

Subaccount Mode: Select Subaccount

Configure Subaccount

Subaccount: ai-workshop-apj

Org: ai-workshop-apj

Space: dev

 Success

Booster executed successfully

Your subaccount is ready for SAP AI Core.

[Navigate to Subaccount](#)

Follow the guide below to learn more about subaccounts in the cockpit

[Subaccounts in SAP BTP cockpit](#)

Learn how to manage entitlements and quotas in SAP cockpit

[Managing Entitlements and Quotas Using the Cockpit](#)

[Close](#)

SAP AI Launchpad

Plan Name: standard

Manual setup: <https://help.sap.com/docs/ai-launchpad/sap-ai-launchpad/initial-setup?locale=en-US>

Using Booster: https://YOUR_SAP_BTP_GLOBAL_ACCOUNT/booster/ai-launchpad



Set Up Account for SAP AI Launchpad

Update subaccount, configure entitlements, and subscribe to SAP AI Launchpad.

Start

Set Up Account for SAP AI Launchpad

Update subaccount, configure entitlements, and subscribe to SAP AI Launchpad.

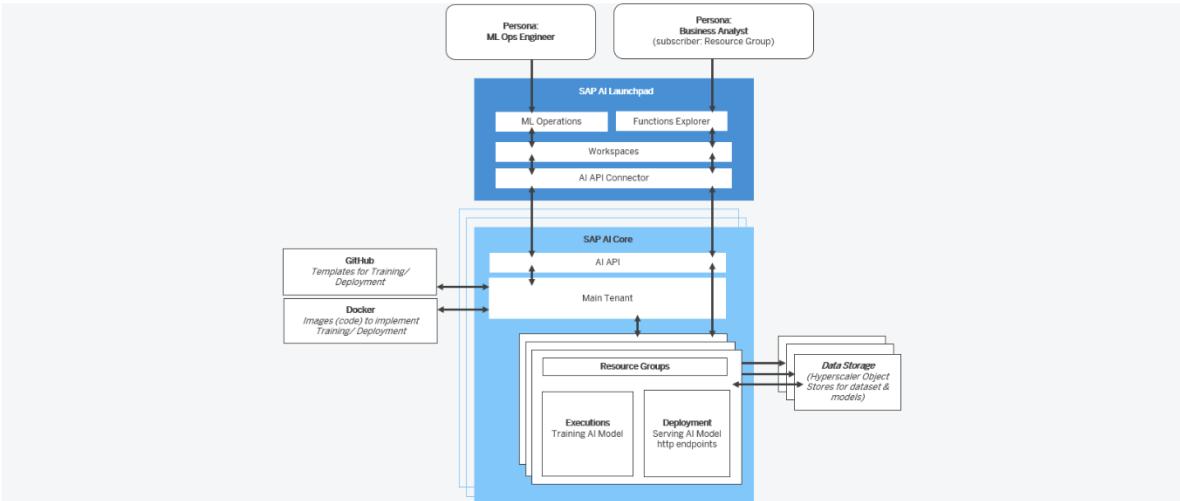
Start

Overview **Components** **Additional Resources**

This booster guides you through the process of subscribing to SAP AI Launchpad in the SAP BTP cockpit.

When the booster is executed, you will be prompted to update your subaccount, configure entitlements, and subscribe to SAP AI Launchpad.

After completing the booster, you will be able to access the SAP AI Launchpad as an ML operations user. You can manage AI scenarios across multiple instances of AI runtimes (such as SAP AI Core). In addition, you can explore, train, predict, and monitor objects in your AI pipeline.



The diagram illustrates the architecture of SAP AI Launchpad and SAP AI Core integration. It shows the following components and their interactions:

- SAP AI Launchpad:** A central component with three main sections: ML Operations, Functions Explorer, and Workspaces. It also includes an AI API Connector.
- SAP AI Core:** A lower-level component containing the Main Tenant, AI API, and Resource Groups. The Resource Groups are further divided into Executions (Training AI Model) and Deployment (Serving AI Model http endpoints).
- External Tools:** GitHub (Templates for Training/Deployment) and Docker (Images (code) to implement Training/Deployment) are shown on the left, connected to SAP AI Core.
- Data Storage:** Data Storage (Hyperscaler Object Stores for dataset & models) is shown on the right, connected to SAP AI Core.
- Personas:** Two personas are shown: "Person: ML Ops Engineer" and "Person: Business Analyst (subscriber, Resource Group)".
- Interactions:** Bidirectional arrows connect SAP AI Launchpad to SAP AI Core, and SAP AI Core to both GitHub/Docker and Data Storage. Arrows also connect SAP AI Launchpad's sections to its internal components.

Set Up Account for SAP AI Launchpad

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Review

✓ All required prerequisites are met. Rerun X

Check Prerequisites

We're checking if you meet all the prerequisites required for this booster. (i)

Checking Authorizations: ✓ DONE

Checking Entitlements: ✓ DONE

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Review

Select Scenario

Select subaccount mode for the booster. (i)

Create Subaccount
This mode will help you to set up a new Cloud Foundry Subaccount and execute the relevant booster steps.

Select Subaccount
This mode will help you to select an existing Cloud Foundry Subaccount and execute the relevant booster steps.

Set Up Account for SAP AI Launchpad

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Review

Configure Subaccount

Configure your Cloud Foundry Subaccount and Space. (i)

Entitlements:	Service	Plan	Required Quota
SAP AI Launchpad*	<input style="border: none; background-color: #f0f0f0; width: 100%; height: 100%;" type="button" value="standard"/>	1	

The service plans that are required for running this project and their required quota. The required quota is deducted from the available quota for each service in your global account.

Subaccount: ▼
Select the subaccount for this booster.

Org: ▼
View the organization name.

Space: ▼
Create a new space or select an existing space.

Set Up Account for SAP AI Launchpad

1 Check Prerequisites ————— 2 Select Scenario ————— 3 Configure Subaccount ————— 4 Review

Select Scenario

Subaccount Mode: Select Subaccount

Configure Subaccount

Subaccount: ai-workshop-apj
Org: ai-workshop-apj
Space: dev

 Success

Booster executed successfully

Your subaccount is ready for SAP AI Launchpad.

[Navigate to Subaccount](#)

Follow the guide below to learn more about subaccounts in the cockpit

[Subaccounts in SAP BTP cockpit](#)

Learn how to manage entitlements and quotas in SAP cockpit

[Managing Entitlements and Quotas Using the Cockpit](#)

[Close](#)

SAP HANA Cloud

Plan Name: hana

Plan Name: tools

Manual Setup: <https://help.sap.com/docs/hana-cloud/sap-hana-cloud-administration-guide/create-sap-hana-database-instance-using-sap-hana-cloud-central>

Using Booster: https://YOUR_SAP_BTP_GLOBAL_ACCOUNT/booster/hana-cloud-tooling



Set Up SAP HANA Cloud Administration Tools

Automated setup for SAP HANA Cloud Administration Tools in your account.

[Start](#)

Set Up SAP HANA Cloud Administration Tools

Start

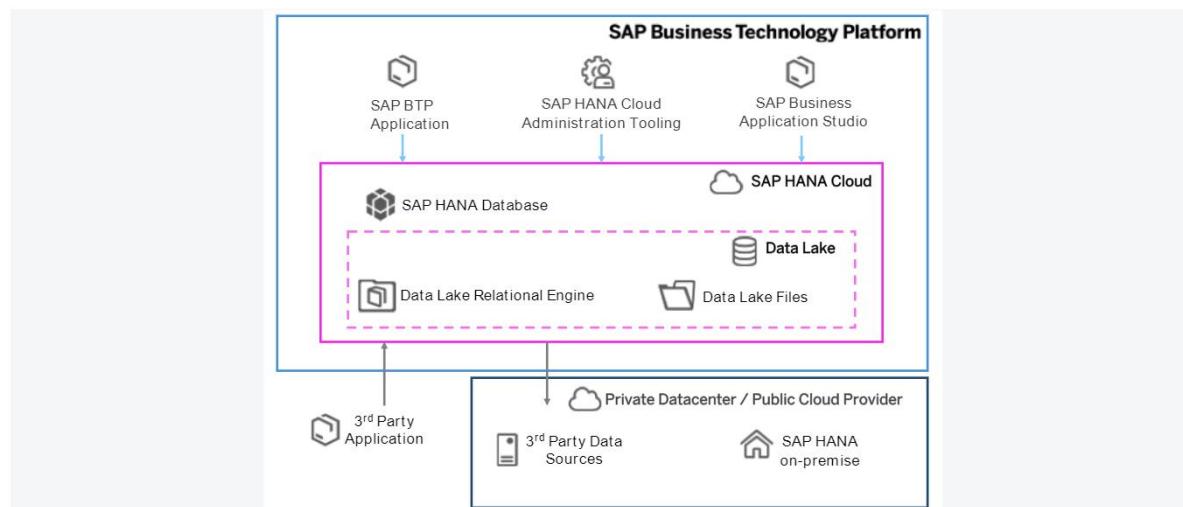
Automated setup for SAP HANA Cloud Administration Tools in your account.

[Overview](#) [Components](#) [Additional Resources](#)

This booster guides you through a step-by-step process to assign entitlements, subscribe to the SAP HANA Cloud service with the tools plan, and assign related role collections to the user.

A subaccount is required. Select an existing subaccount or create a new one.

After completing the booster, the SAP HANA Cloud administration tools will be ready for use.



Set Up SAP HANA Cloud Administration Tools

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Add Users 5 Review

✓ All required prerequisites are met. [Rerun](#) [X](#)

Check Prerequisites

We're checking if you meet all the prerequisites required for this booster. [\(i\)](#)

Checking Authorizations: DONE

Checking Entitlements: DONE

Set Up SAP HANA Cloud Administration Tools

1 Check Prerequisites ————— 2 Select Scenario ————— 3 Configure Subaccount ————— 4 Add Users ————— 5 Review

Select Scenario

Select subaccount mode for the booster. ⓘ

Create Subaccount
This mode will help you to set up a new BTP Subaccount and execute the relevant booster steps.

Select Subaccount
This mode will help you to select an existing BTP Subaccount and execute the relevant booster steps.

Set Up SAP HANA Cloud Administration Tools

1 Check Prerequisites ————— 2 Select Scenario ————— 3 Configure Subaccount ————— 4 Add Users ————— 5 Review

Configure Subaccount

Configure your BTP Subaccount. ⓘ

Entitlements:	Service	Plan	Required Quota
SAP HANA Cloud*	hana	1	
SAP HANA Cloud Administration Tools*	tools	1	
SAP HANA Cloud Connection*	hana-cloud-connection	1	
SAP HANA Cloud, Data Lake*	relational-data-lake	1	

The service plans that are required for running this project and their required quota. The required quota is deducted from the available quota for each service in your global account.

Subaccount: * Select the subaccount for this booster.

Org: * View the organization name.

Space: * Create a new space or select an existing space.

Set Up SAP HANA Cloud Administration Tools

1 Check Prerequisites — 2 Select Scenario — 3 Configure Subaccount — 4 Add Users — 5 Review

Add Users

Enter the details of additional users who will work on your development project and assign them to the relevant roles. ⓘ

Info: The Platform Identity Provider displays all the Custom Identity Authentication Service (IAS) tenants configured in your global account. The booster will use it to assign cockpit platform roles like "Subaccount Administrator". Similarly, the Application Identity Provider displays all the Custom IAS tenants associated with the selected subaccount. This IAS tenant will be used by application users having application roles like "BuildAppsDeveloper". ⌂ X

Custom Identity Provider for Platform Users: accounts.sap.com

Custom Identity Provider for Applications: accounts.sap.com

Administrators: mauricio.lauffer@sap.com

Administrators will be assigned to the org manager, space manager roles and SAP HANA Cloud Administrator, Subaccount Administrator role collection(s). The logged in user 'mauricio.lauffer@sap.com' will be added by default as an Administrator.

Developers: mauricio.lauffer@sap.com

Developers will be assigned to the space developer role and SAP HANA Cloud Viewer, Subaccount Viewer role collection(s). The logged in user 'mauricio.lauffer@sap.com' will be added by default as a Developer.

Set Up SAP HANA Cloud Administration Tools

1 Check Prerequisites — 2 Select Scenario — 3 Configure Subaccount — 4 Add Users — 5 Review

Select Scenario

Subaccount Mode: Select Subaccount

Configure Subaccount

Subaccount: ai-workshop-apj

Org: ai-workshop-apj

Space: dev

Add Users

Cloud Foundry Origin: sap.ids

XSUAA Origin: sap.default

Application Origin: sap.default

Application IdP Host URL: accounts.sap.com

Administrators: mauricio.lauffer@sap.com

Developers: mauricio.lauffer@sap.com

 Success

Booster executed successfully

Your subaccount is ready for SAP HANA Cloud Administration Tools.

[Provisioning an SAP HANA Cloud instance](#)

[Manage SAP HANA Cloud instances](#)

[Navigate to your subaccount's Instances and Subscriptions page](#)

Follow the guide below to learn more about subaccounts in the cockpit

[Subaccounts in SAP BTP cockpit](#)

Learn how to manage entitlements and quotas in SAP cockpit

[Managing Entitlements and Quotas Using the Cockpit](#)

[Close](#)

SAP Build Code

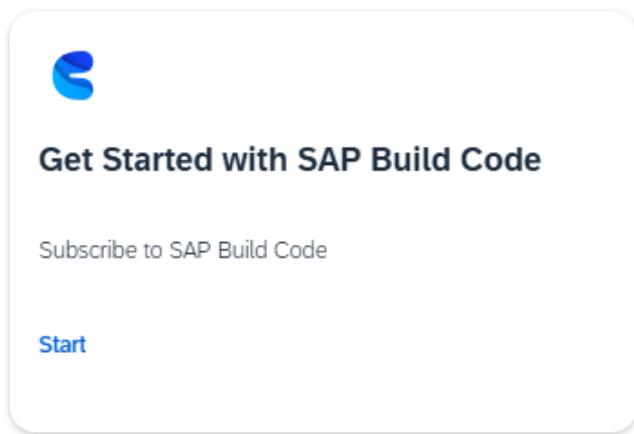
Plan Name: standard-edition

Using Booster:

https://help.sap.com/docs/build_code/d0d8f5bfc3d640478854e6f4e7c7584a/07698d7c31284e4db370acd f017cf14.html

::: IMPORTANT :::

To be able to complete Booster for Build Code you would have to establish Trust between the SAP Work Zone Std service - which is bundled with Build Code service – and Identity Authentication Service (IAS) - [Establish Trust and Federation Between SAP Authorization and Trust Management Service and SAP Cloud Identity Services | SAP Help Portal](#)



Get Started with SAP Build Code

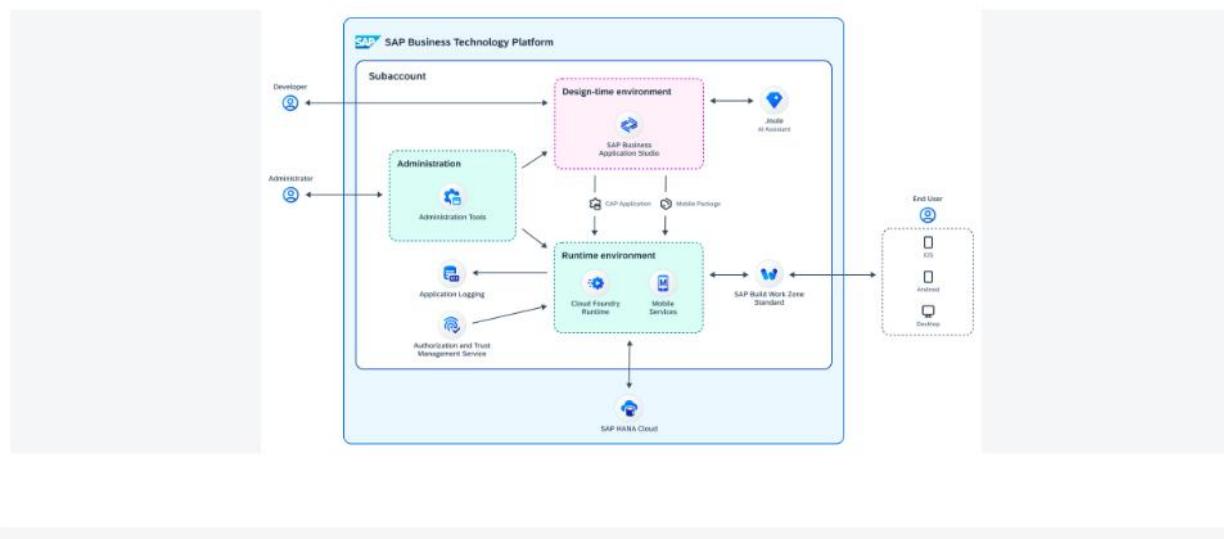
Subscribe to SAP Build Code

[Overview](#) [Components](#) [Additional Resources](#)

SAP Build Code simplifies the development of full-stack, UI5, SAP Fiori, CAP, and mobile applications running on SAP Business Technology Platform, using SAP services and generative AI capabilities.

This booster will guide you through enabling the tools, configuring entitlements, and assigning members on SAP Business Technology Platform.

Once the booster has been implemented, your subaccount will be ready for developers to easily create or enhance business applications using graphical editors, AI wizards, a terminal, and more.



Get Started with SAP Build Code

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Add Users 5 Review

All required prerequisites are met. Rerun

Check Prerequisites

We're checking if you meet all the prerequisites required for this booster. ⓘ

Checking Authorizations: DONE

Checking Entitlements: DONE

Get Started with SAP Build Code

1 Check Prerequisites 2 Select Scenario 3 Configure Subaccount 4 Add Users 5 Review

Select Scenario

Select subaccount mode for the booster. ⓘ

Create Subaccount
This mode will help you to set up a new Cloud Foundry Subaccount and execute the relevant booster steps.

Select Subaccount
This mode will help you to select an existing Cloud Foundry Subaccount and execute the relevant booster steps.

Get Started with SAP Build Code

1 Check Prerequisites — 2 Select Scenario — 3 Configure Subaccount — 4 Add Users — 5 Review

Configure Subaccount

Configure your Cloud Foundry Subaccount and Space. ⓘ

Entitlements:

Reset

Service	Plan	Required Quota	Action
SAP Build Code*	standard	1	ⓘ
Alert Notification	build-code	1	ⓘ
Cloud Foundry Environment	build-code	1	ⓘ
Cloud Logging	build-code	1	ⓘ
Cloud Transport Management	transport_operat or	1	ⓘ
	export	1	ⓘ
	standard	1	ⓘ
Continuous Integration & Delivery	build-code	1	ⓘ
	default	1	ⓘ

Get Started with SAP Build Code

1 Check Prerequisites — 2 Select Scenario — 3 Configure Subaccount — 4 Add Users — 5 Review

Add Users

Enter the details of additional users who will work on your development project and assign them to the relevant roles. ⓘ

The Platform Identity Provider displays all the Custom Identity Authentication Service (IAS) tenants configured in your global account. The booster will use it to assign cockpit platform roles like "Subaccount Administrator". Similarly, the Application Identity Provider displays all the Custom IAS tenants associated with the selected subaccount. This IAS tenant will be used by application users having application roles like "BuildAppsDeveloper". Ⓢ

Custom Identity Provider for Platform Users: accounts.sap.com

Custom Identity Provider for Applications: accounts.sap.com

Administrators: tomaz.sauter@sap.com

Administrators will be assigned to the org manager, space manager roles and Build Code Administrator, Subaccount Administrator role collection(s). The logged in user 'tomaz.sauter@sap.com' will be added by default as an Administrator.

Developers: Enter e-mails, separated by commas, spaces, semicolons, or line breaks.

Get Started with SAP Build Code

1 Check Prerequisites → 2 Select Scenario → 3 Configure Subaccount → 4 Add Users → 5 Review

Select Scenario

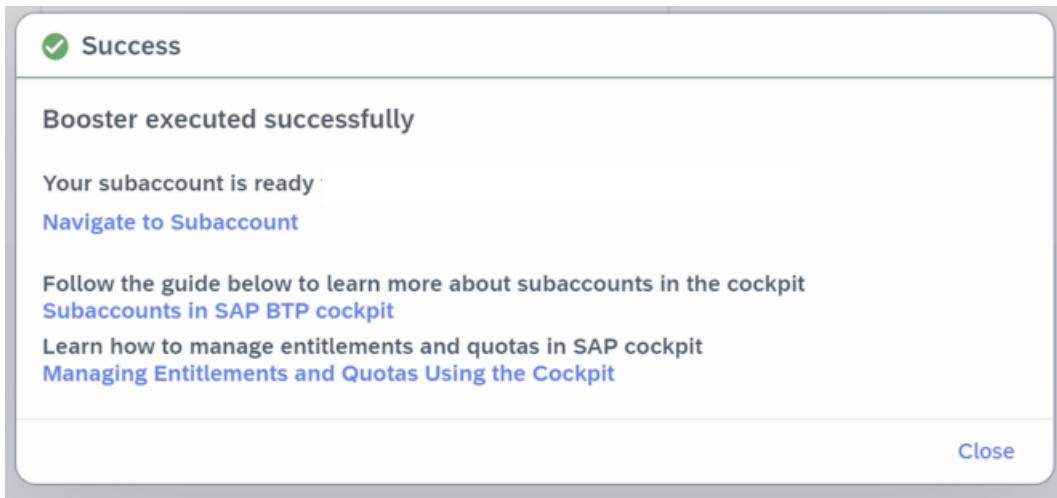
Subaccount Mode: Select Subaccount

Configure Subaccount

Subaccount: Test_WS
Org: SAP_Internal - BTP CSP Landscape_xt1c5npdb7w41z9w
Space: dev

Add Users

Cloud Foundry Origin: sap.ids
XSUAA Origin: sap.default
Application Origin: sap.default
Application IdP Host URL: accounts.sap.com
Administrators: tomaz.sauter@sap.com
Developers: tomaz.sauter@sap.com



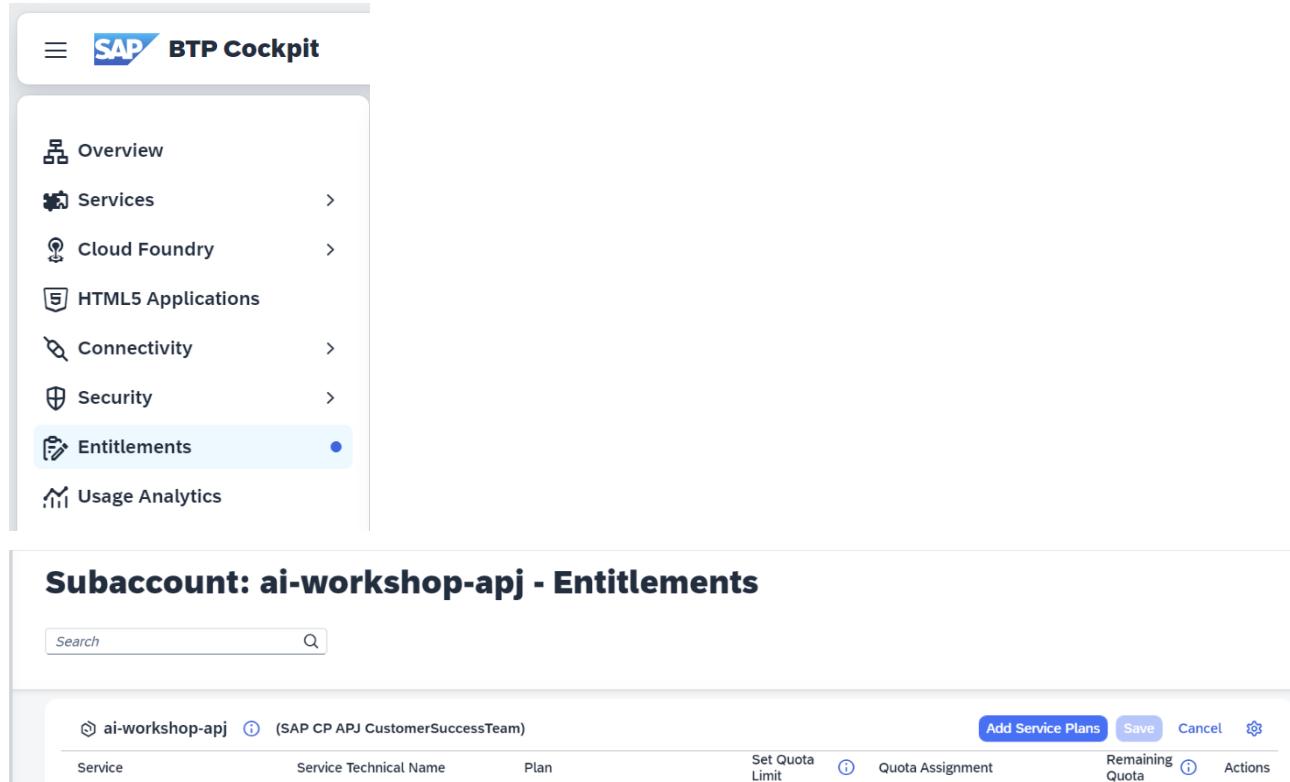
SAP Build Work Zone, standard edition

::: IMPORTANT :::

If you have used booster to activate SAP Build Codo service you can skip this step.

Plan name: standard (Application)

Manual setup: <https://help.sap.com/docs/build-work-zone-standard-edition/sap-build-work-zone-standard-edition/initial-setup>



The screenshot shows the SAP BTP Cockpit interface. The left sidebar menu has several items: Overview, Services, Cloud Foundry, HTML5 Applications, Connectivity, Security, Entitlements (which is highlighted with a blue dot), and Usage Analytics. Below the sidebar, the main content area is titled "Subaccount: ai-workshop-apj - Entitlements". It features a search bar at the top. Below the search bar, there is a header with the subaccount name "ai-workshop-apj" and its description "(SAP CP APJ CustomerSuccessTeam)". To the right of the header are buttons for "Add Service Plans", "Save", "Cancel", and a refresh icon. A table below the header lists columns: Service, Service Technical Name, Plan, Set Quota Limit, Quota Assignment, Remaining Quota, and Actions. The table currently has one row, which is a placeholder row with three dots (...).

Service	Service Technical Name	Plan	Set Quota Limit	Quota Assignment	Remaining Quota	Actions
...

Subaccount ai-workshop-apj: Add Service Plans

Services

Solutions: All work zone sta

Services available to this subaccount

SAP Build Work Zone, standard edition

Can't find what you're looking for?

Service Details: SAP Build Work Zone, standard edition

name: build-workzone-standard | appName: SAPLaunchpad

Available Plans

standard
Integrate SAP Build Work Zone, standard edition with other services using APIs.
Features: Integrate SAP Build Work Zone, standard edition with other services using APIs.

foundation
Sets up the technical requirements for running SAP solutions that utilize the foundation service, such as SAP Start. Please don't manually subscribe to it.
Features: Sets up the technical requirements for running SAP solutions that utilize the foundation service, such as SAP Start. Please don't manually subscribe to it.

foundation (Application)
Sets up the technical requirements for running SAP solutions that utilize the foundation service, such as SAP Start. Please don't manually subscribe to it.

standard (Application)
Build business sites that serve as a unified entry point to applications.

1 selected plan
Services: SAP Build Work Zone, standard edition (1 plan)

Add 1 Service Plan

Click on the **Save button**.

Subaccount: ai-workshop-apj - Entitlements

Search



ai-workshop-apj (Unsaved changes) (SAP CP APJ CustomerSuccessTeam)

Add Service Plans Cancel

Click on **Service Marketplace**.

The screenshot shows the SAP BTP Cockpit interface. On the left, there is a sidebar with the following navigation items:

- Overview**
- Services** (selected)
- Service Marketplace (highlighted with a blue dot)
- Instances and Subscriptions
- Cloud Foundry
- HTML5 Applications
- Connectivity
- Security
- Entitlements
- Usage Analytics

Click on **SAP Build Work Zone, standard edition tile**.

The screenshot shows the "Subaccount: ai-workshop-apj - Service Marketplace" page. At the top, there is a search bar and filter options for Type, Environment, Solution, and Status. Below the filters, there is a section titled "Application Development and Automation" containing a tile for "SAP Build Work Zone, standard edition". The tile includes a logo, the product name, and a brief description: "Simplify access to applications by establishing a central entry point." At the bottom of the page, there is a link "Can't find what you're looking for?"

Click on the **Create button**.



SAP Build Work Zone, standard edition

appName: SAPLaunchpad

Create

...

Overview

Application Plans

Provides users with a central point of access to applications from different sources.

Documentation Discovery Center

Application Plans

Choose an application plan to create a subscription to this application.



Plan	Description	Availability	Active	
standard	Build business sites that serve as a unified entry point to applications.	22		

Select the **standard plan**, click on the **Create button**.

New Instance or Subscription

1

Basic Info

Enter basic info for your instance or subscription.

Service: * [\(i\)](#)

[Can't find what you're looking for?](#)

SAP Build Work Zone, standard edition

Plan: *

standard

[Create](#) [Cancel](#)

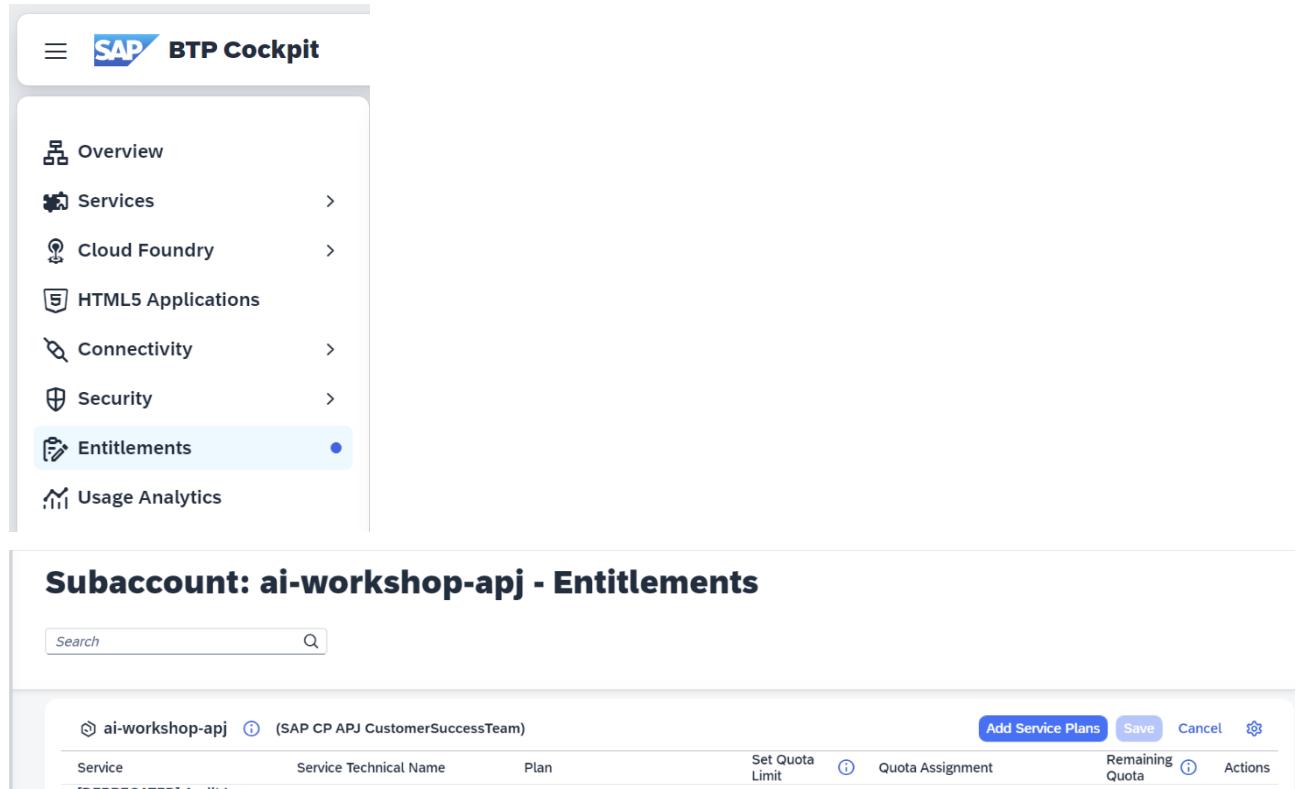
Configure SAP HANA Cloud Instance

Plan Name: hdi-shared

Plan Name: schema

Plan Name: securestore

Manual setup: https://learning.sap.com/learning-journeys/provision-and-administer-databases-in-sap-hana-cloud/provisioning-a-sap-hana-cloud-sap-hana-database_da0928fe-f283-4633-b81e-633276f99dff



The screenshot shows the SAP BTP Cockpit interface. The left sidebar contains navigation links: Overview, Services, Cloud Foundry, HTML5 Applications, Connectivity, Security, Entitlements (which is highlighted with a blue dot), and Usage Analytics. The main content area is titled "Subaccount: ai-workshop-apj - Entitlements". It includes a search bar and a table header with columns: Service, Service Technical Name, Plan, Set Quota Limit, Quota Assignment, Remaining Quota, and Actions. There is also a toolbar with buttons for Add Service Plans, Save, Cancel, and a refresh icon.

Service	Service Technical Name	Plan	Set Quota Limit	Quota Assignment	Remaining Quota	Actions
---------	------------------------	------	-----------------	------------------	-----------------	---------

Subaccount ai-workshop-apj: Add Service Plans

Services

Solutions: All hana hdj X Q

Services available to this subaccount

SAP HANA Schemas & HDI Containers

Services not available to this subaccount for new assignments

SAP HANA Schemas & HDI Containers Trial

Can't find what you're looking for?

Service Details: SAP HANA Schemas & HDI Containers

name: hana ⓘ

Available Plans

hdi-shared
HDI container on a HANA database
Features: HDI container on a HANA database

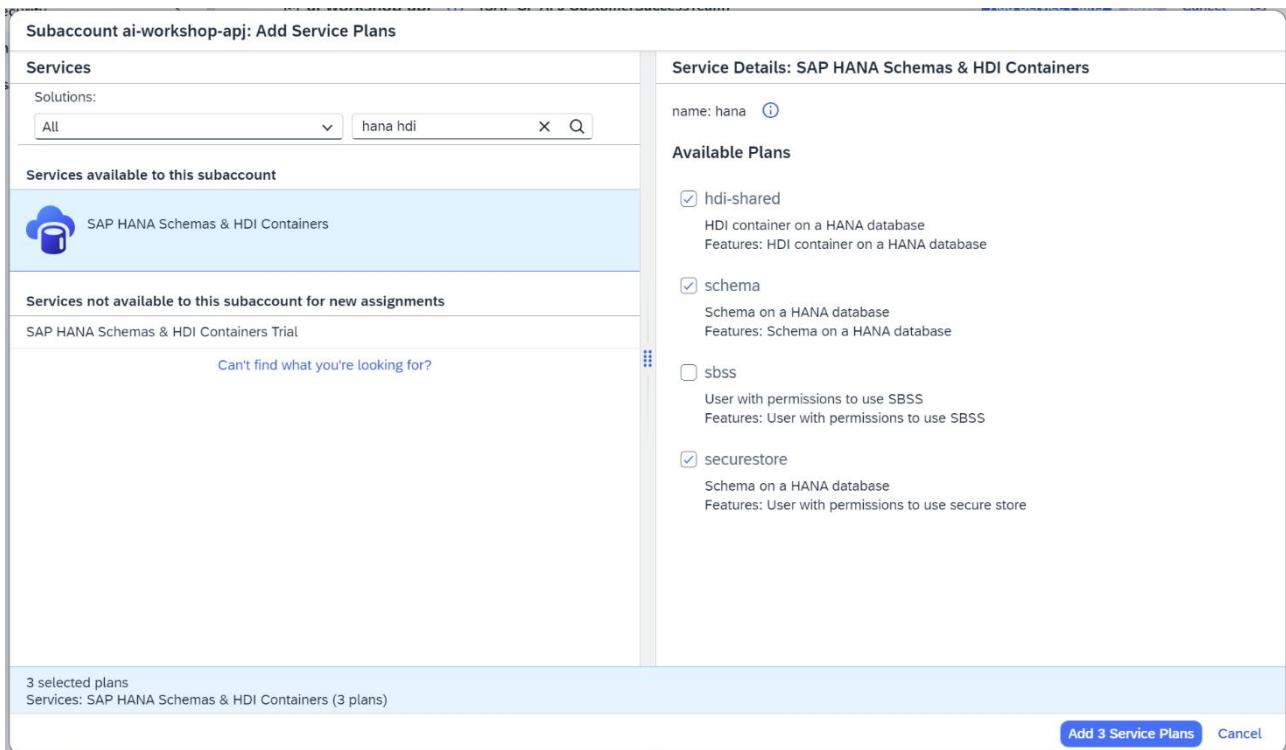
schema
Schema on a HANA database
Features: Schema on a HANA database

sbss
User with permissions to use SBSS
Features: User with permissions to use SBSS

securestore
Schema on a HANA database
Features: User with permissions to use secure store

3 selected plans
Services: SAP HANA Schemas & HDI Containers (3 plans)

Add 3 Service Plans Cancel



Click on the **Save** button.

Subaccount: ai-workshop-apj - Entitlements

Search Q

ai-workshop-apj (Unsaved changes) ⓘ (SAP CP APJ CustomerSuccessTeam)

Add Service Plans Save Cancel ⚙



Click on **Instances and Subscriptions**.

The screenshot shows the SAP BTP Cockpit interface. In the top left, there's a navigation bar with a menu icon, the SAP logo, and the text "BTP Cockpit". Below this is a sidebar with a tree view:

- Overview**
- Services** (selected, indicated by a dropdown arrow)
 - Service Marketplace
 - Instances and Subscriptions (selected, indicated by a blue background)
 - Cloud Foundry >
 - HTML5 Applications >
 - Connectivity >
 - Security >
 - Entitlements >
 - Usage Analytics >

In the **Subscriptions** tab, click on **SAP HANA Cloud**.

The screenshot shows the "Subscriptions" tab in the SAP BTP Cockpit. It displays a list of applications to which the subaccount is currently subscribed:

Application	Plan	Created On	Changed On	Status	Action
SAP AI Launchpad	standard	20 Aug 2024	20 Aug 2024	Subscribed	...
Continuous Integration & Delivery	default	20 Aug 2024	20 Aug 2024	Subscribed	...
SAP HANA Cloud	tools	20 Aug 2024	20 Aug 2024	Subscribed	...
SAP Business Application Studio	standard-edition	20 Aug 2024	20 Aug 2024	Subscribed	...
SAP Build Work Zone, standard...	standard	20 Aug 2024	20 Aug 2024	Subscribed	...

SAP HANA Cloud Central will open in a new tab. Click on the **Create Instance** button.

The screenshot shows the SAP HANA Cloud Central interface, specifically the "Instances" page. The top navigation bar includes the SAP logo and the text "HANA Cloud Central". The main content area has a sidebar with icons for Instances, Subaccounts, Notifications, and Help. The main panel shows the following:

- All Instances** (dropdown menu)
- Create Instance** button
- Search filters: Search, State, Notifications, Type, Version, and Adapt Filters.
- Instances (0) Subaccount Roles (10)** section with a table header:

State	Name	Notifications	Runtime Environment	Memory	Storage	Compute	Scale-out	Replicas	Actions
-------	------	---------------	---------------------	--------	---------	---------	-----------	----------	---------
- No instances message: "No instances"

Select **SAP HANA Cloud, SAP HANA Database**. Select the **Cloud Foundry Space** at the bottom of the page, in the **Runtime Environment** section.

If you cannot select it, you need to click on the link to **Sign Into the Cloud Foundry Environment**.

1. Type

Choose the type of a SAP HANA Cloud instance.

SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, Data Lake

(Cloned) SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, SAP HANA Database provides an in-memory and multi-model database system to store and analyze relational but also document data which allows for real-time data analytics and transactional processing in one combined system.

- In-memory database system
- Multi-model storage & processing engines
- Suitable for OLAP and OLTP workloads
- Hybrid Extension to on-premise SAP HANA systems
- Associated with a data lake instance

Runtime Environment

i The Cloud Foundry environment is enabled for this subaccount. To create an instance on Cloud Foundry, [Sign Into the Cloud Foundry Environment](#)

⚠ After the instance has been created, you can no longer change its runtime environment.

[Other Environments](#)

[Cloud Foundry](#)

Click on **AUTHORIZE** button.

Application Authorization

dashboard_client-hana-tooling-k8s

<https://achs-customer-poc-q2ooje6q.hana-tooling.ingress.orchestration.prod-ap10.hanacloud.ondemand.com/environment/053ED071-9691-4F46-856B-4B334FBD2223/callback>

dashboard_client-hana-tooling-k8s has requested permission to access your account. If you do not recognize this application or its URL, you should click Deny. The application will not see your password.

- Access profile information, i.e. email, first and last name, and phone number
- View details of your applications and services
- Push applications to your account and create and bind services
- Verify user permission to manage service instances

You can change your approval of permissions or revoke access for this application at any time from the account settings. By approving access, you agree to dashboard_client-hana-tooling-k8s's terms of service and privacy policy.

DENY

AUTHORIZE

Click on **Close** button.



Sign-in Successful

You may return to SAP HANA Cloud Central. This page will automatically close in 10 seconds.

[Close](#)

Back to the **SAP HANA Cloud** configuration, select **Cloud Foundry** as the **Runtime Environment**, and select the **Space**.

Click on the **Next Step button**.

Instances / Create Instance

1 Type

1. Type

Choose the type of a SAP HANA Cloud instance.

SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, Data Lake

(Cloned) SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, SAP HANA Database

SAP HANA Cloud, SAP HANA Database provides an in-memory and multi-model database system to store and analyze relational but also document data which allows for real-time data analytics and transactional processing in one combined system.

- In-memory database system
- Multi-model storage & processing engines
- Suitable for OLAP and OLTP workloads
- Hybrid Extension to on-premise SAP HANA systems
- Associated with a data lake instance

Runtime Environment

⚠ After the instance has been created, you can no longer change its runtime environment.

Other Environments Cloud Foundry

Space: * dev

Organization: ai-workshop-api

Enter an **Instance Name**, enter the **Administrator Password**, click on **Next Step button**.

Instances / Create Instance

1 Type 2 General 3 SAP HANA Database 4 SAP HANA Database Availability Zone an... 5 SAP HANA Databas... (Optional) 6 Data Lake

2. General

Basics

Instance Name: *

⚠ After the instance has been created, you can no longer change its name.

Description: 255 characters remaining

Administrator: DBADMIN

Administrator Password: * Enter password

Confirm Administrator Password: *

ℹ DBADMIN and HDLADMIN passwords expire after 180 days.

Show password

Version

Version: 2024.14 (QRC 2/2024)

Maintained until Jan 18, 2025

Total Estimate

941 CU / month

Based on selected configuration only

Maximum Available Data Tiering

Details

SAP HANA Database	Total Estimate
Memory 32 GB	537.28 CU
Compute 2 vCPUs	233.6 CU
Storage 120 GB	71.17 CU
Backup Storage 672 GB	84.31 CU
Replicas 0	0 CU
Connections IP addresses from Cloud Foundry in this BTP region	
Cloud Connector Disabled	0 CU
Network Transfer 32 GB	14.02 CU

Data Lake
Not selected

Change **Memory** and **Storage** if required. Click on the **Next Step button**.

Instances / Create Instance

1 Type ————— 2 General ————— 3 SAP HANA Database ————— 4 SAP HANA Database Availability Zone and... ————— 5 SAP HANA Database ... (Optional) ————— 6

3. SAP HANA Database

Choose a performance class that will provide an optimal performance-cost balance for this instance with its expected workload.

Instance: *

Memory — Default compute-memory ratio, which is suitable for most workloads

Compute-Memory Ratio:
1:13 – 16

Available Memory Range:
32 GB – 5970 GB

Memory: * GB

Storage: * GB

⚠️ With the current version of SAP HANA Cloud, the storage size cannot be decreased after the instance has been created.

Compute:
2 vCPUs
The number of vCPUs (compute) is automatically allocated according to the size of memory of your instance.

Total Estimate

941 CU / month

i Based on selected configuration only

Maximum Available Data Tiering

SAP HANA Database	(aiworkshop)	940.39 CU
Total Estimate		940.39 CU
Memory	32 GB	537.28 CU
Compute	2 vCPUs	233.6 CU
Storage	120 GB	71.17 CU
Backup Storage	672 GB	84.31 CU
Replicas	0	0 CU
Connections	IP addresses from Cloud Foundry in this BTP region	
Cloud Connector	Disabled	0 CU
Network Transfer	32 GB	14.02 CU
Data Lake	Not selected	

Change **Availability Zone** if required. Click on the **Next Step button**.

1 General ————— 3 SAP HANA Database ————— 4 SAP HANA Database Availability Zone and... ————— 5 SAP HANA Database ... (Optional) ————— 6 Data Lake

4. SAP HANA Database Availability Zone and Replicas

Choose your preferred availability zone to improve the performance of the instance and its replicas. Deploying additional replicas of your SAP HANA database instance will ensure its continuity.

Availability zones in which the instance and each replica are created. This can impact the latency of the instance as well as its continuity.

⚠️ You cannot change the availability zone of the instance after it has been created.

Add Replica

Role	Replication Mode	Availability Zone
Source		Assign Automatically

Total Estimate

941 CU / month

ⓘ Based on selected configuration only

Maximum Available Data Tiering



▲ Details

SAP HANA Database (aiworkshop)

Total Estimate	940.39 CU
Memory	32 GB
Compute	2 vCPUs
Storage	120 GB
Backup Storage	672 GB
Replicas	0
Connections	IP addresses from Cloud Foundry in this BTP region
Cloud Connector	Disabled
Network Transfer	32 GB
	0 CU
	14.02 CU

Data Lake

Not selected

Select **Allow all IP addresses** (this is for workshop only; you may not want to do it for production instances). Click on the **Next Step button**.



5. SAP HANA Database Advanced Settings

Additional Features

Info: Adding features to an instance may require more memory and increase your licensing cost.

- Script Server
- Document Store

Data Provisioning Server

Enable the Data Provisioning Server when using SAP HANA smart data integration (SDI) with this instance.

- Data Provisioning Server

Connections

You can choose to only allow access to the instance from Business Technology Platform (BTP) which is the default, allow all access, or only from trusted IP addresses by specifying IP address filter ranges.

Warning: Changing the allowed IP addresses in your SAP HANA database does not automatically sync the new settings to data lake. You have to edit data lake settings individually for them to match.

Allowed connections: *

- Allow only IP addresses from Cloud Foundry in ...
- Allow all IP addresses
- Allow specific IP addresses and IP ranges

(in addition to Cloud Foundry in BTP)

Cloud Connector

Allows the instance to connect to on-premise SAP HANA and SAP IQ databases.



Total Estimate



941 CU / month

Info: Based on selected configuration only

Maximum Available Data Tiering



Details

SAP HANA Database (aiworkshop)

Total Estimate	940.39 CU
Memory	32 GB 537.28 CU
Compute	2 vCPUs 233.6 CU
Storage	120 GB 71.17 CU
Backup Storage	672 GB 84.31 CU
Replicas	0 0 CU
Connections	All IP addresses
Cloud Connector	Disabled 0 CU
Network Transfer	32 GB 14.02 CU

Data Lake

Not selected

Click on the **Review and Create** button.

Instances / Create Instance

1 General ————— 3 SAP HANA Database ————— 4 SAP HANA Database Availability Zone and... ————— 5 SAP HANA Database ... (Optional) ————— 6 Data Lake

6. Data Lake

Create Data Lake:
Creates a data lake instance that is integrated with your SAP HANA database instance. The data lake instance is composed of data lake Relational Engine and data lake Files.



Total Estimate 

941 CU / month

 [Based on selected configuration only](#)

Maximum Available Data Tiering



- 32 GB SAP HANA Database In-memory
- 120 GB SAP HANA Database Disk
- 0 GB Data Lake Storage

 **Details**

SAP HANA Database (aiworkshop)		940.39 CU
Total Estimate	940.39 CU	
Memory	32 GB	537.28 CU
Compute	2 vCPUs	233.6 CU
Storage	120 GB	71.17 CU
Backup Storage	672 GB	84.31 CU
Replicas	0	0 CU
Connections	All IP addresses	
Cloud Connector	Disabled	0 CU
Network Transfer	32 GB	14.02 CU

Data Lake
Not selected

Click on the **Create Instance** button.

New Instance

SAP HANA Database Instance

General

Edit

Location

Organization:

ai-workshop-apj

Space:

dev

Basics

Instance Name:

aiworkshop

Description:

User:

DBADMIN

Password:

***** Show password

Total Estimate



941 CU / month

[Based on selected configuration only.](#)

Maximum Available Data Tiering



Details

SAP HANA Database (aiworkshop)

Total Estimate	940.39 CU
Memory	32 GB
Compute	2 vCPUs
Storage	120 GB
Backup Storage	672 GB
Replicas	0
Connections	All IP addresses
Cloud Connector	Disabled
Network Transfer	32 GB
	14.02 CU

Data Lake

Not selected

Version

Version:

2024.14 (QRC 2/2024)

Size

Edit

Memory per Node:

32 GB

Total

Storage per Node:

120 GB

Memory:

32 GB (32 GB × 1)

Coordinator:

1

Compute:

2 vCPUs (2 vCPUs × 1)

Additional Workers:

0

Storage:

120 GB (120 GB × 1)

Availability Zone and Replicas

Edit

Instance

Replicas

Selection Mode:

SAP HANA Cloud

Number of Replicas:

0

Copy Configuration

Create Instance

Cancel

SAP HANA Cloud Central

Last refreshed at 6:20:36 PM

Instances

All Instances ▾

Create Instance

Search: State: Notifications: Type: Version:

Instance ID or name

Adapt Filters

Instances (1) Subaccount Roles (10)

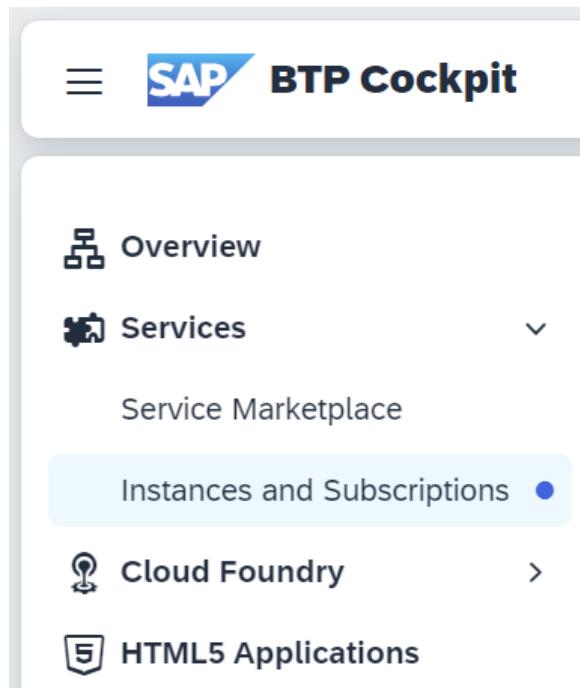
Group Instances

State	Name	Notifications	Runtime Environment	Memory	Storage	Compute	Scale-out	Actions	
Creating	aiworkshop		Cloud Foundry	32 GB	120 GB	2 vCPUs	1 node	...	>

Replicas:
0 replicas

Configure AI Launchpad Integration to AI Core

In the SAP BTP Cockpit, go to the subaccount, navigate to **Instances and Subscriptions**.



On the **Instances** tab, click on the AI Core service instance (**default_aicore** in the image).

The screenshot shows the "Instances (4)" tab in the SAP BTP Cockpit. At the top, it displays the message "Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments". Below this is a table with the following data:

Instance	Se...	Plan	Ru...	Scop	Cr...	Status	Actions
default_aicore	SA...	extenc	Cl...	dev	1 k...	Created	... >
default_cicd-service	Co...	default	Ot...		1 s...	Created	... >
default_connectivity	Co...	lite	Cl...	dev		Created	... >
default_destination	De...	lite	Cl...	dev		Created	... >

Click on the **Thee Dots button**, then click on **Download** to get the **Service Key**.

default_aicore

[View Credentials](#) ...

Instance ID: 75459d4f-2c2d-4712-b3b6-abded177d9f5 [Copy](#)
Service: SAP AI Core
Service Technical Name: aicore
Status: Created

Plan Display Name: Extended
Plan: extended
Runtime Environment: Cloud Foundry
Scope: dev

Created On: 20 Aug 2024
Changed On: 20 Aug 2024

[Bound Applications \(0\)](#)[Service Keys \(1\)](#)[Labels \(0\)](#)[Create](#)

Name

Created On

Modified On

Status

No bound applications.

Service Keys (1)

[Create](#)

Name

Created On

Modified On

Status

defaultKey_75459d4f-2c2d-4712-b3b6-abded177d9 20 Aug 2024

20 Aug 2024

Created

...

[View](#)
[Download](#)
[Delete](#)
[Add](#)

Labels (0)

No labels assigned to this instance. Click 'Add' to assign labels.

Go back to **Instances and Subscriptions**. In the **Subscriptions tab**, click on **SAP AI Launchpad**.

[Subscriptions \(4\)](#) [Instances \(4\)](#) [Environments \(1\)](#)

Applications to which your subaccount is currently subscribed

[⚙️](#)

Application	Plan	Created ...	Changed...	Status	
SAP AI Launchpad	standard	20 Aug 2...	20 Aug 2...	Subscribed	... >
Continuous Integration & Delivery	default	20 Aug 2...	20 Aug 2...	Subscribed	... >
SAP HANA Cloud	tools	20 Aug 2...	20 Aug 2...	Subscribed	... >
SAP Business Application Studio	standard-edition	20 Aug 2...	20 Aug 2...	Subscribed	... >

SAP AI Launchpad will open in a new tab, navigate to it. Click on the **Add button**.

The screenshot shows the SAP AI Launchpad interface. In the top left, there's a blue SAP logo and the text "SAP AI Launchpad". On the right, there's a blue circular icon with "ML" and a small "ML" icon. The main area is titled "Workspaces". Below it, a section titled "AI API Connections (0)" contains the message "Select an AI API connection as your workspace." and a button labeled "No AI API Connection". At the top right of this section are a "Search" input field with a magnifying glass icon and a blue "Add" button.

The popup is used to create a new connection. Set a **Connection Name**, click on the **Service Key button**, select the **Service Key** previously downloaded from the **SAP AI Core service** (all fields will be filled up), click on **Create button**.

This is a modal dialog box titled "Create AI API Connection". It contains the following fields:

- Connection Name ***: An input field with a placeholder.
- Service Key**: An input field with a file upload icon (blue arrow inside a box).
- Connection Type**: A radio button group with two options: "Secret" (selected) and "Certificate".
- AI API URL ***: An input field.
- XSUAA URL ***: An input field followed by a dropdown menu containing "/oauth/token".
- Client ID ***: An input field with a visibility toggle icon (eye icon).
- Client Secret ***: An input field with a visibility toggle icon (eye icon).

At the bottom are two buttons: a blue "Create" button and a white "Cancel" button.

SAP SAP AI Launchpad myaicoreconnection (default) ML

Workspaces Generative AI Hub SAP AI Core Administrat... ML Operations

Workspaces

AI API Connections (1)

Select an AI API connection as your workspace.

myaicoreconnection

Edit Delete ⌂

myaicoreconnection

Tenant ID
b6b20812-8602-479a-9cbf-c6b5dbdb5774

Resource Groups (1)

Select a resource group as your workspace.

default

Created On:
20 Aug 2024

0 ⌂

Search ⌂ ...

This screenshot shows the SAP AI Launchpad interface. The left sidebar has links for Workspaces, Generative AI Hub, SAP AI Core Administration, and ML Operations. The main area is titled 'Workspaces' and contains a section for 'AI API Connections'. It shows one connection named 'myaicoreconnection' with options to Edit, Delete, or copy it. To the right, a specific workspace named 'myaicoreconnection' is selected. It displays its Tenant ID (b6b20812-8602-479a-9cbf-c6b5dbdb5774). Below this is the 'Resource Groups' section, which also lists one group named 'default' created on 20 Aug 2024. There are buttons for Search and more options at the top right of the resource group list.

Create AI Core Destination

SAP BTP Destinations: <https://help.sap.com/docs/connectivity/sap-btp-connectivity-cf/managing-destinations>

In the SAP BTP Cockpit, navigate to **Destinations**.

The screenshot shows the SAP BTP Cockpit interface. The left sidebar contains a navigation menu with the following items:

- Overview
- Services >
- Cloud Foundry >
- HTML5 Applications
- Connectivity >
 - Destinations (selected, highlighted with a blue border)
 - Destination Certificates
 - Destination Trust
 - Cloud Connectors
- Security >
- Entitlements
- Usage Analytics

Click on **Create Destination**.

The screenshot shows the SAP BTP Destinations list page for the subaccount "ai-workshop-apj". The page includes a search bar and a survey invitation at the top. Below is a table with columns for Type, Name, Basic Properties, and Actions. A "Create Destination" button is located at the top right of the table area.

Type	Name	Basic Properties	Actions

Create a new destination with the properties below. The placeholders (<serviceurls.AI_API_URL>, <clientid>, <clientsecret>, <url>) must be replaced with the values from the **AI Core credentials** below mentioned:

Name=GENERATIVE_AI_HUB

Type=HTTP

URL=<serviceurls.AI_API_URL>/V2

ProxyType=Internet

Authentication=OAuth2ClientCredentials

clientId=<clientid>

clientSecret=<cliensecret>

tokenServiceURL=<url>/oauth/token

tokenServiceURLType=Dedicated

HTML5.Timeout=300000

HTML5.DynamicDestination=true

Destination Configuration

Name:	GENERATIVE_AI_HUB	Additional Properties	
Type:	HTTP	New Property	<input type="button" value="Delete"/>
Description:			<input type="button" value="Delete"/>
URL:	https://api.ai.prod.ap-southeast-2.aws.ml...		<input type="button" value="Delete"/>
Proxy Type:	Internet		<input type="checkbox"/> Use default JDK truststore
Authentication:	OAuth2ClientCredentials		
Use mTLS for token retrieval	<input type="checkbox"/>		
Client ID:	sb-75459d4f-2c2d-4712-b3b6-abded177d...		
Client Secret:	*****		
Token Service URL Type:	Dedicated	Common	
Token Service URL:	https://sxh6r4z22x9k34l2.authentication.a...		
Token Service User:			
Token Service Password:			

The information required to create the destination will be found in the AI Core's Service Key instance.

In the SAP BTP Cockpit, navigate to **Services > Instances and Subscriptions**.



Overview

Services ▼

Service Marketplace

Instances and Subscriptions ●

Cloud Foundry >

HTML5 Applications

On the **Instances tab**, click on the AI Core service instance (**default_aicore** in the image).

Subscriptions (4) Instances (4) Environments (1)

Instances (4)

Service instances created in: Cloud Foundry | Kyma/Kubernetes | Other environments



Instance	Se...	Plan	Ru...	Scop	Cr...	Status	Actions
default_aicore	SA...	extenc	Cl...	dev	1 k...	Created	>
default_cicd-service	Co...	default	Ot...		1 s...	Created	>
default_connectivity	Co...	lite	Cl...	dev		Created	>
default_destination	De...	lite	Cl...	dev		Created	>

Click on **View Credentials** at the top, or, on the **Service Key Name** to open a dialog with the information required in the **Destination**.

default_aicore

Instance ID: 75459d4f-2c2d-4712-b3b6-abded177d9f5 [Edit](#)

Service: SAP AI Core

Service Technical Name: aicore

Status: Created

Plan Display Name: Extended

Plan: extended

Runtime Environment: Cloud Foundry

Scope: dev

Created On: 20 Aug 2024

Changed On: 20 Aug 2024

Bound Applications (0) Service Keys (1) Labels (0)

No bound applications.

Service Keys (1)

Name	Created On	Modified On	Status	...
default_aicore-service-key	26 Aug 2024	26 Aug 2024	Created	...

[Create](#)

Credentials

default_aicore-service-key

Form JSON

```
1 [{}]
2   "clientid": "sb-75459d4f-2c2d-[REDACTED]", ...
3   "clientsecret": "6058f16f-de36-4c5e-9e4e[REDACTED]", ...
4   "url": "https://[REDACTED] authentication.ap10.hana.ondemand.com", ...
5   "identityzone": "[REDACTED]", ...
6   "identityzoneid": "b6b20812-[REDACTED]", ...
7   "appname": "75459d4f-2c2d-[REDACTED]", ...
8   "serviceurls": {
9     "AI_API_URL": "https://api.ai.prod.ap-southeast-2.aws.ml.hana.ondemand.com"
10   }
11 ]
```

Copy JSON Download Close