

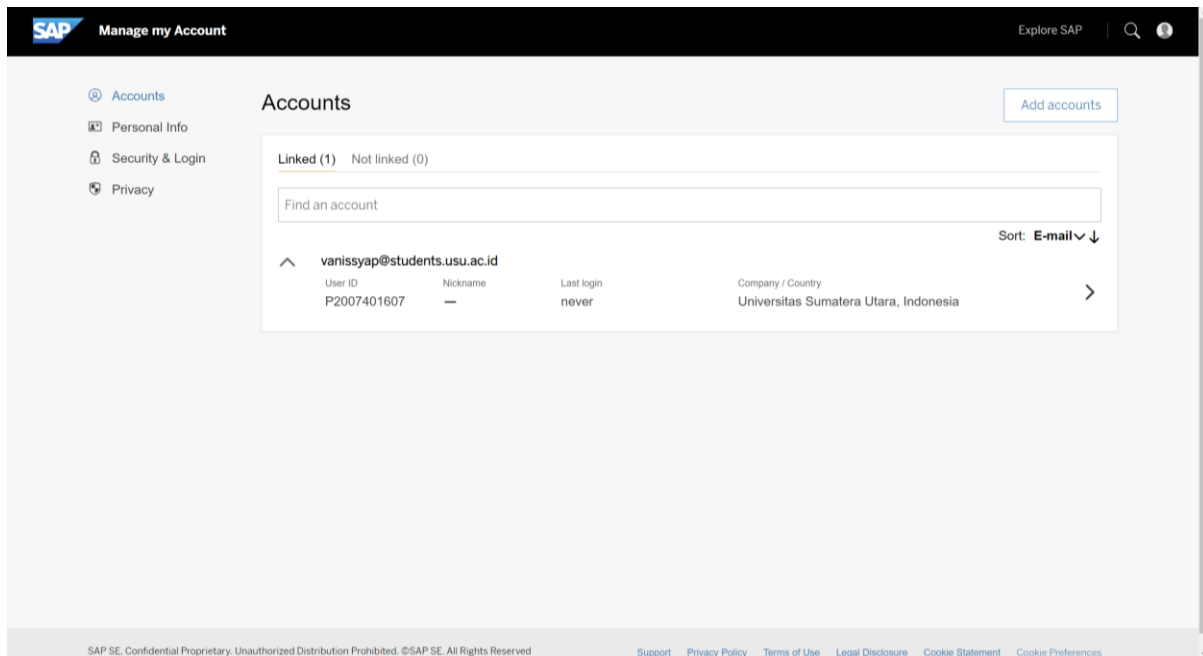
Nama : Vanissya Arbashika Putri

NIM : 201402103

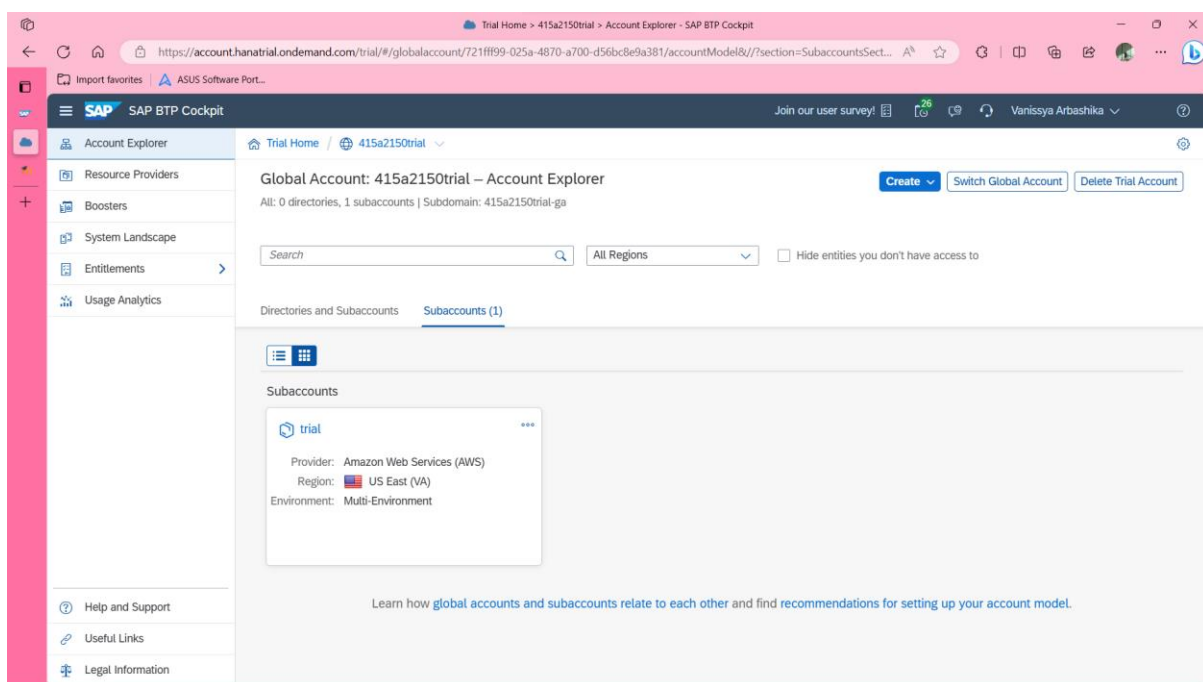
Mata Kuliah : EDS

## Tugas Modul 1

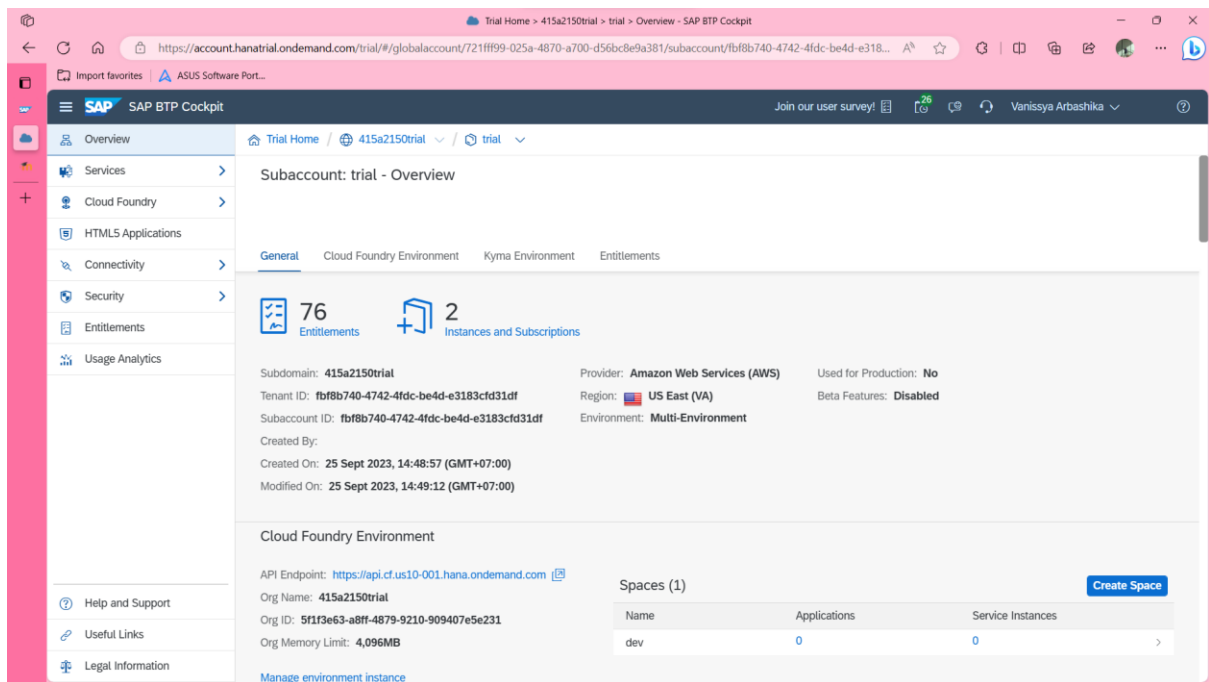
### 1. Langkah pertama yaitu membuat akun SAP HANA Cloud



### 2. Halaman Account Explorer



### 3. Masuk ke halaman Overview



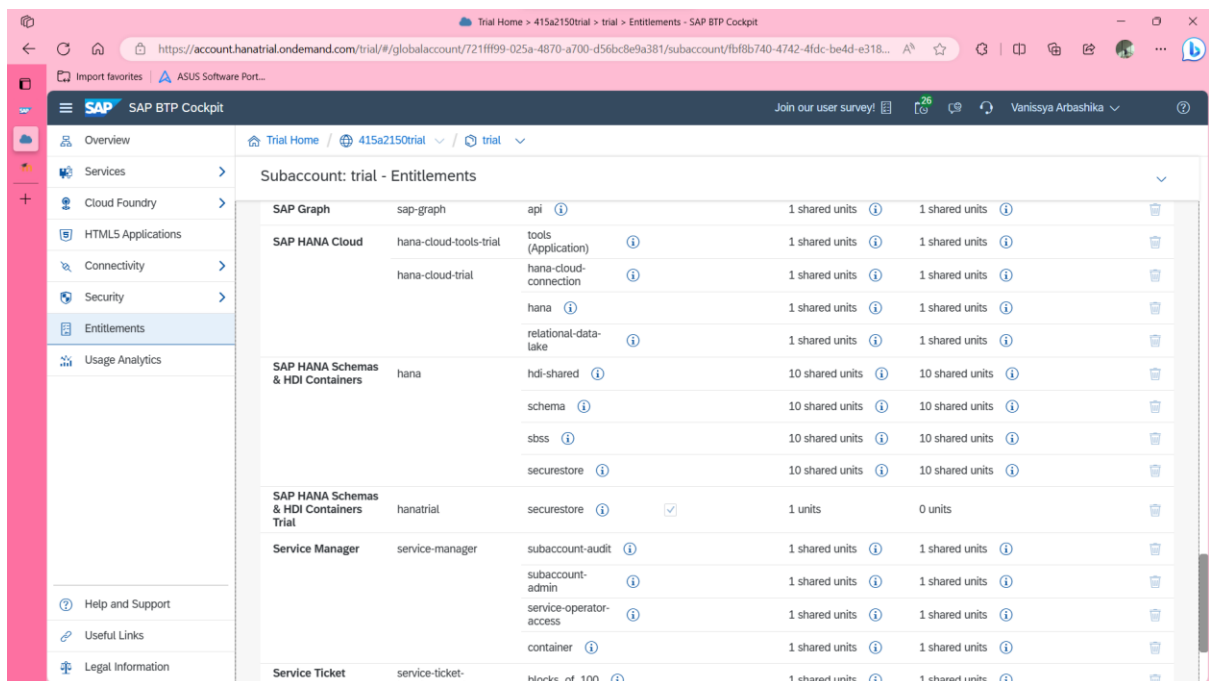
The screenshot shows the SAP BTP Cockpit Overview page for a trial subaccount. The left sidebar contains navigation links for Overview, Services, Cloud Foundry, HTML5 Applications, Connectivity, Security, Entitlements, and Usage Analytics. The main content area displays the subaccount overview with the following details:

- Subdomain:** 415a2150trial
- Tenant ID:** fbfb740-4742-4fdc-be4d-e3183cfd31df
- Subaccount ID:** fbfb740-4742-4fdc-be4d-e3183cfd31df
- Created On:** 25 Sept 2023, 14:48:57 (GMT+07:00)
- Modified On:** 25 Sept 2023, 14:49:12 (GMT+07:00)
- Provider:** Amazon Web Services (AWS)
- Region:** US East (VA)
- Environment:** Multi-Environment
- Used for Production:** No
- Beta Features:** Disabled

Below the overview, the Cloud Foundry Environment section shows the API Endpoint, Org Name, Org ID, and Org Memory Limit. A table lists the Spaces (1) with columns for Name, Applications, and Service Instances.

Name	Applications	Service Instances
dev	0	0

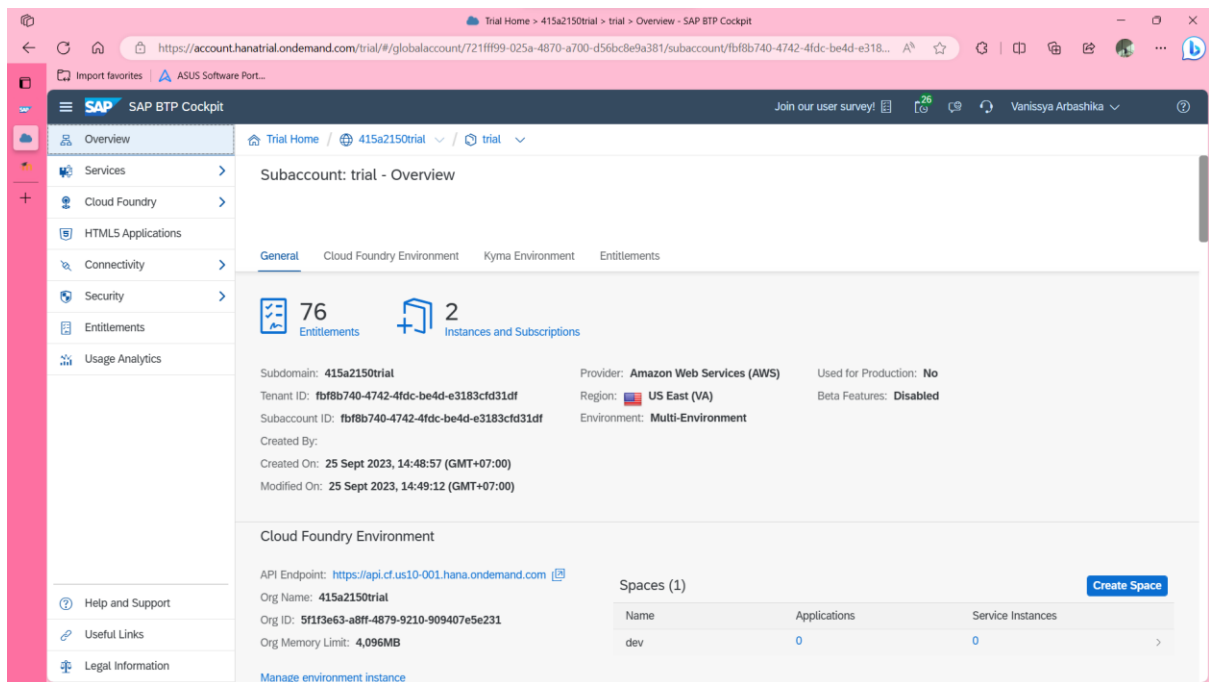
### 4. Masuk ke halaman Entitlements, cek apakah sudah ada SAP HANA Cloud & SAP HANA Schemas & HDI Containers



The screenshot shows the SAP BTP Cockpit Entitlements page for the same trial subaccount. The left sidebar is the same as the Overview page. The main content area displays a table of entitlements for the subaccount.

Entitlement	Product	Service	Unit	Value	Unit	Value
SAP Graph	sap-graph	api	1 shared units	1 shared units	1 shared units	1 shared units
SAP HANA Cloud	hana-cloud-tools-trial	tools (Application)	1 shared units	1 shared units	1 shared units	1 shared units
		hana-cloud-connection	1 shared units	1 shared units	1 shared units	1 shared units
		hana	1 shared units	1 shared units	1 shared units	1 shared units
		relational-data-lake	1 shared units	1 shared units	1 shared units	1 shared units
SAP HANA Schemas & HDI Containers	hana	hdi-shared	10 shared units	10 shared units	10 shared units	10 shared units
		schema	10 shared units	10 shared units	10 shared units	10 shared units
		sbss	10 shared units	10 shared units	10 shared units	10 shared units
		securestore	10 shared units	10 shared units	10 shared units	10 shared units
SAP HANA Schemas & HDI Containers Trial	hanatrial	securestore	1 units	0 units	1 units	0 units
		subaccount-audit	1 shared units	1 shared units	1 shared units	1 shared units
		subaccount-admin	1 shared units	1 shared units	1 shared units	1 shared units
		service-operator-access	1 shared units	1 shared units	1 shared units	1 shared units
Service Manager	service-manager	container	1 shared units	1 shared units	1 shared units	1 shared units
		blocks of 100	1 shared units	1 shared units	1 shared units	1 shared units

## 5. Balik lagi ke halaman Overview



The screenshot shows the SAP BTP Cockpit Overview page for a trial subaccount. The left sidebar contains navigation links for Overview, Services, Cloud Foundry, HTML5 Applications, Connectivity, Security, Entitlements, and Usage Analytics. The main content area displays the subaccount details for 'trial - Overview'.

**Subaccount: trial - Overview**

**General** | Cloud Foundry Environment | Kyma Environment | Entitlements

76 Entitlements | 2 Instances and Subscriptions

Subdomain: 415a2150trial  
Tenant ID: fbfb740-4742-4fdc-be4d-e3183cfd31df  
Subaccount ID: fbfb740-4742-4fdc-be4d-e3183cfd31df  
Created By:  
Created On: 25 Sept 2023, 14:48:57 (GMT+07:00)  
Modified On: 25 Sept 2023, 14:49:12 (GMT+07:00)

Provider: Amazon Web Services (AWS)  
Region: US East (VA)  
Environment: Multi-Environment  
Used for Production: No  
Beta Features: Disabled

**Cloud Foundry Environment**

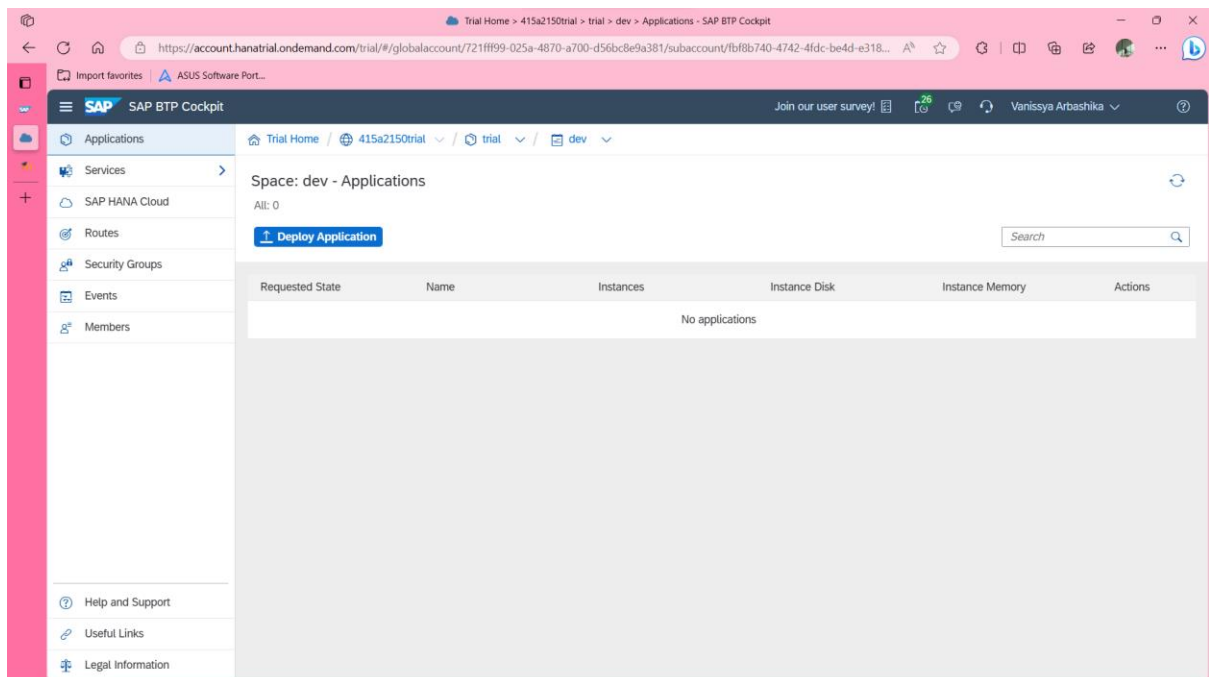
API Endpoint: <https://api.cf.us10-001.hana.ondemand.com>  
Org Name: 415a2150trial  
Org ID: 5f1f3e63-a8ff-4879-9210-909407e5e231  
Org Memory Limit: 4,096MB

**Spaces (1)**

Name	Applications	Service Instances
dev	0	0

[Manage environment instance](#) [Create Space](#)

## 6. Setelah klik dibagian dev akan masuk ke halaman Applications



The screenshot shows the SAP BTP Cockpit Applications page for the 'dev' space. The left sidebar contains navigation links for Applications, Services, SAP HANA Cloud, Routes, Security Groups, Events, and Members. The main content area displays the 'Space: dev - Applications' page.

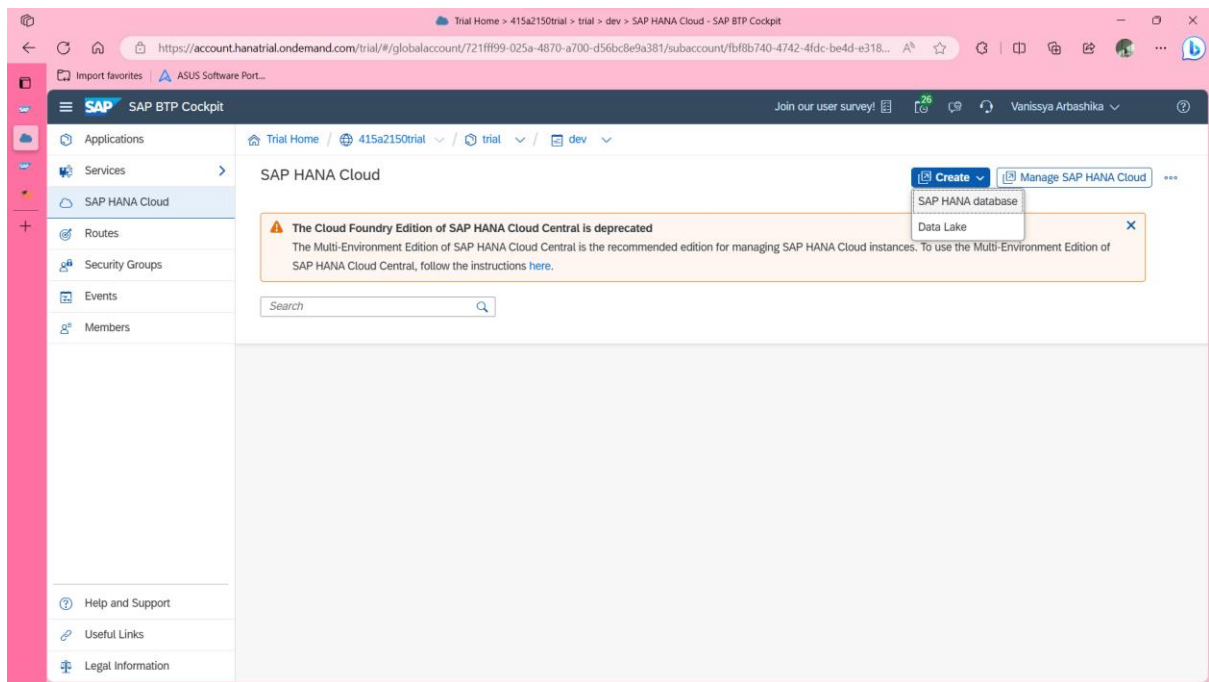
**Space: dev - Applications**

All: 0

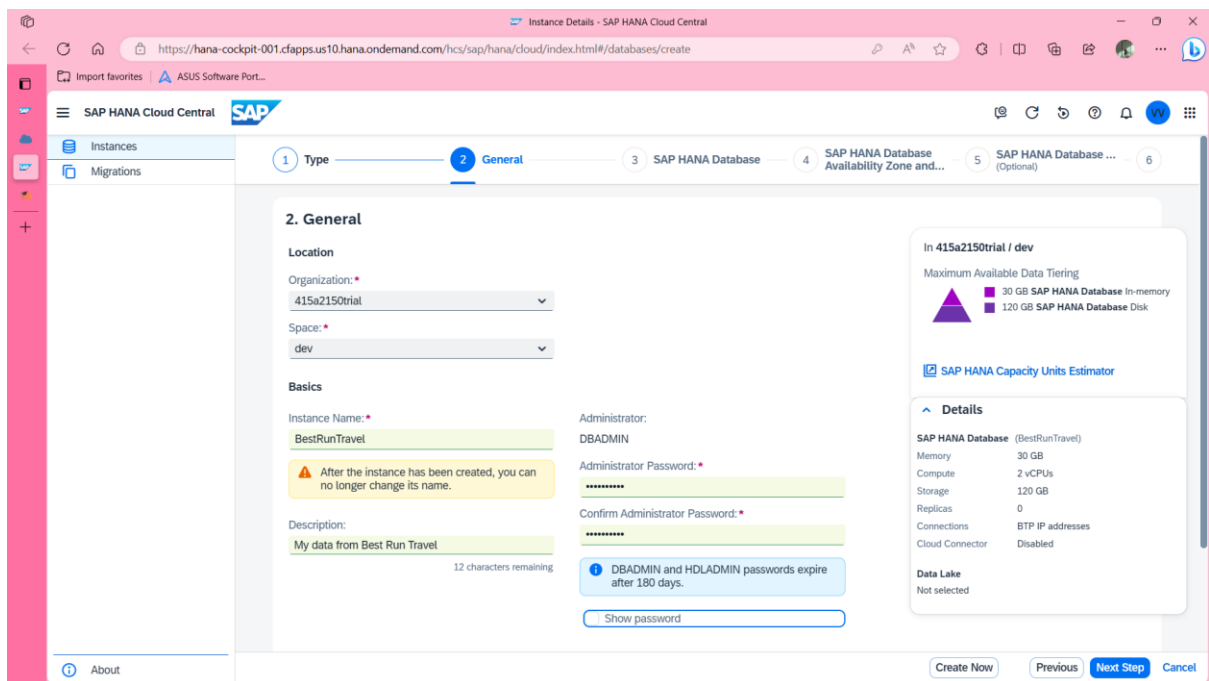
[Deploy Application](#)

Requested State	Name	Instances	Instance Disk	Instance Memory	Actions
No applications					

## 7. Buat SAP HANA database



## 8. Kemudian akan dialihkan ke halaman Instances isi hal yang diperlukan dan lanjut ke next step



## 9. Biarkan sesuai default dan lanjut ke next step

The screenshot shows the '3. SAP HANA Database' configuration step in the SAP HANA Cloud Central console. The breadcrumb trail at the top indicates the sequence: 1 Type, 2 General, 3 SAP HANA Database, 4 SAP HANA Database Availability Zone and..., 5 SAP HANA Database ... (Optional), and 6. The main configuration area includes a memory slider set to 30 GB, storage set to 120 GB, and compute set to 2 vCPUs. A right-hand sidebar displays the instance details for 'In 415a2150trial / dev', showing a maximum available data tiering of 30 GB in-memory and 120 GB disk. Below this is a 'SAP HANA Capacity Units Estimator' and a 'Details' section listing the instance's specifications: Memory (30 GB), Compute (2 vCPUs), Storage (120 GB), Replicas (0), Connections (BTP IP addresses), and Cloud Connector (Disabled). The 'Data Lake' is currently 'Not selected'. At the bottom right, there are buttons for 'Create Now', 'Previous', 'Next Step', and 'Cancel'.

## 10. Pilih “Allow all IP addresses”, selanjutnya ke next step

The screenshot shows the '5. SAP HANA Database Advanced Settings' configuration step. The breadcrumb trail is updated to include '5. SAP HANA Database Advanced Settings'. The 'Connections' section explains that users can choose to allow access from the Business Technology Platform (BTP) or specify IP address filter ranges. A yellow warning box states: '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.' Under 'Allowed connections:', the 'Allow all IP addresses' radio button is selected. The 'Cloud Connector' section, which includes a description and a toggle switch, is currently disabled. The right-hand sidebar remains the same as in the previous step, showing instance details and capacity estimator. The bottom navigation bar still contains the 'Create Now', 'Previous', 'Next Step', and 'Cancel' buttons.

## 11. Isi Instance Name dan lanjut ke next step

The screenshot shows the '6. Data Lake' configuration step in the SAP HANA Cloud Central console. The breadcrumb trail at the top indicates the sequence: 3, 4, 5, 6 (Data Lake), 7, 8. The main content area is titled '6. Data Lake' and includes a description: '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 on trial.' Below this, the 'Basics' section contains the 'Instance Name' field, which is filled with 'BestRunTravelDL'. A warning message states: 'After the instance has been created, you can no longer change its name.' The 'Associated SAP HANA Database Instance' is listed as 'BestRunTravel'. To the right, a 'Details' panel shows the configuration for the 'SAP HANA Database (BestRunTravel)' and the 'Data Lake (BestRunTravelDL)'. The database configuration includes 30 GB Memory, 2 vCPUs Compute, 120 GB Storage, 0 Replicas, All IP addresses Connections, and Disabled Cloud Connector. The data lake configuration includes BTP IP addresses Connections, 4 vCPUs Compute, and 2 vCPUs Coordinators. At the bottom right, there are buttons for 'Create Now', 'Previous', 'Next Step', and 'Cancel'.

Instance Name:

When adding an integrated data lake instance, both DBADMIN and HDLADMIN administration users are automatically created with the same password.

Administrator: HDLADMIN

Associated SAP HANA Database Instance: BestRunTravel

**Details**

**SAP HANA Database (BestRunTravel)**

- Memory: 30 GB
- Compute: 2 vCPUs
- Storage: 120 GB
- Replicas: 0
- Connections: All IP addresses
- Cloud Connector: Disabled

**Data Lake (BestRunTravelDL)**

- Connections: BTP IP addresses
- Compute: 4 vCPUs
- Coordinators: 2 vCPUs

[SAP HANA Capacity Units Estimator](#)

[Create Now](#) [Previous](#) [Next Step](#) [Cancel](#)

## 12. Biarkan sesuai default dan lanjut ke next step

The screenshot shows the '7. Data Lake Relational Engine' configuration step in the SAP HANA Cloud Central console. The breadcrumb trail at the top indicates the sequence: 3, 4, 5, 6, 7 (Data Lake Relational Engine), 8. The main content area is titled '7. Data Lake Relational Engine' and includes configuration options for 'Size', 'Workers', 'Compute', 'Memory', 'System Temporary Storage', and 'Storage Service'. The 'Size' section shows 'Coordinator' set to 2 vCPUs and 'Storage' set to 256 GB. The 'Workers' section shows '2 vCPUs' with a multiplier of '1'. The 'Compute' section is set to 4 vCPUs, 'Memory' to 32 GB, and 'System Temporary Storage' to 900 GB. The 'Storage Service' section shows 'Storage Service Type' set to 'AWS Elastic File System (EFS)'. To the right, a 'Details' panel shows the configuration for the 'SAP HANA Database (BestRunTravel)' and the 'Data Lake (BestRunTravelDL)'. The database configuration is identical to the previous step. The data lake configuration includes BTP IP addresses Connections, 4 vCPUs Compute, and 2 vCPUs Coordinators. At the bottom right, there are buttons for 'Create Now', 'Previous', 'Next Step', and 'Cancel'.

**Size**

Coordinator:

Storage: 256 GB

**Workers:**

x

**Compute:**

4 vCPUs

**Memory:**

32 GB

**System Temporary Storage:**

900 GB

**Storage Service**

Storage Service Type: AWS Elastic File System (EFS)

**Details**

**SAP HANA Database (BestRunTravel)**

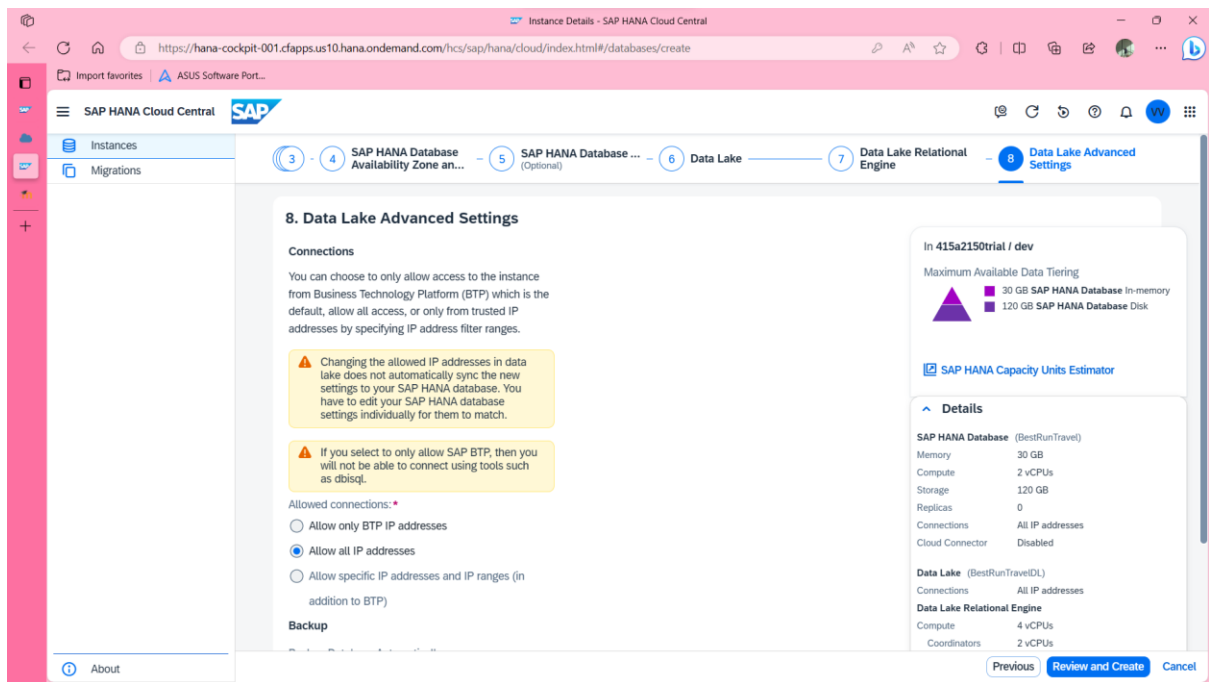
- Memory: 30 GB
- Compute: 2 vCPUs
- Storage: 120 GB
- Replicas: 0
- Connections: All IP addresses
- Cloud Connector: Disabled

**Data Lake (BestRunTravelDL)**

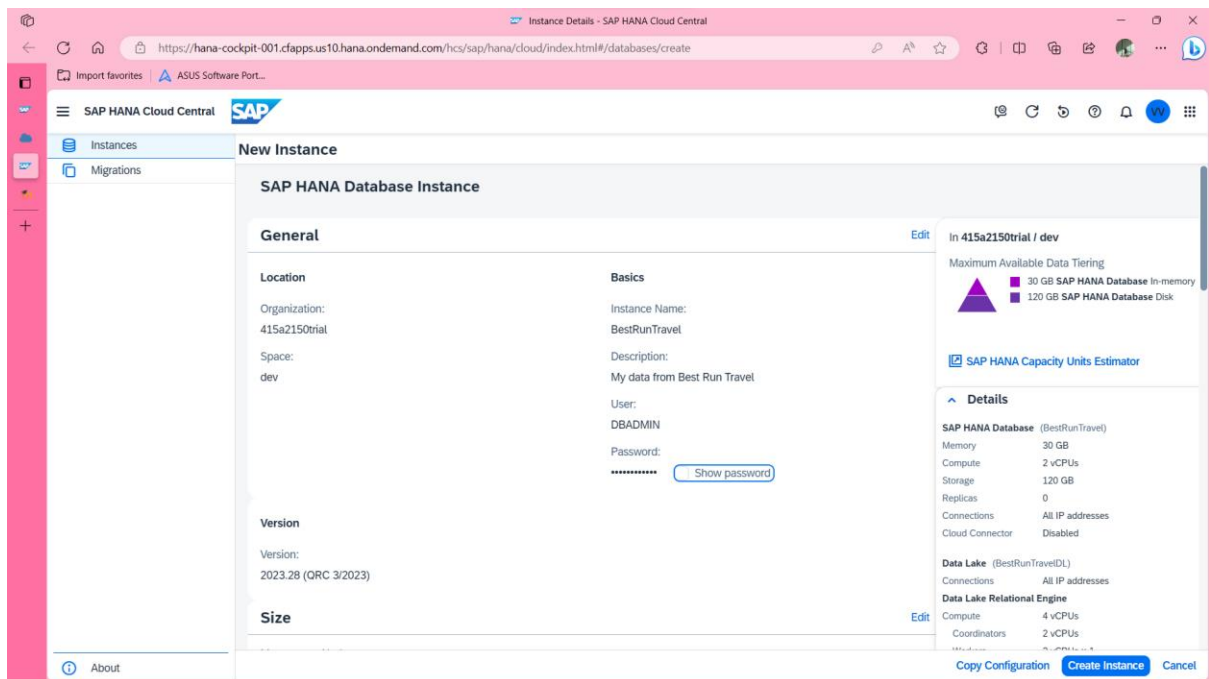
- Connections: BTP IP addresses
- Compute: 4 vCPUs
- Coordinators: 2 vCPUs

[Create Now](#) [Previous](#) [Next Step](#) [Cancel](#)

### 13. Pilih “Allow all IP addresses” dan pilih “Review and Create”



### 14. Selanjutnya pilih “Create Instance”



15. Berhasil membuat Instances

Instances

Migrations

Instances

All Instances

Search on all spaces by instance ID

Create Instance

Organization: 415a2150trialSpace: devStatus:Notifications:

Type:Data Lake X 1 More

RestoreAdapt Filters

The Cloud Foundry Edition of SAP HANA Cloud Central is deprecated

Instances (2)Space Roles (2)Group Instances

Status	Name	Notifications	Runtime Environment	Memory	Storage	Compute	Scale-out	Replicas	Actions
My data from Best Run Travel									
Creating	BestRunTravel		Cloud Foundry	30 GB	120 GB	2 vCPUs	1 node	0 replicas	
Creating	BestRunTravelDL		Cloud Foundry		256 GB	2 vCPU Workers			