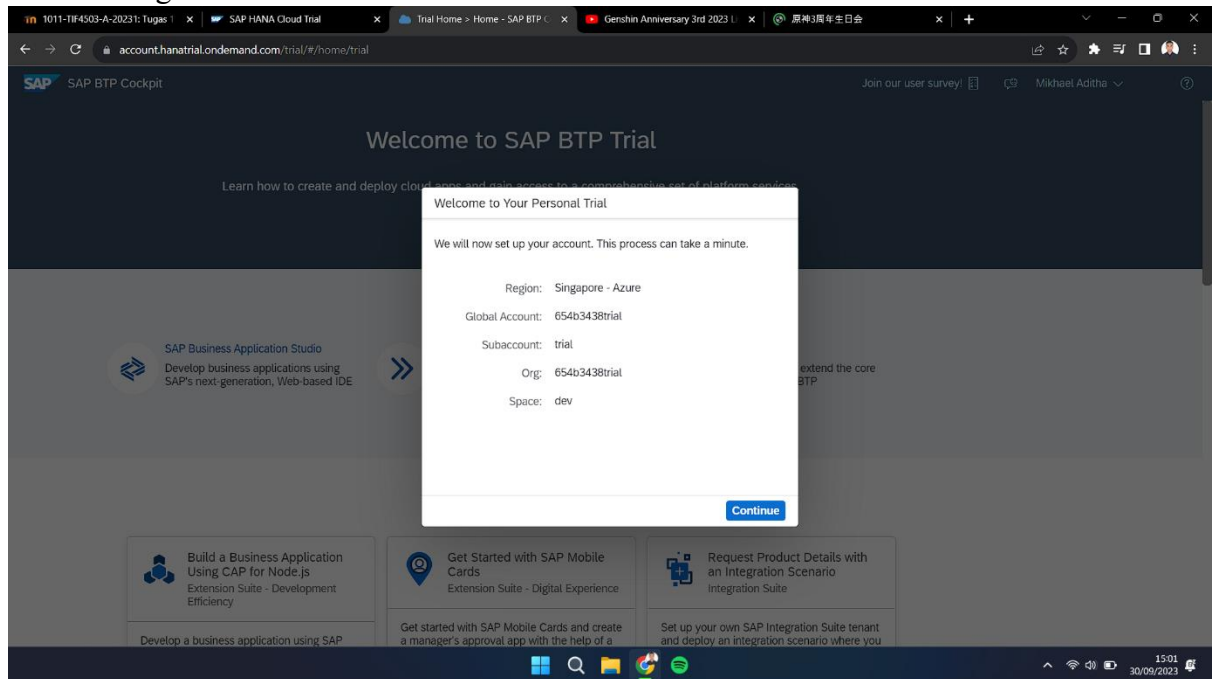


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Mata Kuliah : Enterprise Development Software

1. Provisioning SAP HANA Cloud



SAP HANA Cloud Central

Instances

Migrations

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3. SAP HANA Database

Performance Class:
Memory

Compute-Memory Ratio:
1:15

Available Memory Range:
30 GB – 30 GB

SAP HANA Cloud Trial instances have a fixed storage size and storage type. For more information, follow [this hands-on tutorial](#).

Memory: GB

Storage: GB

Compute:
2 vCPUs

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

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

[SAP HANA Capacity Units Estimator](#)

Details

SAP HANA Database (BestRunTravel)

Memory30 GB

Compute2 vCPUs

Storage120 GB

Replicas0

ConnectionsBTP IP addresses

Cloud ConnectorDisabled

Data Lake
Not selected

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1 Type

2 General

3 SAP HANA Database

4 SAP HANA Database...

5 SAP HANA Database... (Optional)

6 Data Lake

4. SAP HANA Database Availability Zone and Replicas

Deploying replicas is not available for SAP HANA Cloud Trial instances.

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

[SAP HANA Capacity Units Estimator](#)

Details

SAP HANA Database (BestRunTravel)

Memory30 GB

Compute2 vCPUs

Storage120 GB

Replicas0

ConnectionsBTP IP addresses

Cloud ConnectorDisabled

Data Lake
Not selected

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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.

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 BTP IP addresses

☒ Allow all IP addresses

☐ Allow specific IP addresses and IP ranges (in addition to BTP)

Cloud Connector

Enables the cloud connector. This allows you to connect to an SAP HANA on-premise system from your SAP HANA database instance.

☐

Instance Mapping

Map this instance to a Cloud Foundry organization and space to create HDI containers for the instance. You can only add

SAP HANA Capacity Units Estimator

Details

SAP HANA Database (BestRunTravel)

Memory30 GB

Compute2 vCPUs

Storage120 GB

Replicas0

ConnectionsAll IP addresses

Cloud ConnectorDisabled

Data Lake

Not selected

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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 on trial.

☒

Basics

Instance Name: *

BestRunTravelDL

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

Associated SAP HANA Database Instance:

BestRunTravel

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

Administrator:

HDLADMIN

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

SAP HANA Capacity Units Estimator

Details

SAP HANA Database (BestRunTravel)

Memory30 GB

Compute2 vCPUs

Storage120 GB

Replicas0

ConnectionsAll IP addresses

Cloud ConnectorDisabled

Data Lake (BestRunTravelDL)

ConnectionsBTP IP addresses

Data Lake Relational Engine

Compute4 vCPUs

Coordinators2 vCPUs

Workers2 vCPUs × 1

Memory32 GB

System Temporary Storage900 GB

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1011-TIF4503-A-20231: Tugas 1

SAP HANA Cloud Trial

Trial Home > 654b3438trial > In

Provision an Instance of SAP HANA

Instance Details - SAP HANA Cl

trial2-ye99gcod.hana-tooling.ingress.orchestration.trial-us10.hanacloud.ondemand.com/hcs/sap/hana/cloud/index.html?#/databases/create

SAP HANA Cloud Central

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SAP HANA Database Availability Zone and...

SAP HANA Database A... (Optional)

Data Lake

Data Lake Relational Engine

Data Lake Advanced Settings

Size

Coordinator: 2 vCPUs

Workers: 2 vCPUs

Compute: 4 vCPUs

Memory: 32 GB

System Temporary Storage: 900 GB

Storage Service

Storage Service Type: AWS Elastic File System (EFS)

Storage: 256 GB

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

SAP HANA Capacity Units Estimator

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

Data Lake Relational Engine

Compute: 4 vCPUs

Coordinators: 2 vCPUs

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SAP HANA Cloud Trial

Trial Home > 654b3438trial > In

Provision an Instance of SAP HANA

Instance Details - SAP HANA Cl

trial2-ye99gcod.hana-tooling.ingress.orchestration.trial-us10.hanacloud.ondemand.com/hcs/sap/hana/cloud/index.html?#/databases/create

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SAP HANA Database Availability Zone and...

SAP HANA Database A... (Optional)

Data Lake

Data Lake Advanced Settings

Data Lake Relational Engine

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.

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

If you select to only allow SAP BTP, then you will not be able to connect using tools such as dbisql.

Allowed connections: *

☐ Allow only BTP IP addresses

☒ Allow all IP addresses

☐ Allow specific IP addresses and IP ranges (in addition to BTP)

Backup

Backup Database Automatically: Disabled

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

SAP HANA Capacity Units Estimator

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: All IP addresses

Data Lake Relational Engine

Compute: 4 vCPUs

Coordinators: 2 vCPUs

Workers: 2 vCPUs x 1

Memory: 32 GB

System Temporary Storage: 900 GB

Storage: 256 GB

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SAP HANA Database Instance

General

Basics

Version

Size

Instance Name:

BestRunTravel

Description:

My data from Best Run Travel

User:

DBADMIN

Password:

Show password

Version:

2023.28 (QRC 3/2023)

Maximum Available Data Tiering

30 GB SAP HANA Database In-memory

120 GB SAP HANA Database Disk

SAP HANA Capacity Units Estimator

Details

SAP HANA Database (BestRunTravel)

Memory30 GB

Compute2 vCPUs

Storage120 GB

Replicas0

ConnectionsAll IP addresses

Cloud ConnectorDisabled

Data Lake (BestRunTravelDL)

ConnectionsAll IP addresses

Data Lake Relational Engine

Compute4 vCPUs

Coordinators2 vCPUs

Workers2 vCPUs x 1

Memory32 GB

System Temporary Storage900 GB

Storage256 GB

Storage ServiceAWS Elastic File System (EFS)

Automatic BackupDisabled

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SAP HANA Database Instance

2023.28 (QRC 3/2023)

Size

Advanced Settings

Performance Class:

Total

Memory

Memory per Node:

30 GB

Storage per Node:

120 GB

Coordinator:

1

Additional Workers:

0

Connections

Cloud Connector

Allowed Connections:

Allow all IP addresses

Cloud Connector:

Disabled

Connections

All IP addresses

Data Lake Relational Engine

Compute4 vCPUs

Coordinators2 vCPUs

Workers2 vCPUs x 1

Memory32 GB

System Temporary Storage900 GB

Storage256 GB

Storage ServiceAWS Elastic File System (EFS)

Automatic BackupDisabled

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New Instance

Advanced Settings

Connections

Allowed Connections:
Allow all IP addresses

Cloud Connector

Cloud Connector:
Disabled

Script Server:

Disabled

Document Store:

Disabled

Data Provisioning Server:

Enabled

Instance Mapping

Organization GUID

Space GUID

No data available

Copy Configuration

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New Instance

General

SAP HANA Cloud, Data Lake

Create Data Lake:
Selected

Basics

Instance Name:
BestRunTravelDL

User:
HDLADMIN

Data Lake Relational Engine

Size

Coordinator:

2 vCPUs

Workers:

2 vCPUs x 1

Compute:

4 vCPUs

Memory:

32 GB

System Temporary Storage:

900 GB

Storage:

256 GB

Storage Service

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New Instance

Data Lake Relational Engine

Size

Coordinator:
2 vCPUs

Workers:
2 vCPUs x 1

Compute:
4 vCPUs

Memory:
32 GB

System Temporary Storage:
900 GB

Storage:
256 GB

Storage Service

Storage Service Type:
AWS Elastic File System (EFS)

Data Lake Advanced Settings

Connections

Allowed Connections:
Allow all IP addresses

Backup

Backup Database Automatically:
Disabled

Copy Configuration

Create Instance

Cancel

All Instances

Create Instance

Instance ID or name

Status:

Notifications:

Type:
Data Lake x 1 More

Adapt Filters

Instances (2)

Subaccount Roles (2)

Group Instances

Status	Name	Type	Notifications	Runtime Environment	Memory	Storage	Compute	Scale-out	Replicas	Actions
My data from Best Run Travel										
Running	BestRunTravel	SAP HANA Database		Other Environments	30 GB	120 GB	2 vCPUs	1 node	0 replicas	...
Running	BestRunTravelDL	Data Lake Relational Engine Component Enabled		Other Environments		256 GB	2 vCPU Workers (1) 2 vCPU			...

15:54

30/09/2023

1011-TIF4503-A-20231: Tugas 1 x SAP HANA Cloud Trial x Trial Home > 654b3438trial > tr x Provision an Instance of SAP H/ x Instances - SAP HANA Cloud Cr x

trial2-ye99gcod.hana-tooling.ingress.orchestration.trial-us10.hanacloud.ondemand.com/hcs/sap/hana/cloud/index.html?#

SAP Instances

Create Instance

Status: Notifications: Type: Data Lake x 1 More Adapt Filters

Instance ID or name

Instances (2) Subaccount Roles (2) Group Instances

Status	Name	Type	Notifications	Runtime Environment	Memory	Storage	Compute	
My data from Best Run Travel								
Running	BestRunTravel	SAP HANA Database		Other Environments	30 GB	120 GB	2 vCPUs	
Running	BestRunTravelDL	Data Lake Relational Engine Component Enabled		Other Environments		256 GB	2 vCPU Workers (1) 2 vCPU	

Manage Configuration

Open SQL Console

Copy SQL Endpoint

Copy Instance ID

Copy Configuration

Apply Patch

Upgrade

Stop

Delete

Open in SAP HANA Cockpit
To monitor and administer

Open in SAP HANA Database Explorer
To develop and administer

Open Supportability Tools for SAP HANA
To analyze and troubleshoot

16:55 30/09/2023