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Getting Started with SAP HANA Cloud

1. Modul 1 : Provisioning SAP HANA Cloud

- Setting Up a Trial Account

First, users need to sign up for a SAP HANA Cloud trial account if they haven't already.

The image shows the SAP HANA Cloud trial setup process. The top section is a 'Welcome to Your Personal Trial' dialog box. It states: 'We will now set up your account. This process can take a minute.' Below this, the following details are listed:

- Region: US East (VA) - AWS
- Global Account: 61ca9750trial
- Subaccount: trial
- Org: 61ca9750trial
- Space: dev

A blue 'Continue' button is at the bottom right of the dialog.

The bottom section is a screenshot of the SAP BTP Cockpit interface. The left sidebar shows the 'Account Explorer' menu. The main content area is titled 'Global Account: 61ca9750trial – Account Explorer'. It shows 'All: 0 directories, 1 subaccounts | Subdomain: 61ca9750trial-ga'. There is a search bar and a dropdown for 'All Regions'. Below this, there are tabs for 'Directories and Subaccounts' and 'Subaccounts (1)'. The 'Subaccounts (1)' tab is active, showing a list of subaccounts. One subaccount is listed: 'trial'. A tooltip for this subaccount shows the following details:

- Provider: Amazon Web Services (AWS)
- Region: US East (VA)
- Environment: Multi-Environment

At the bottom of the interface, there is a link: 'Learn how global accounts and subaccounts relate to each other and find recommendations for setting up your account model.'

- Provisioning a SAP HANA Cloud Instance

To provision a SAP HANA Cloud instance, click "Create Database" to open a database creation wizard, where we enter an instance name (e.g., "Best Run Travel") and a password. Users can then proceed, accepting default trial settings, and enable the SAP HANA Data Lake, which can be disabled later if needed, before clicking "Create Instance" to initiate provisioning.

The screenshot displays the SAP HANA Cloud Central 'Create Database' wizard, which is a multi-step process. The first step, '1. Type', allows users to choose the type of SAP HANA Cloud instance. Two options are available: 'SAP HANA Cloud, SAP HANA Database' (selected) and 'SAP HANA Cloud, Data Lake'. The second step, '2. General', is currently active and contains several sections for configuring the instance.

1. Type

Choose the type of a SAP HANA Cloud instance.

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

2. General

Location

Organization: *
61ca9750trial

Space: *
dev

Basics

Instance Name: *
BestRunTravel

Administrator: DBADMIN

Administrator Password: *
.....

Confirm Administrator Password: *
.....

Description: My data from Best Run Travel (12 characters remaining)

Version

Details

SAP HANA Database (BestRunTravel)

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

Data Lake
Not selected

Capacity Units

In 61ca9750trial / dev

Maximum Available Data Tiering

- 30 GB SAP HANA Database In-memory
- 120 GB SAP HANA Database Disk

[SAP HANA Capacity Units Estimator](#)

DBADMIN and HDLADMIN passwords expire after 180 days.

☐ Show password

Buttons: Create Now, Previous, Next Step, Cancel

SAP HANA Cloud Central

Instances Migrations

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

5. SAP HANA Database Advanced Settings

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.

☐

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

Not selected

12 SAP HANA Capacity Units Estimator

1 About Create Now Previous Next Step Cancel

SAP HANA Cloud Central

Instances Migrations

2 3 SAP HANA Database 4 SAP HANA Database... 5 SAP HANA Database... (Optional) 6 Data Lake 7 Data Lake Relational Engine 8 Data Lake Advanced Settings

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

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
Workers	2 vCPUs × 1

12 SAP HANA Capacity Units Estimator

1 About Create Now Previous Next Step Cancel

- Monitoring Instance Status

We can monitor the instance and Data Lake status within the SAP HANA Cloud dashboard. During the trial period, instances are automatically halted at midnight according to the server region's time zone.



- Instances
- Migrations

All Instances

Search on all spaces by instance ID

Create Instance

Organization: 61ca9750trial Space: dev Status: Notifications:

Instance ID or name

Type: Data Lake x 1 More

Restore Adapt Filters

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									
Running	BestRunTravel		Cloud Foundry	30 GB	120 GB	2 vCPUs	1 node	0 replicas	...
Running	BestRunTravelDL		Cloud Foundry		256 GB	2 vCPU Workers (1)			...