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1. Provisioning SAP HANA Cloud

The screenshot displays the SAP BTP Cockpit interface. A modal window titled "Welcome to Your Personal Trial" is open, showing account setup details: Region: Singapore - Azure, Global Account: [redacted], Subaccount: trial, Org: [redacted], and Space: dev. The background shows the "Welcome to SAP BTP Trial" page with various service cards. The bottom navigation bar shows the "Entitlements" section selected, displaying a table of services and their entitlements for the "trial2" subaccount.

Subaccount: trial2 - Entitlements					
Feature Flags Service	feature-flags	lite	<input type="checkbox"/>	1 shared units	1 shared units
HTML5 Application Repository Service	html5-apps-repo	app-host	<input type="checkbox"/>	1 shared units	1 shared units
		app-runtime	<input type="checkbox"/>	1 shared units	1 shared units
Master Data Integration	one-mds	sap-integration	<input type="checkbox"/>	1 shared units	1 shared units
SaaS Provisioning Service	saas-registry	application	<input type="checkbox"/>	1 shared units	1 shared units
SAP HANA Cloud	hana-cloud-tools-trial	hana-cloud-connection	<input type="checkbox"/>	1 shared units	1 shared units
		hana	<input type="checkbox"/>	1 shared units	1 shared units
		relational-data-lake	<input type="checkbox"/>	1 shared units	1 shared units
		service-operator-access	<input type="checkbox"/>	1 shared units	1 shared units
Service Manager	service-manager	subaccount-audit	<input type="checkbox"/>	1 shared units	1 shared units
		subaccount-admin	<input type="checkbox"/>	1 shared units	1 shared units
		container	<input type="checkbox"/>	1 shared units	1 shared units

SAP HANA Cloud Central

Instances / Create Instance

InstancesMigrationsAlertsSQL Console

1 Type

2 General

3 SAP HANA Database

4 SAP HANA Database Availability Zone and...

5 SAP HANA Database A... (Optional)

6

2. General

Basics

Instance Name: *
BestRunTravel

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

Description: *
My data from Best Run Travel
12 characters remaining

Version
Version:
2023.28 (ORC 3/2023)
Maintained until Apr 14, 2024

Administrator:
DBADMIN

Administrator Password: *
.....

Confirm Administrator Password: *
.....

DBADMIN and HDLADMIN passwords expire after 180 days.

Show password

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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4 SAP HANA Database...

5 SAP HANA Database A... (Optional)

6

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: *
30 GB

Storage: *
120 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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5 SAP HANA Database A... (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

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

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

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

Administrator: HDLADMIN

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

Associated SAP HANA Database Instance:

BestRunTravel

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
Workers	2 vCPUs × 1
Memory	32 GB
System Temporary Storage	900 GB

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7. Data Lake Relational Engine

Size

Coordinator: *

2 vCPUs

Storage: *

256 GB

Workers: *

2 vCPUs × 1

Compute:

4 vCPUs

Memory:

32 GB

System Temporary Storage:

900 GB

Storage Service

Storage Service Type:

AWS Elastic File System (EFS)

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 Central

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8. Data Lake 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 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 × 1
Memory	32 GB
System Temporary Storage	900 GB
Storage	256 GB

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New Instance

SAP HANA Database Instance

General

Basics

Instance Name: BestRunTravel

Description: My data from Best Run Travel

User: DBADMIN

Password: ☐ Show password

Version

Version: 2023.28 (QRC 3/2023)

Size

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

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SAP HANA Cloud Central

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New Instance

2023.28 (QRC 3/2023)

Size

Performance Class:	Total
Memory	
Memory per Node:	Memory:
30 GB	30 GB (30 GB × 1)
Storage per Node:	Compute:
120 GB	2 vCPUs (2 vCPUs × 1)
Coordinator:	Storage:
1	120 GB (120 GB × 1)
Additional Workers:	
0	

Advanced Settings

Connections

Allowed Connections: Allow all IP addresses

Cloud Connector

Cloud Connector: Disabled

Connections: All IP addresses

Data Lake Relational Engine

Compute	4 vCPUs
Coordinators	2 vCPUs
Workers	2 vCPUs × 1
Memory	32 GB
System Temporary Storage	900 GB
Storage	256 GB
Storage Service	AWS Elastic File System (EFS)
Automatic Backup	Disabled

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New Instance

Advanced Settings

Edit

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

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New Instance

General

Edit

SAP HANA Cloud, Data Lake

Create Data Lake:

Selected

Basics

Instance Name:

BestRunTravelDL

User:

HDLADMIN

Data Lake Relational Engine

Edit

Size

Coordinator:

2 vCPUs

Memory:

32 GB

Workers:

2 vCPUs × 1

System Temporary Storage:

900 GB

Compute:

4 vCPUs

Storage:

256 GB

Storage Service

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Data Lake Relational Engine

Edit

Size

Coordinator:

2 vCPUs

Memory:

32 GB

Workers:

2 vCPUs × 1

System Temporary Storage:

900 GB

Compute:

4 vCPUs

Storage:

256 GB

Storage Service

Storage Service Type:

AWS Elastic File System (EFS)

Data Lake Advanced Settings

Edit

Connections

Allowed Connections:

Allow all IP addresses

Backup

Backup Database Automatically:

Disabled

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SAPInstances

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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 Data Lake Relational Engine Component Enabled		Other Environments		256 GB	2 vCPU Workers (1) 2 vCPU			...

SAPInstances

MS

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 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

Open in SAP HANA Database Explorer

Open Supportability Tools for SAP HANA