

DAT116

# Introduction to SAP HANA Cloud

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PUBLIC

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# HANA Cloud - Overview

## Goals for Hands-On

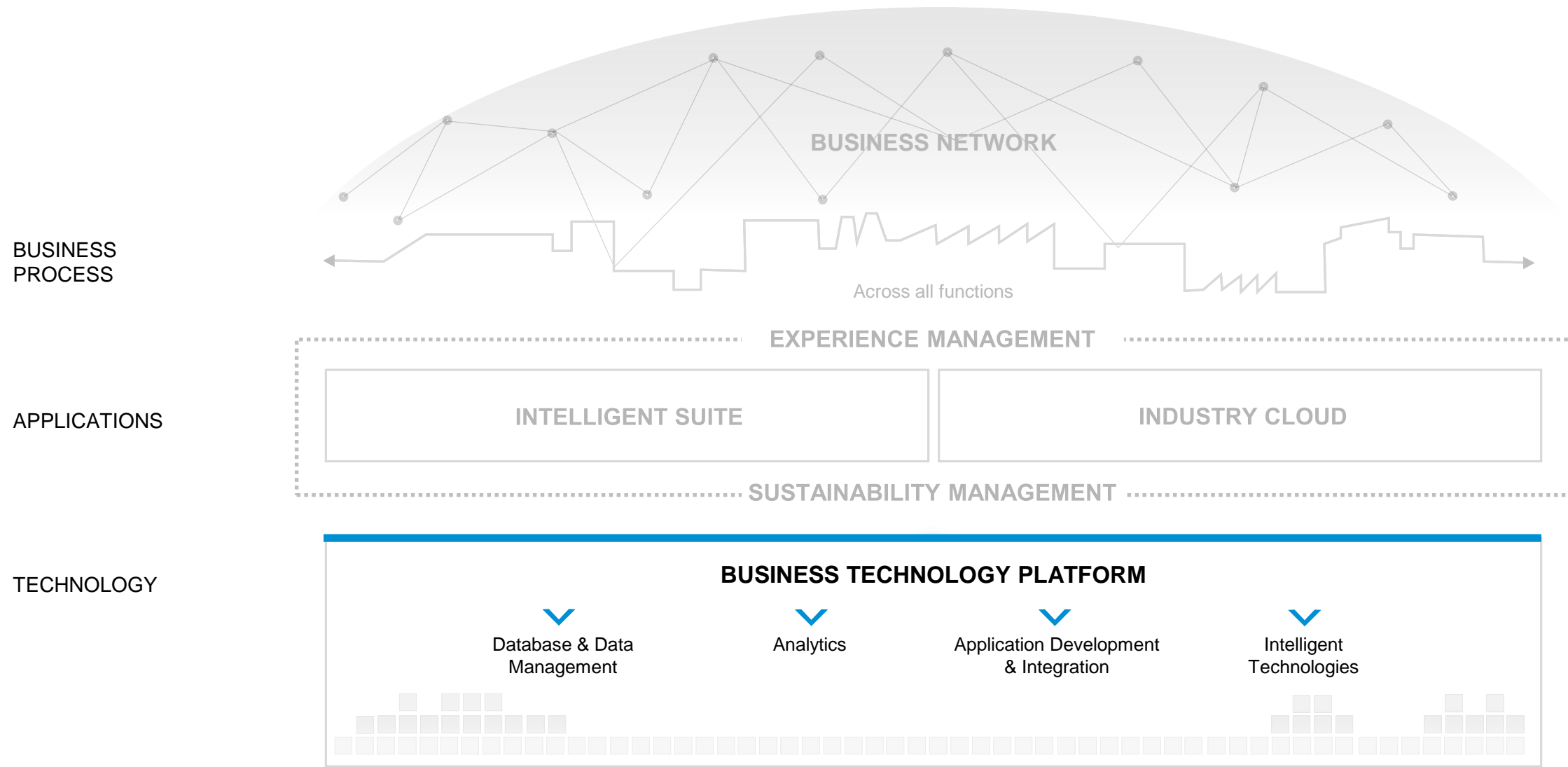
## Hands-On Scenarios

- Exercise 1 – HANA Cloud, Data Lake
- Exercise 2 – Virtual Access to Cloud Data Sources
- Exercise 3 – Leveraging NSE in HANA Cloud

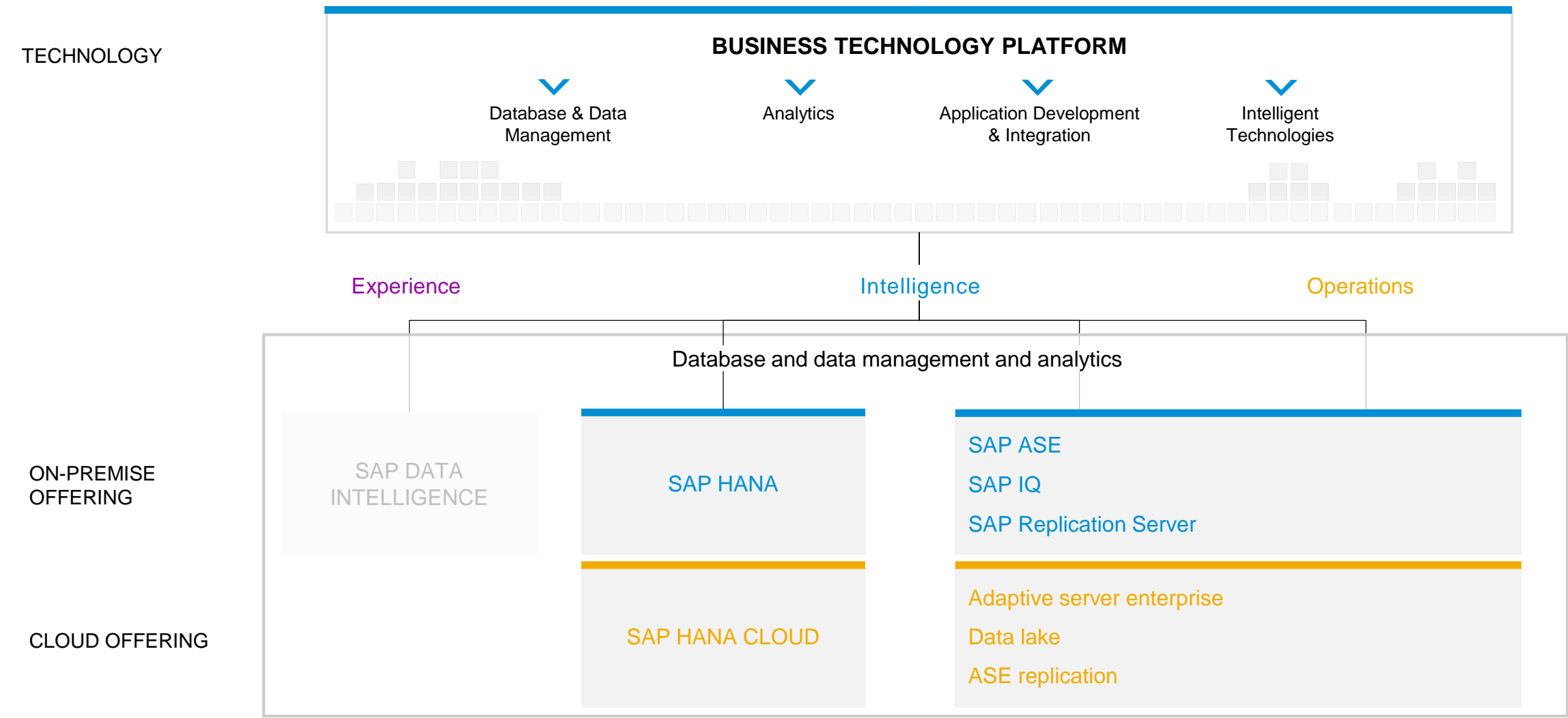
# Introduction



# Business Technology Platform

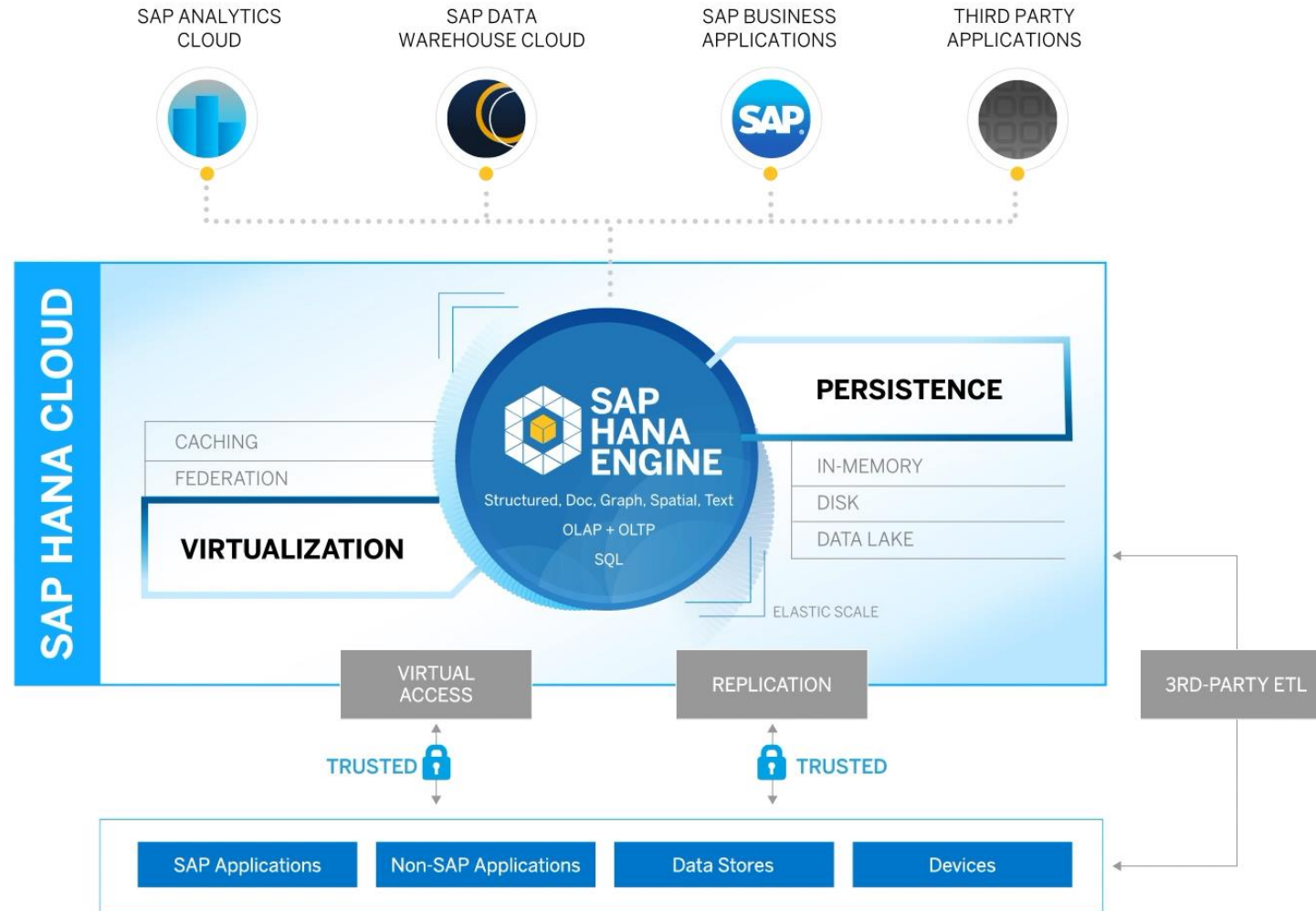


# Business Technology Platform





# SAP HANA Cloud architecture



# Goals For Hands-On





# Explore: Data virtualization

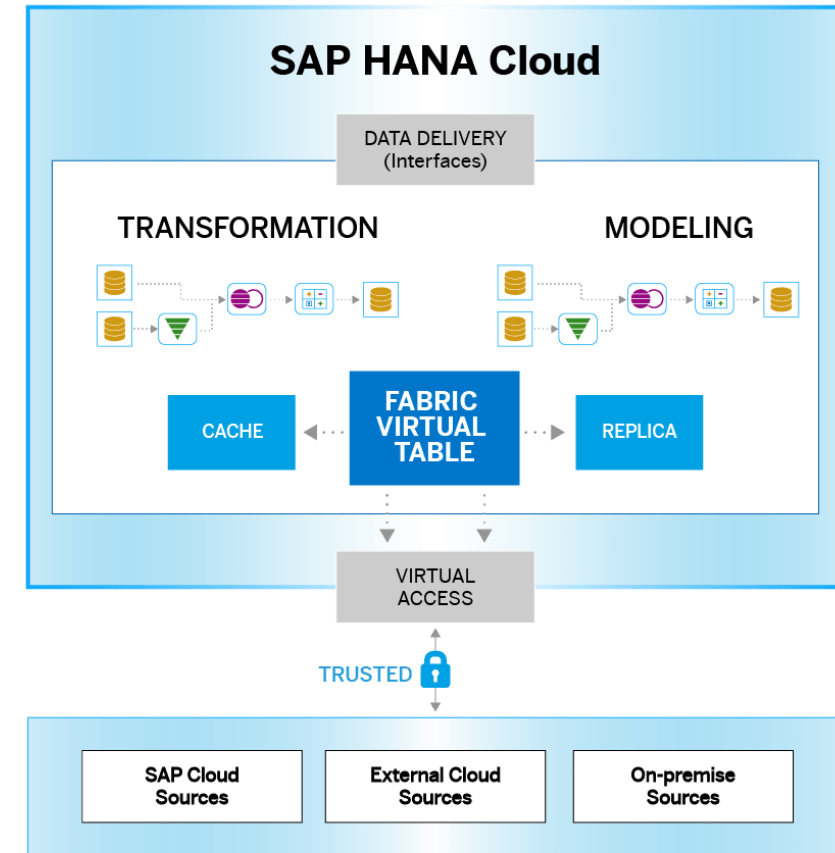
## Simple Access Layer to All Data

### FEATURES

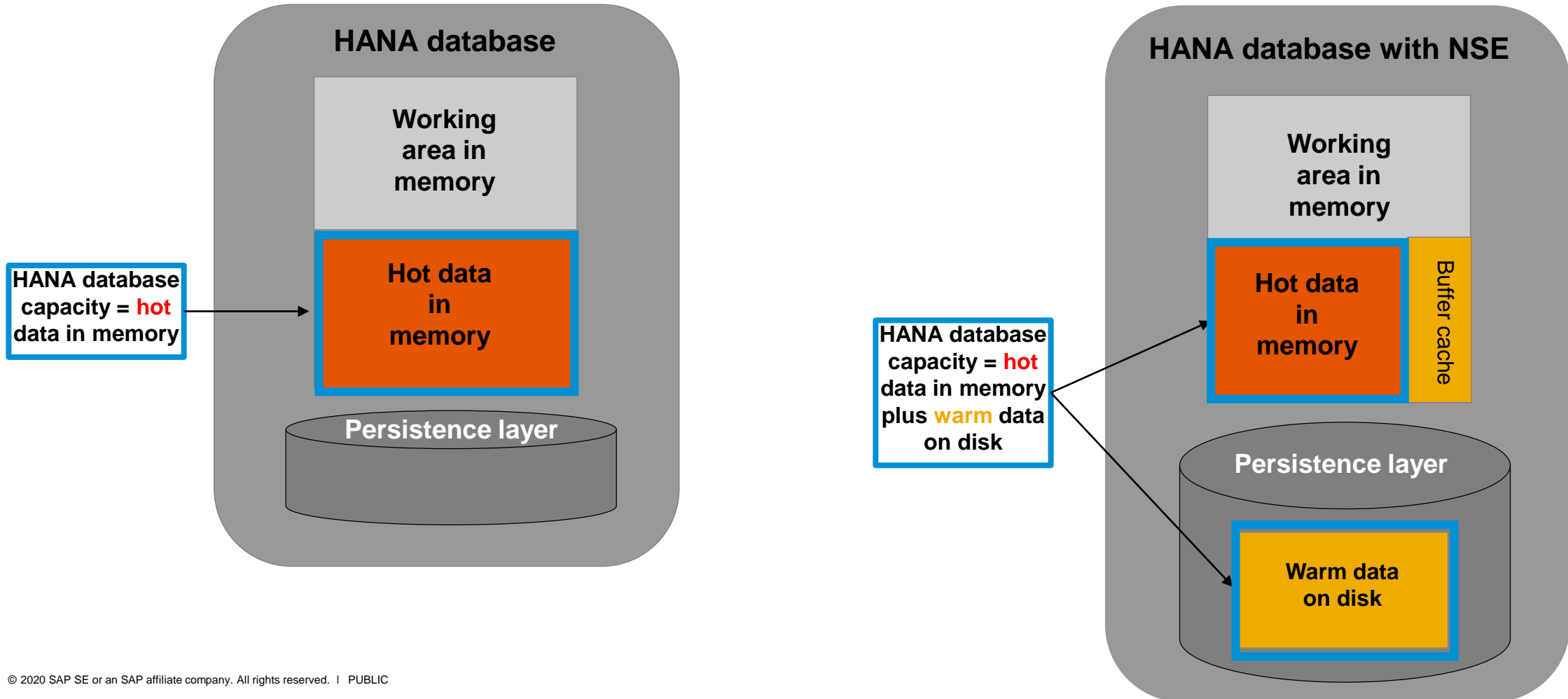
- **Smart Data Integration**
  - Virtually move any data from any source
- **Smart Data Access**
  - Query data remotely without moving it
- **Data Quality with SAP Cloud Platform (SCP) Data Quality Management service**
  - Deliver data you can trust
- **Enhanced database SQL-optimization**
- **Streamlined data delivery and access layers**

### BENEFITS

- **Freedom to choose where you store your data**
- **Optimized cost/performance ratio**
- **Reduce data duplication**
- **Simplified management of all your data**
- **Deliver data in a variety of ways to meet a variety of consumers**

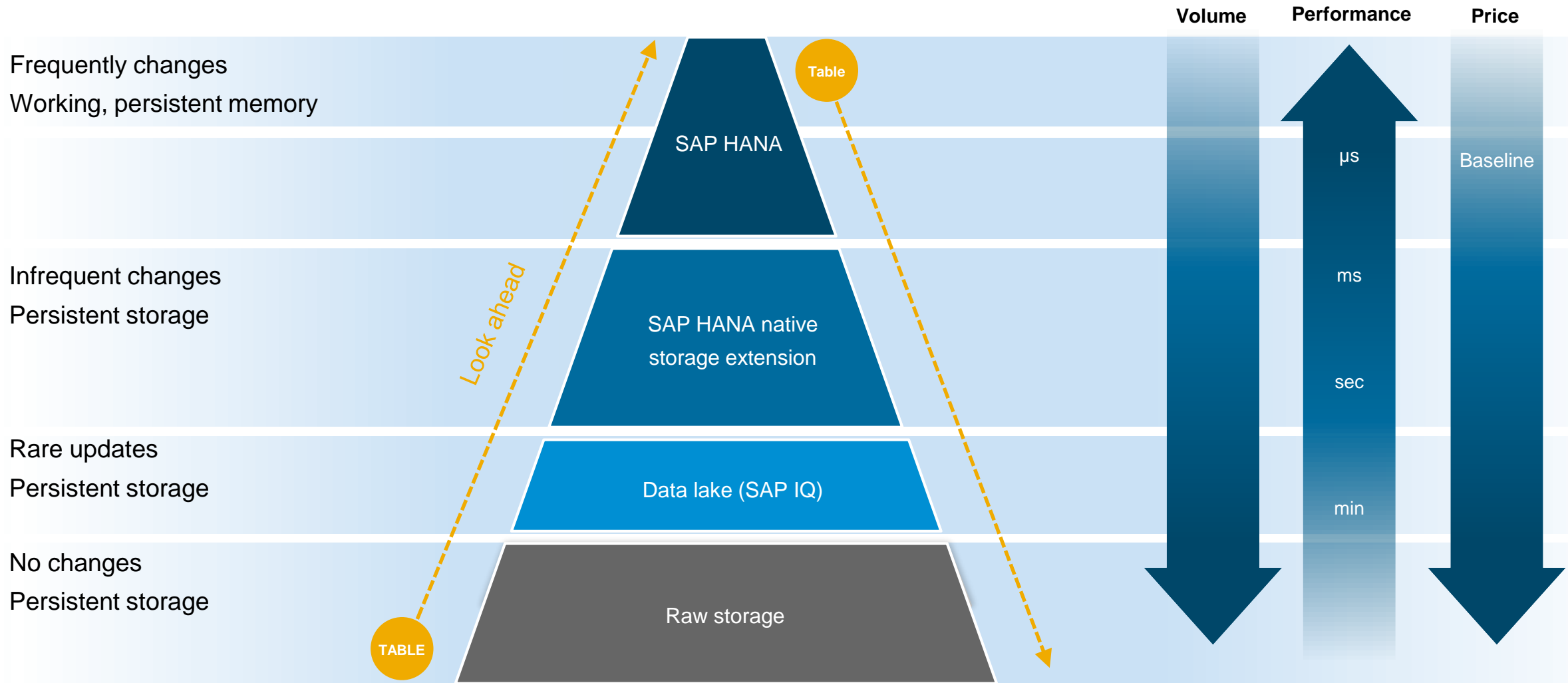


# Explore: Native Storage Extension (NSE) Warm Data Storage for HANA Cloud



# Explore – HANA Data Lake

Query Data Beyond the Scale of SAP HANA with Low Costs



# Hands-On Exercises



# SAP HANA Cloud – Trial

## Overview

- Free trial now available for SAP HANA Cloud and the data lake
- Register at: <https://www.sap.com/cmp/td/sap-hana-cloud-trial.html>

## Trial details

- Service on trial landscapes of SAP Cloud Platform (tied to trial user account of SAP Cloud Platform)
  - Trial length: 30 days with two optional 30-day extension periods (90 day max)
- Full functionality of SAP HANA Cloud and data lake feature set
- User is **limited to creating one instance of SAP HANA Cloud and data lake\* per region**
- Configuration:
  - SAP HANA Cloud: 30G memory, 2 vCPUs, 120GB storage
  - Data lake: 4 vCPUs, 1TB storage
- Trial currently available on EU10 and US10

## Trial resources

- Success page and welcome e-mail guiding users through the trial
- Getting started video mission: [Start the Mission](#)
- Learning track: [View the Learning Track](#)
- Additional resources provided through nurturing emails during trial journey (opt-in)

\* Note: Cap on number of allowable data lakes per region (NSE available for persistent store)

The screenshot displays the SAP Cloud Platform Cockpit interface. The top navigation bar shows the SAP logo and the title 'SAP Cloud Platform Cockpit'. Below the navigation bar, the left sidebar contains a menu with options: Applications, Services (selected), Service Marketplace, Service Instances, User-Provided Services, SAP HANA Cloud (highlighted), Routes, Security Groups, Events, and Members. The main content area shows the 'Space: dev - SAP HANA Cloud' with a search bar. Below this, the 'SAP HANA Instances' section displays details for an instance named 'euteest1-hana'. The instance is in a 'Running' state. A table shows its specifications: Memory (30 GB), CPU (2 vCPUs), and Storage (120 GB). Below the table, there are sections for 'Data Lakes' (with an 'Add' link), 'Admin User' (DBADMIN), 'Description' (None), and 'Endpoint' (ede1e4a5-b057-4ca8-8955-994bacf89376...). At the bottom right, there are 'Stop' and 'Open In' buttons.

Memory	CPU	Storage
30 GB	2 vCPUs	120 GB



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# Thanks for attending this session.

## Contact for further topic inquiries

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# Database and Data Management

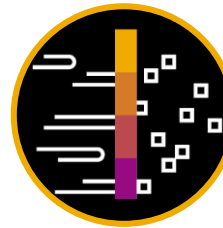
## Capture, Manage, Govern Data



**Capture, manage, and govern** your data to drive better business outcomes



Build a foundation for applications, data-driven intelligence and confident business decisions.  
Manage, govern, and integrate your enterprise data to feed analytics and drive actionable insights.

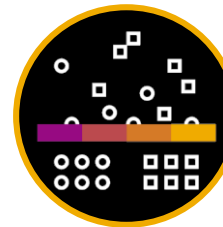


### Data foundations for confident decisions

Build a data foundation for data-driven intelligence and confident business decisions

[SAP HANA Cloud](#)

[SAP HANA](#)



### Data Intelligence and Orchestration

Deliver data-driven innovation across distributed landscapes, complex data types, and processing engines.

[SAP Data Intelligence](#)

[SAP Process Orchestration](#)



### Data management to govern and improve data

»**Master** data across the entire value chain → [SAP Master Data Governance](#)

»**Enhance** data stewardship and integrity → [SAP information Steward](#)

»**Boost** data compliance → [SAP Information Lifecycle Management](#)

»**Improve** data quality in real-time → [SAP Data Services](#)