

DAT116

Introduction to SAP HANA Cloud

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PUBLIC

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HANA Cloud - Overview

Goals for Hands-On

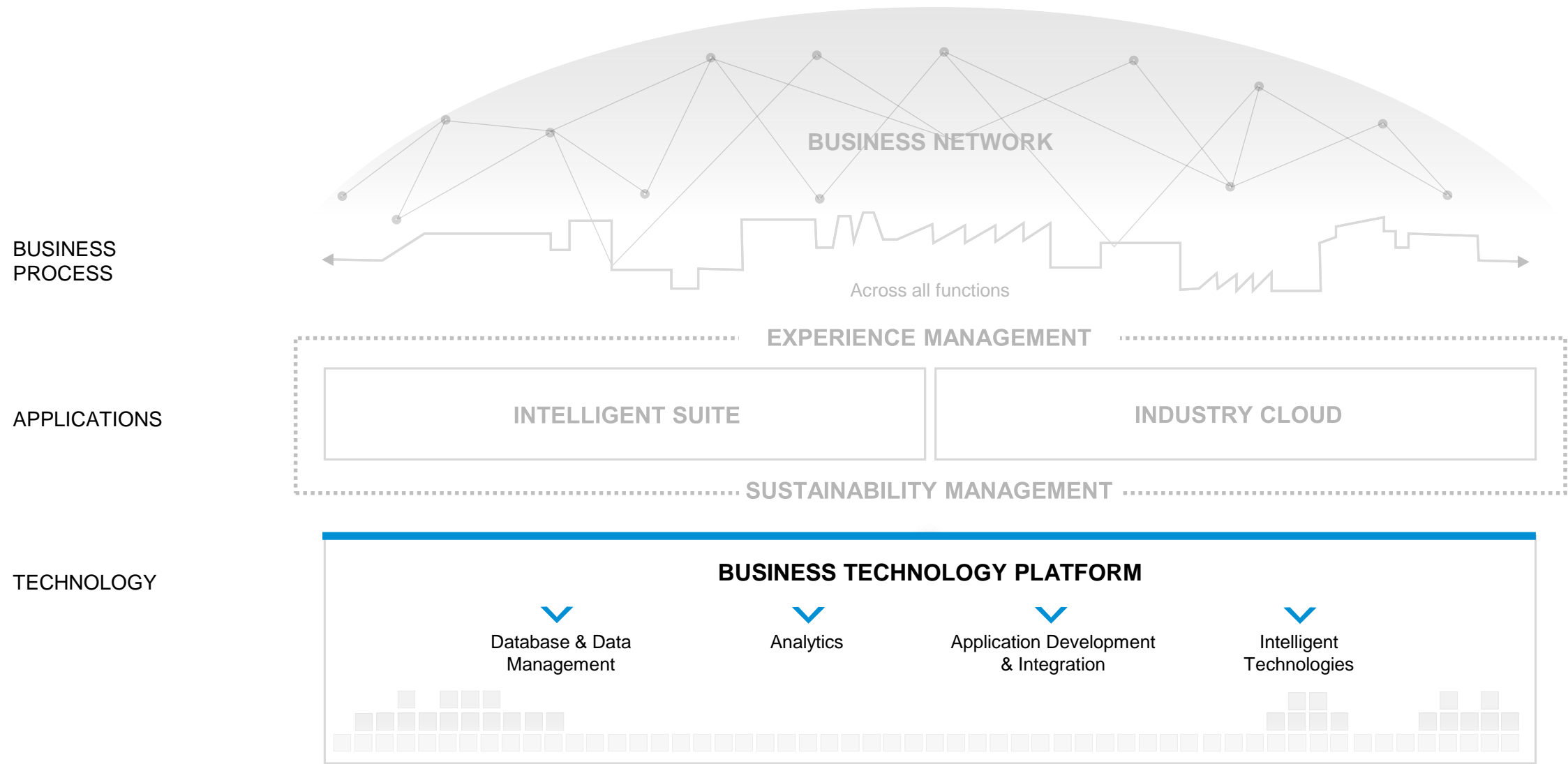
Hands-On Scenarios

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

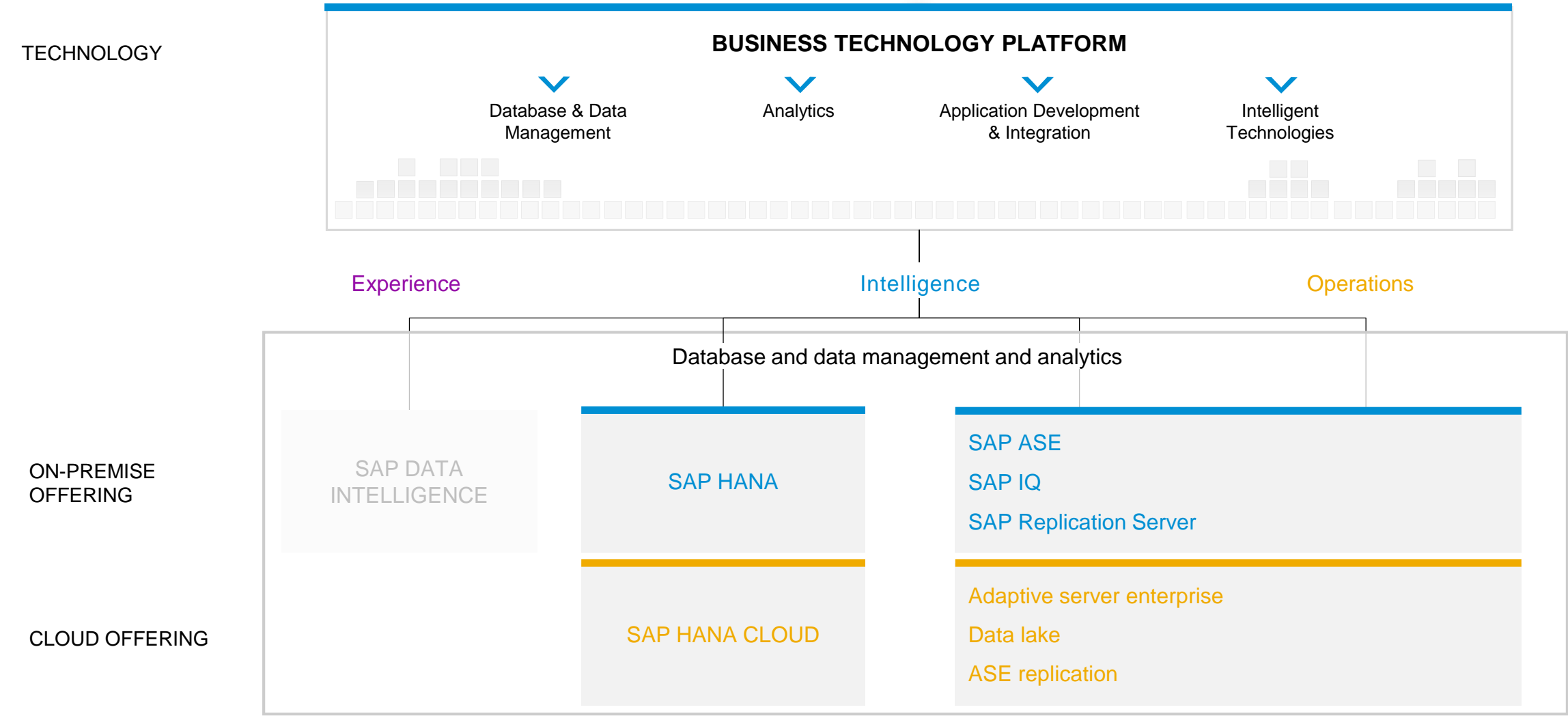
Introduction



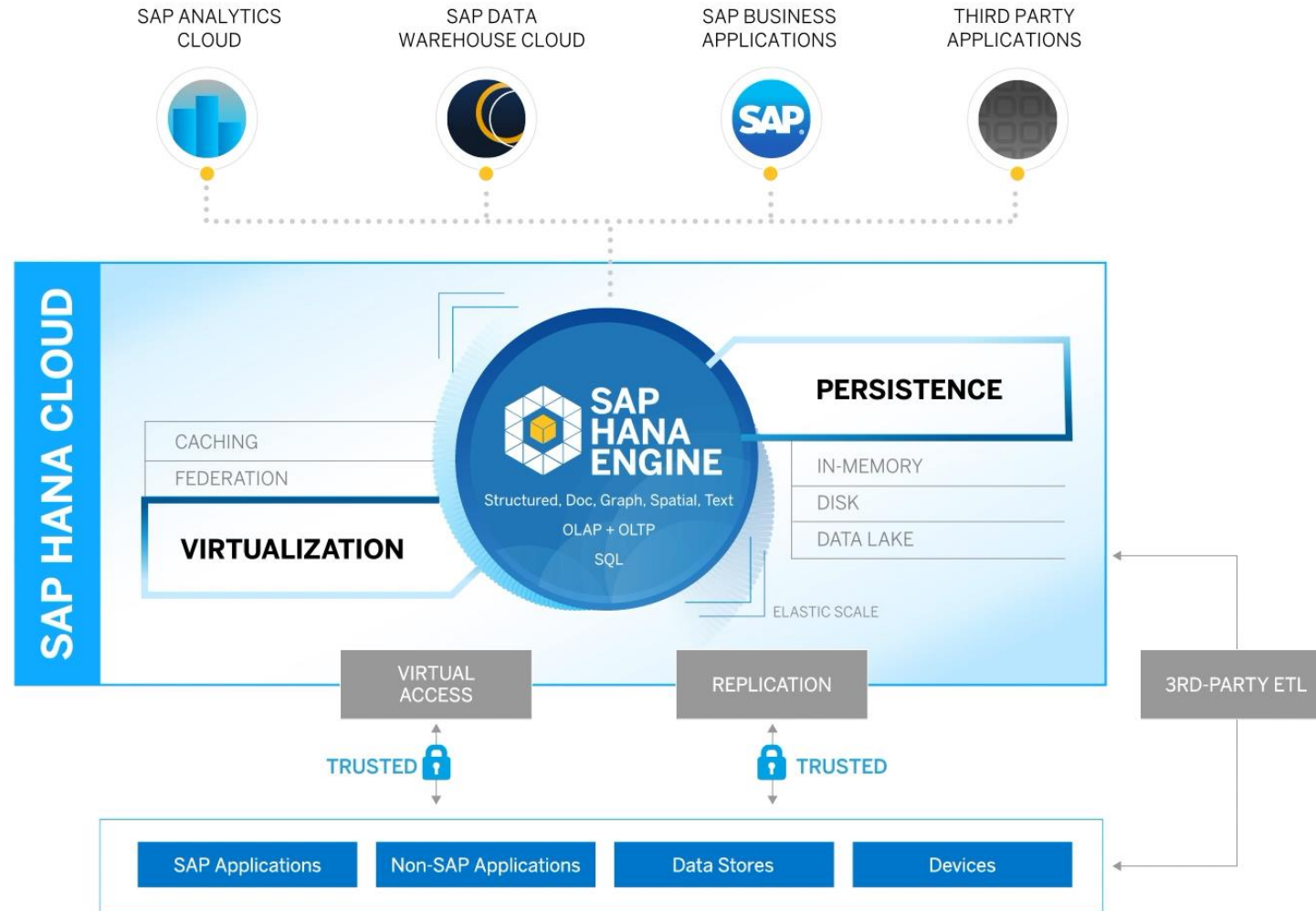
Business Technology Platform



Business Technology Platform



SAP HANA Cloud architecture

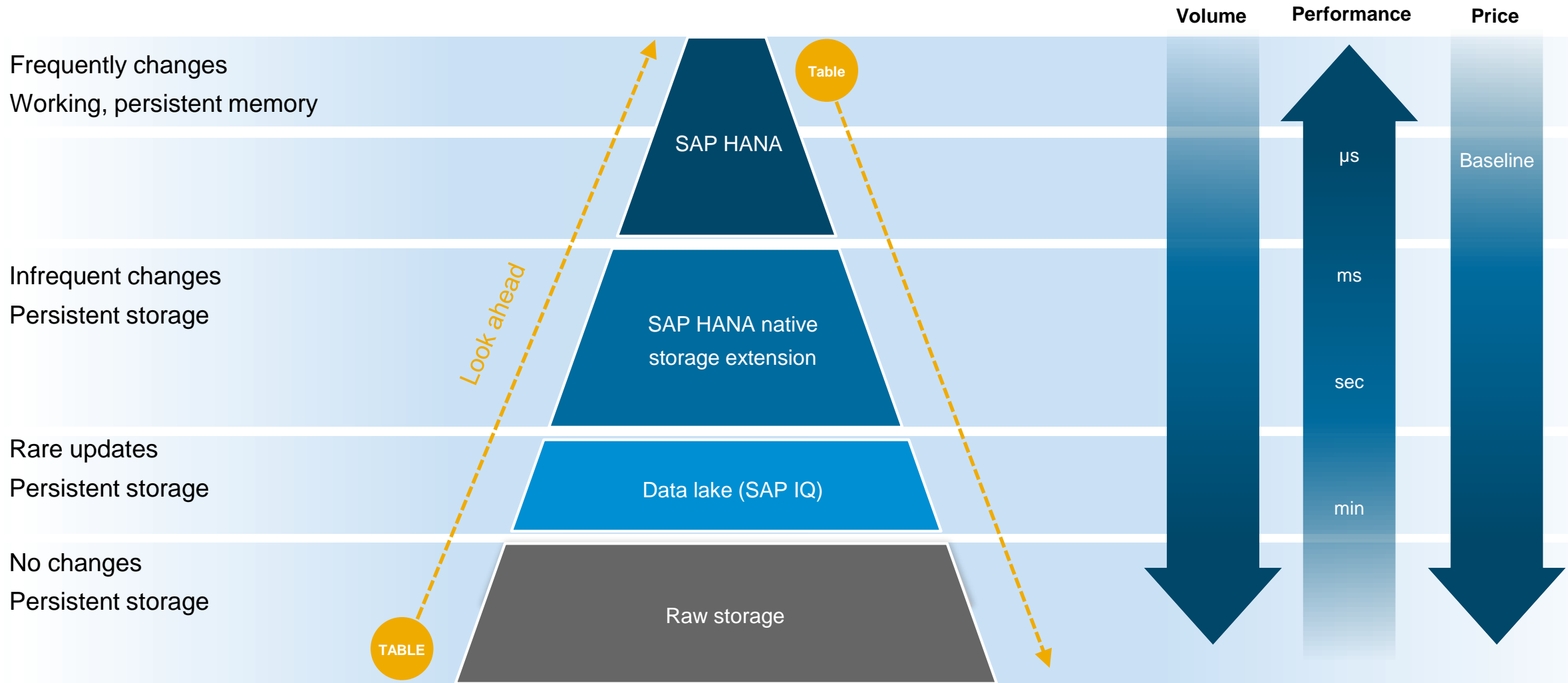


Goals For Hands-On



Explore – HANA Data Lake

Query Data Beyond the Scale of SAP HANA with Low Costs



Explore: Data virtualization

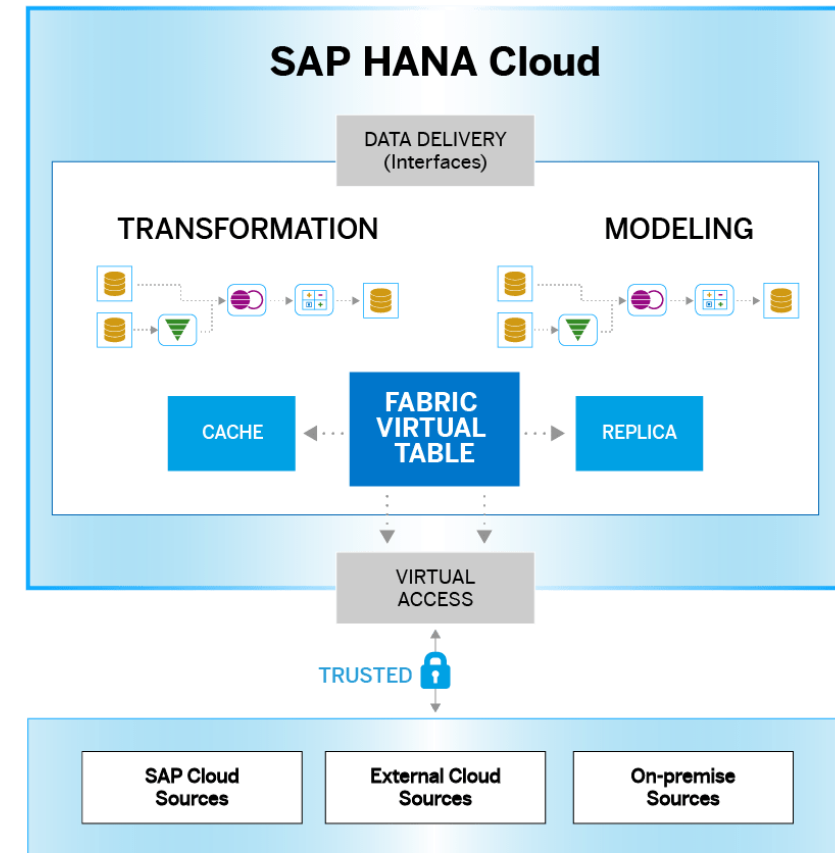
Simple Access Layer to All Data

FEATURES

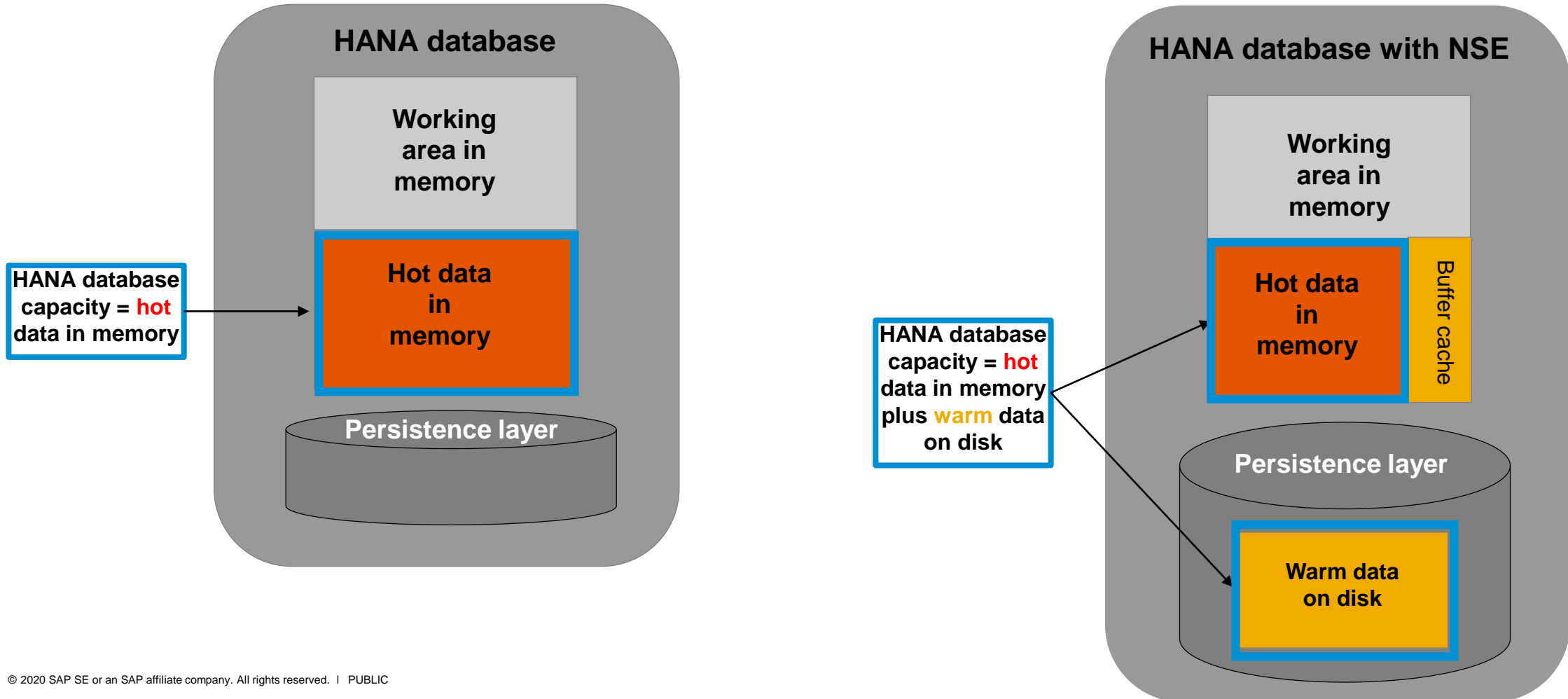
- **Smart Data Integration**
 - Virtually move any data from any source
- **Smart Data Access**
 - Query data remotely without moving it
- **Data Quality with SAP Cloud Platform (SCP) Data Quality Management service**
 - Deliver data you can trust
- **Enhanced database SQL-optimization**
- **Streamlined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



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 left sidebar contains a navigation 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'. Below this, there's a search bar and a section titled 'SAP HANA Instances'. A single instance, 'eute11-hana', is listed with a 'Running' status. Its specifications are: Memory 30 GB, CPU 2 vCPUs, and Storage 120 GB. Below the specifications, there are links for 'Data Lakes' (Add), 'Admin User' (DBADMIN), 'Description' (None), and 'Endpoint' (ede1e4a5-b057-4ca8-8955-994bacf89376...). At the bottom right, there are 'Stop' and 'Open In' buttons.

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Thanks for attending this session.

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Database and Data Management

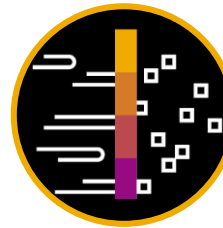
Capture, Manage, Govern Data



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.

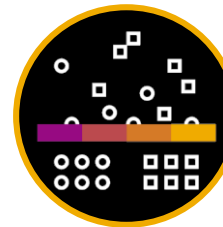


Data foundations for confident decisions

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](#)

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

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