



# Trends and Concepts in the Software Industry III

## Competing Cloud Platforms

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PUBLIC

# Welcome

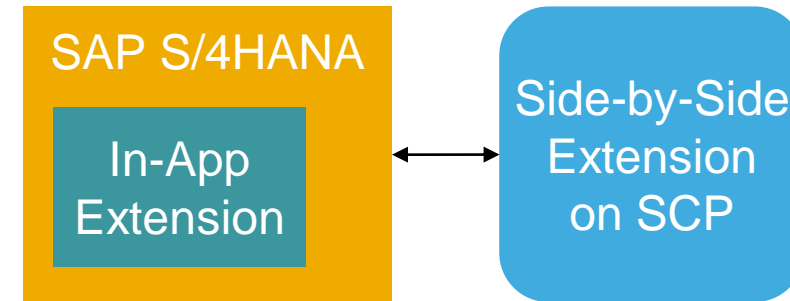
## ERP extensibility then and now

### Then



- Highly-coupled extension code
- Breaking updates
- Homogeneous technology setup
- Not scalable
- Reduced time-to-value

### Now

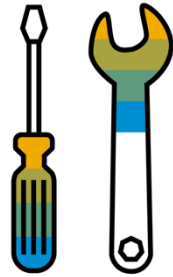


- Well-defined extension model
- Loosely coupled side-by-side extensions
- Stable contract of SAP S/4HANA interfaces
- Free choice of technologies
- Individually scalable
- Quick time-to-value

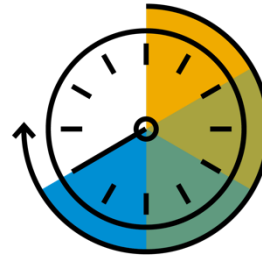
# Desired Qualities in the Cloud



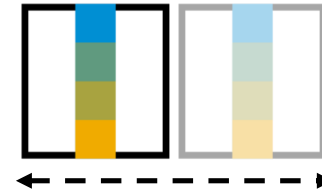
Agility



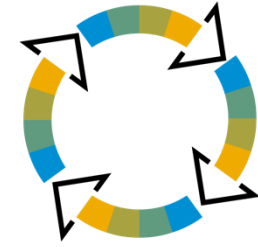
Low cost of development



High availability



Elasticity



Low cost of operation



Competitive Pricing Models



Attractive SLAs

# Serverless



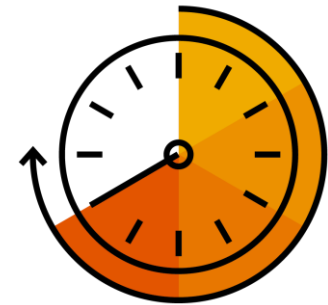
No server  
management



Pay per use



Scaling with usage



Availability

# Task

## In your team:

- Implement a finance and/or real estate process on AWS, Azure, Google Cloud Platform, and SAP Cloud Platform
- Evaluate cloud qualities like the development experience, performance, scalability, availability, and expected costs (within a small budget) and compare with other teams.
- Analyze the available options and technologies on each platform for securely integrating with a standard ERP system like SAP S/4HANA

# Goals

## Learning goals

- Get familiar with a standard ERP finance or real estate process
- Get acquainted with state-of-the-art cloud computing platforms: AWS, Azure, GCP, SAP CP
- Build a cloud-native application considering both technical and business-related constraints
- Learn the strengths and gain an understanding of the limits of serverless computing

# Thank you.

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