



Trends and Concepts in the Software Industry II

Development Experience on Enterprise Cloud Platforms

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Introduction 06th November 2020

Best-run Businesses Are
Intelligent Enterprises
Are Integrated Enterprises

The Intelligent Enterprise

A hand holding a pen pointing at a digital screen displaying data. The screen shows various data points and graphs, with a prominent green bar chart. The background is dark with blue and green light effects.


Sales and Distribution

Material Management

Finance


Human Resources

Enterprise Resource
Planning




Customer Relationship
Management

The Intelligent Enterprise




Enterprise Resource
Planning




Customer Relationship
Management


The Intelligent Enterprise



Human
Resources




Enterprise Resource
Planning




Customer Relationship
Management

The Intelligent Enterprise



Human
Resources



Enterprise Resource
Planning



Workforce Management



General Procurement



Customer Relationship Management

The Intelligent Enterprise



Human Resources



Enterprise Resource Planning



Workforce Management



General Procurement



Customer Relationship Management



Travel & Expenses

The Intelligent Enterprise



Human Resources



Enterprise Resource Planning



Workforce Management



General Procurement



Customer Relationship Management



Travel & Expenses



Human Resources



Enterprise Resource Planning



Workforce Management

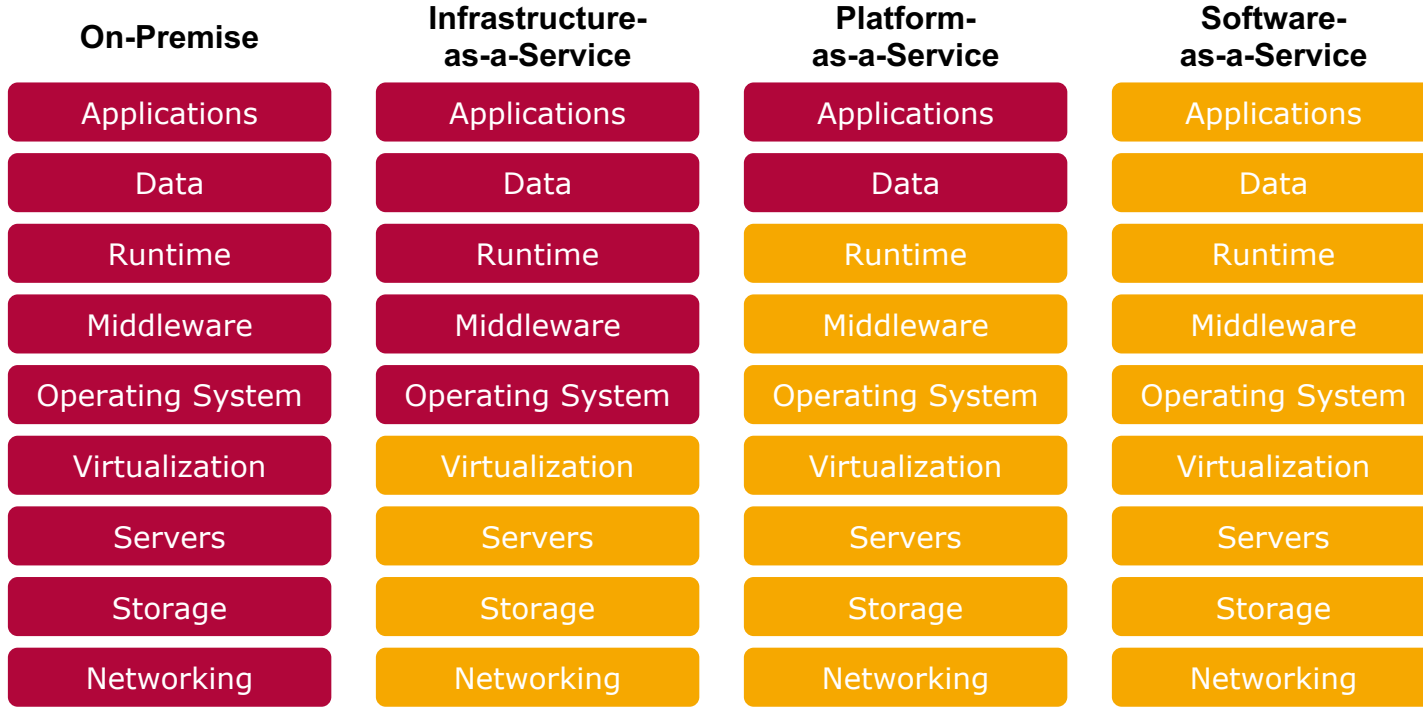
Enterprise Cloud Platform

- Extend
- Integrate
- Data-to-Value

Enterprise Cloud Platforms

From On-Premise to the Cloud

- Extend
- Integrate
- Data-to-Value



- You manage
- Service provider manages

Cloud

Enterprise Cloud Platforms (Recap TuK I)

Target-Actual Comparison on SAP Cloud Platform

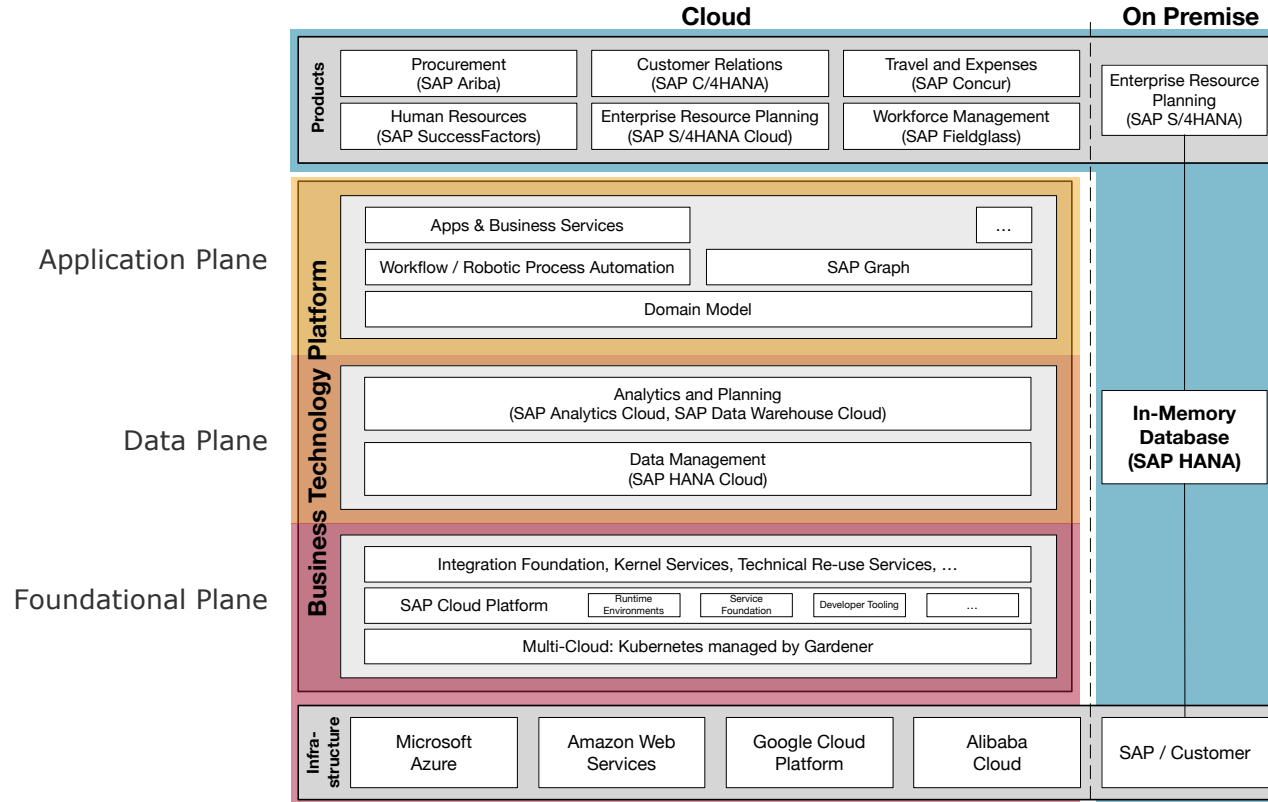
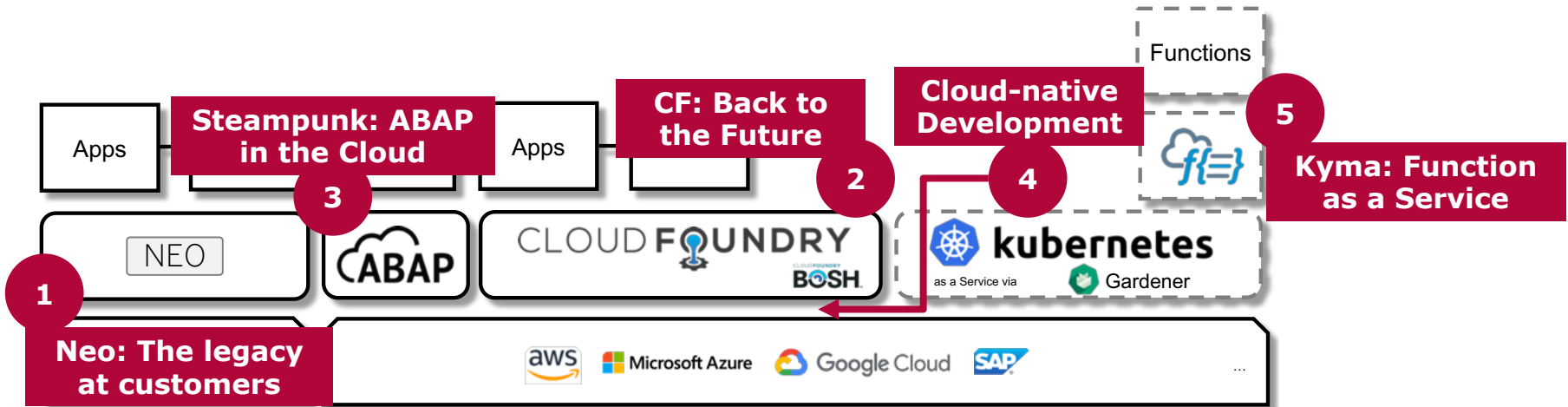


Chart 11

Enterprise Cloud Platforms

Target-**Actual** Comparison on SAP Cloud Platform



Trends and Concepts in the Software Industry

Goals and Learning Experience

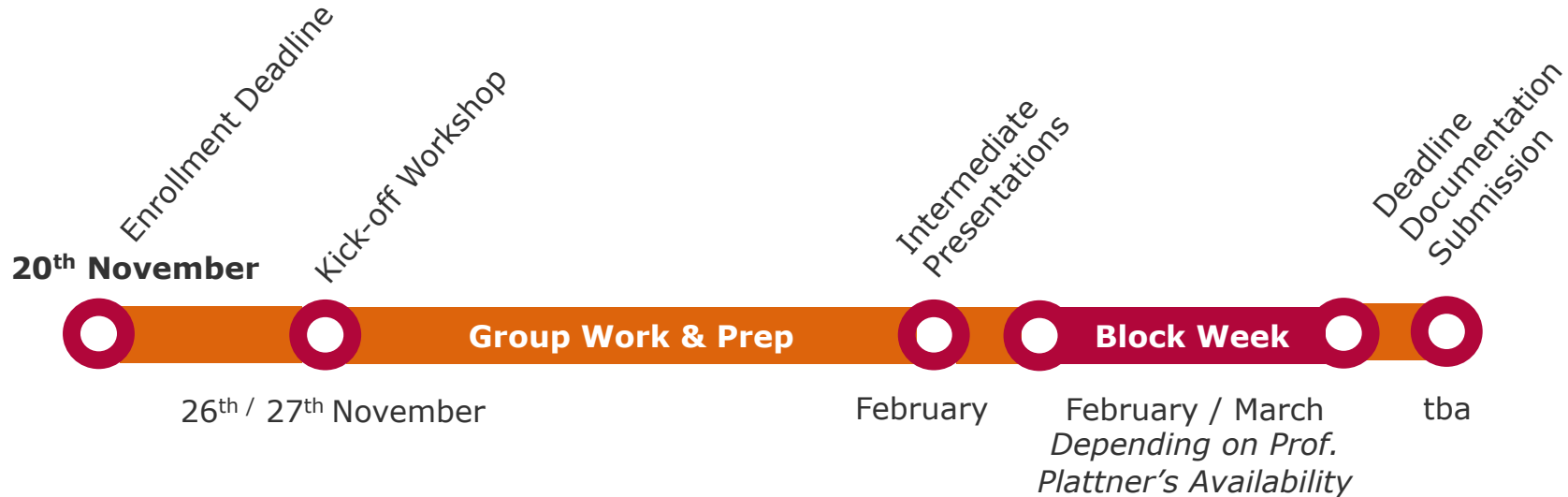


Participants will

- Learn about **fundamental principles** behind enterprise cloud platforms
- Become familiar with real business and **how a cloud offering can transform their use cases**
 - Understand the need for customer-side development on cloud-based enterprise applications
 - **Requirements analysis, problem-solving, and consultancy** (for your customer and SAP)
- **Work hands-on** and write, test, and deploy code for cloud-based systems
- Improve teamwork, self-organization, presentation and **pitch skills**

Trends and Concepts in the Software Industry

Seminar Schedule



Trends and Concepts in the Software Industry

Overview of the Seminar



Pre Phase	INTRODUCTION	06.11.2020	Introduction and information session
	2-DAY KICK-OFF WORKSHOP	26.11. & 27.11.2020	<ul style="list-style-type: none"> •Expert Sessions •Hands-on Exercises •Preparation for case studies
	SELF DEPENDENT GROUP WORK & EXERCISES	December January February	<ul style="list-style-type: none"> •Your own schedule <p>Case studies, identify positive experiences and issues in your cases</p> <ul style="list-style-type: none"> •User and Expert interviews + further desk research •Synthesis of results •Your own schedule <p>Build your own cloud native App</p>
	INTERMEDIATE PRESENTATIONS	tba	<p>Present your insights</p> <ul style="list-style-type: none"> •Short presentation and discussion
Block Week	SEMINAR WEEK BUILDING & PRESENTING A SOLUTION	Feb / Mar 2021	<ul style="list-style-type: none"> •Presentation: case studies and insights, initial prototype ideas •Expert sessions: technology aspects •Ideation and Implementation of a prototype •Test / evaluation with case study contacts •Final presentations •5 days
Post Phase	DOCUMENTATION	tba	<p>Document your work</p> <ul style="list-style-type: none"> •Written report •Video or screencast to experience your prototype

Chart 17

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Prerequisites



- Mandatory
 - **Motivation** to deep-dive into technical aspects of a modern cloud platform and learn directly from customers about enterprise applications

- Beneficial
 - Basic knowledge about cloud native development, enterprise data management, and modern database systems.
 - Attendance of Trends and Concepts in Software Industry I
 - This knowledge can easily be acquired through reading and watching the recommended materials

Trends and Concepts in the Software Industry

Grading



- 6 ECTS (IT-Systems Engineering MA: ITSE-Analyse; ITSE-Entwurf; BPET; OSIS; Data Engineering MA: DATA; Digital Health MA: SCAD; APAD; Cybersecurity MA: IDMG)
- Engagement to discussions, the project and teamwork, exercises, intermediate presentations (30%),
- Project results and final presentation (40%),
- Documentation of the results (30%)

Pre-Enrollment open now:

<https://forms.gle/5CfY3ukaubfNDFte8>



Enrollment until 26th November

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HPI Campus II

Villa, Room: V-2.18

Please enroll:

<https://forms.gle/5CfY3ukaubfNDFte8>

