

Week 1 Unit 1: **Welcome and Overview**

Welcome and Overview

Open, standards-based, enterprise-ready



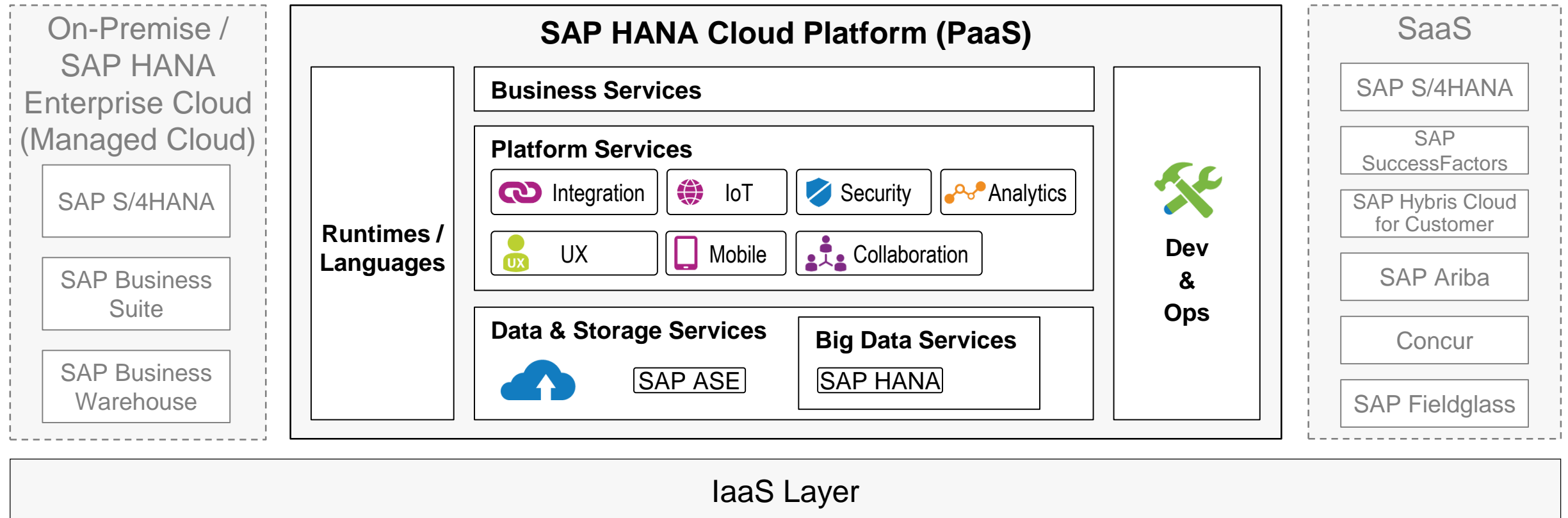
Build



Extend



Integrate



Welcome and Overview

SAP HANA Cloud Platform Essentials openSAP course

An introduction to SAP HANA Cloud Platform with our SAP HANA Cloud Platform Essentials openSAP course


- Theoretical introduction
- Setting up your free developer account
- Setting up your development environment
- Deploying applications to the cloud
- Using SAP HANA Cloud Platform services

<https://open.sap.com/courses/hcp1>



SAP HANA Cloud Platform Essentials

Rui Nogueira and Sven Kohlhaas

 May 10, 2016 - June 29, 2016

 English

Since the introduction of SAP HANA Cloud Platform in 2012 and the first openSAP course about it in 2013, the platform has been

Show course details 

Enter course 

Welcome and Overview

Java Runtime

The Java Runtime enables developers to leverage existing knowledge and use that to bring applications on SAP HANA and in the cloud.

Key capabilities

- Develop, deploy, and run Java applications in the cloud
- Applications run on a runtime container where they can use the platform services APIs and Java EE APIs according to standard patterns

Benefits

- Standards-based Java development
- Java EE 6/7/8 certified
- Supports a wide-spread Apache Tomcat Web container



**Develop Java
Applications**

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Welcome and Overview

Eclipse

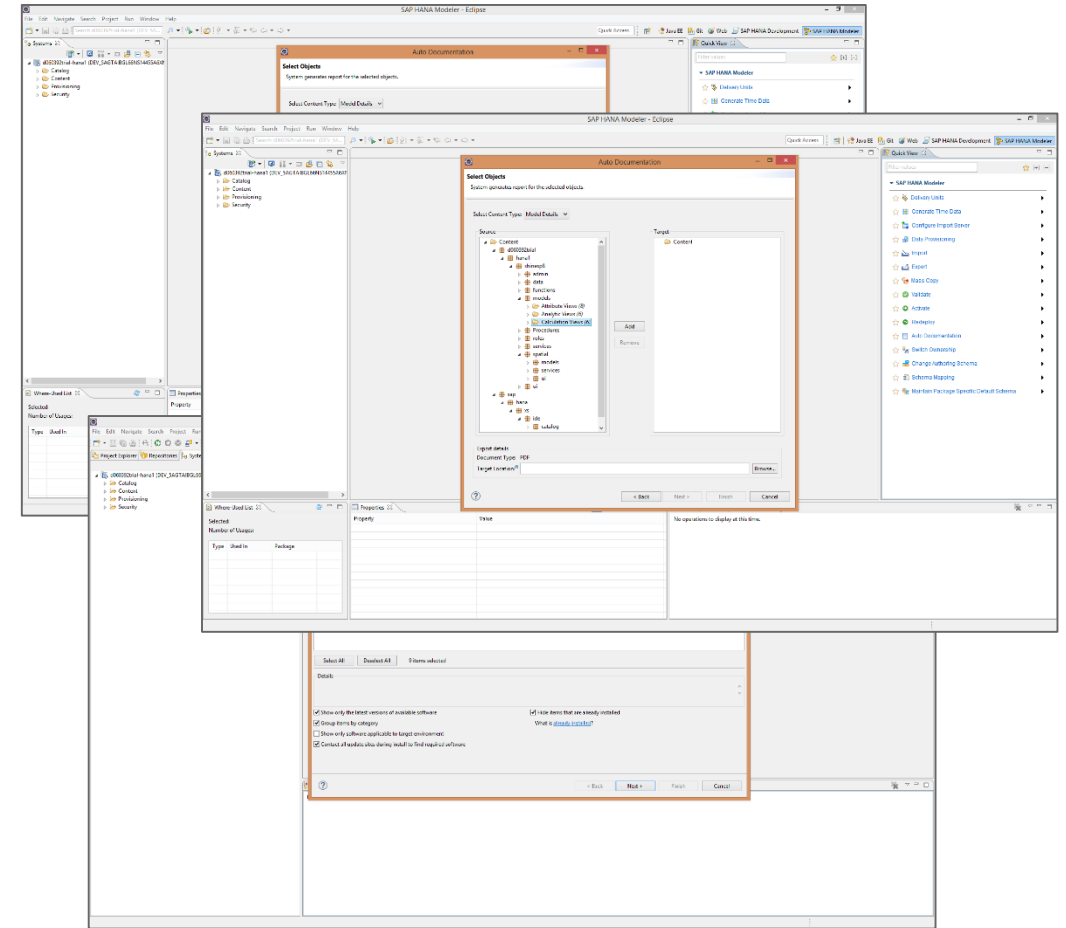
The open-source Eclipse IDE in the SAP HANA studio or with the SAP HANA Cloud Platform tools can be used to develop for SAP HANA and SAP HANA Cloud Platform from a local computer.

Key capabilities

- Integrated development environment: SAP HANA studio and SAP HANA Cloud Platform tools for Java
- Offline development possible because the IDE runs locally
- Full access to custom plugins of the huge ecosystem

Benefits

- Use of the popular open-source Eclipse IDE
- Leverage existing knowledge and experience in working with the Eclipse IDE



Welcome and Overview

SAP HANA Cloud Platform cockpit

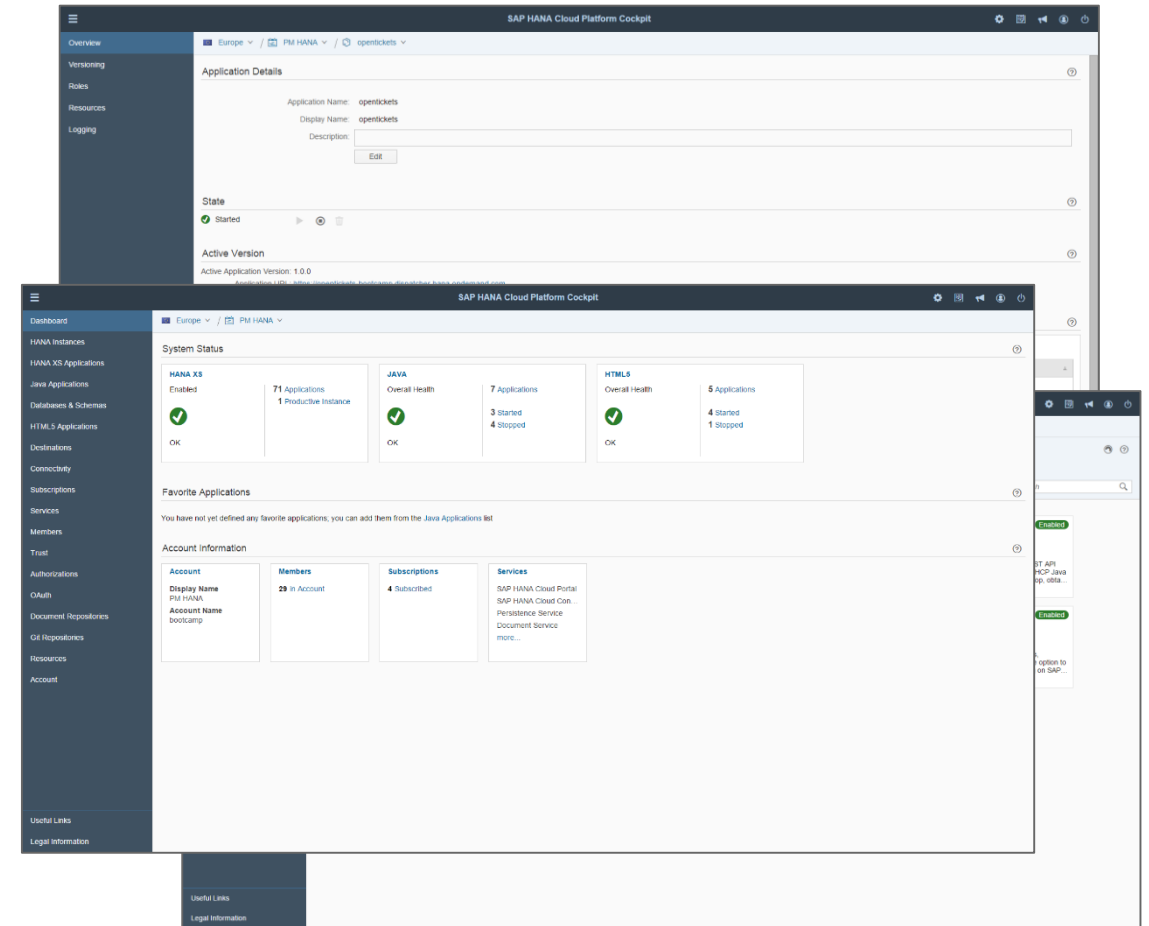
The SAP HANA Cloud Platform cockpit is the consolidated destination for all operational needs, from configuration to deployment and monitoring on SAP HANA Cloud Platform.

Key capabilities

- Entry point to SAP HANA Cloud Platform on the Web
- SAP HANA Cloud Platform and application configuration
- Deployment of Java, XSJS, and HTML5 applications
- Monitoring of resources, databases, and applications

Benefits

- Complete overview and access point of SAP HANA Cloud Platform
- Easy Web-based operations administration



Welcome and Overview

The ESPM application – scenario

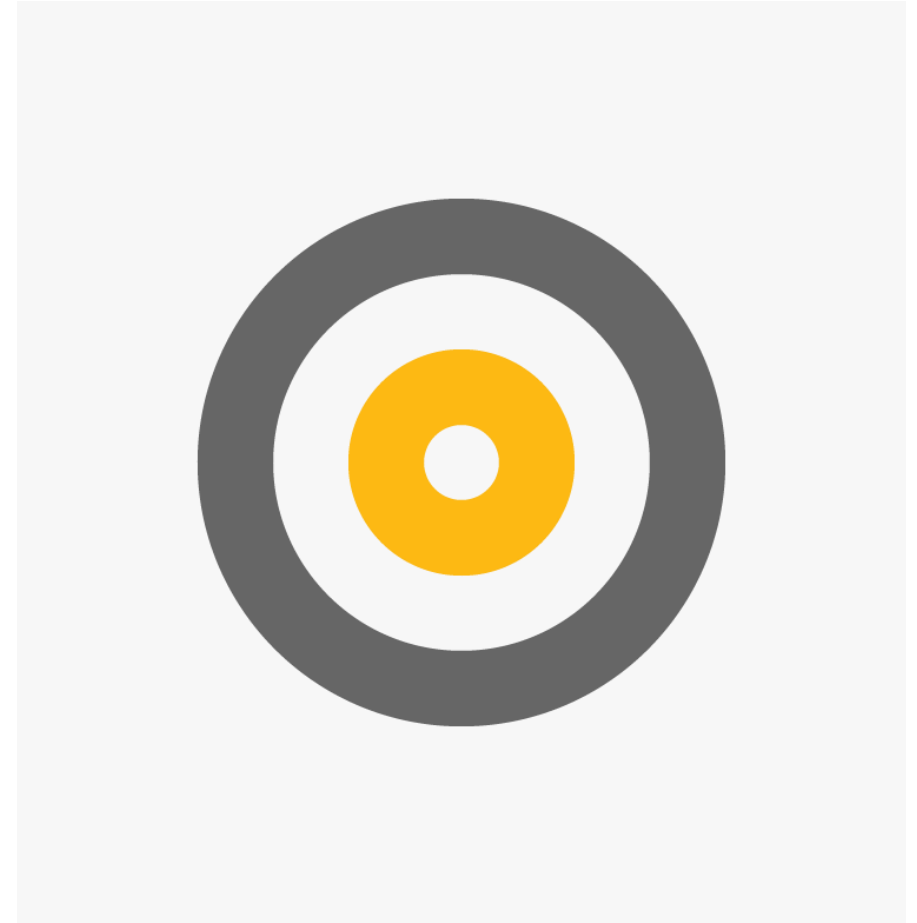


Welcome and Overview

Scope of this course

What we will cover in this course

- Deploying and getting to know the ESPM application
- Developing the ESPM application
 - The frontend
 - The backend and database connection
- Security and identity management
- Collaboration and document service
- Additional features



Welcome and Overview

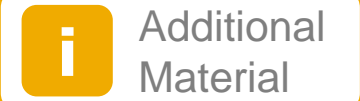
What you've learned in this unit

- SAP HANA Cloud Platform elevator pitch
- Where you can get an introduction to SAP HANA Cloud Platform with the SAP HANA Cloud Platform Essentials openSAP course
- Capabilities and benefits of the
 - Java Runtime
 - Eclipse IDE
 - SAP HANA Cloud Platform cockpit
- ESPM application overview
- Scope of this course

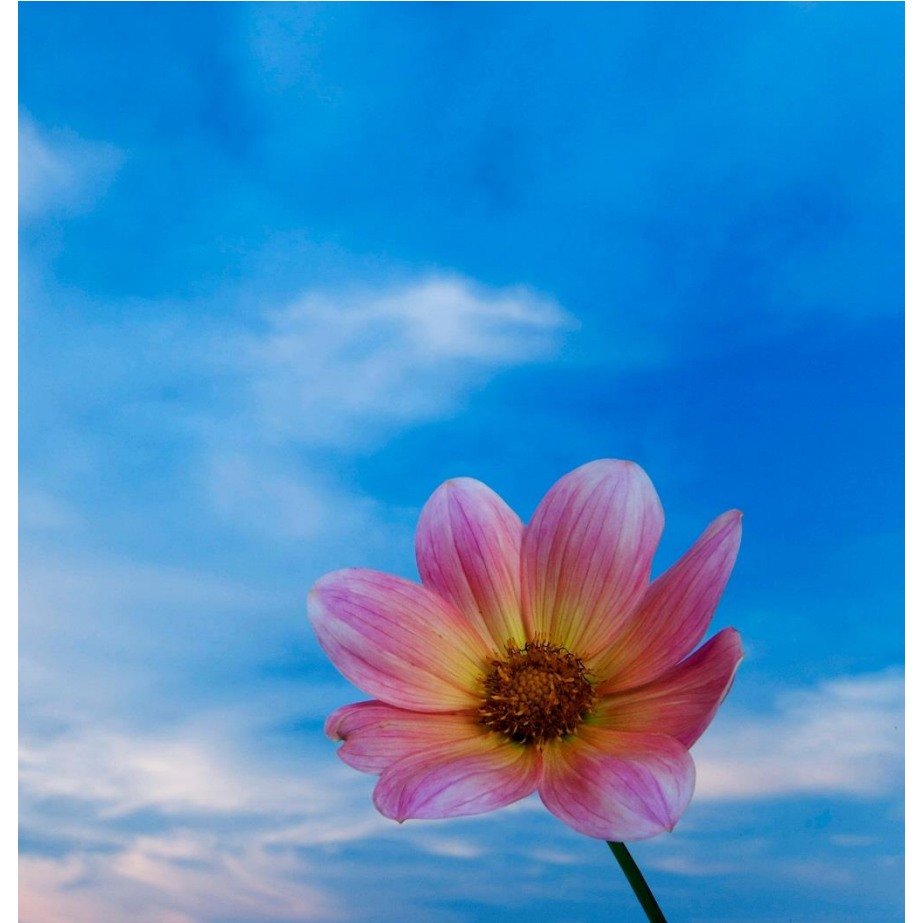


Welcome and Overview

Further Reading



- [SAP HANA Cloud Platform Essentials openSAP course](#)
- [The ESPM application on GitHub](#)





Thank you

Contact information:

open@sap.com

open**SAP**

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