

DEV261

Build Cloud-Native Extensions for SAP Solutions Based on Kubernetes

Marco Dorn, SAP

PUBLIC



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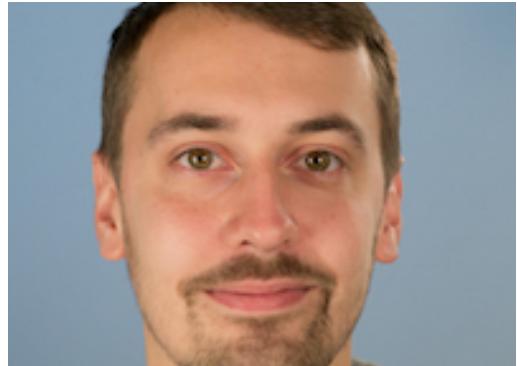
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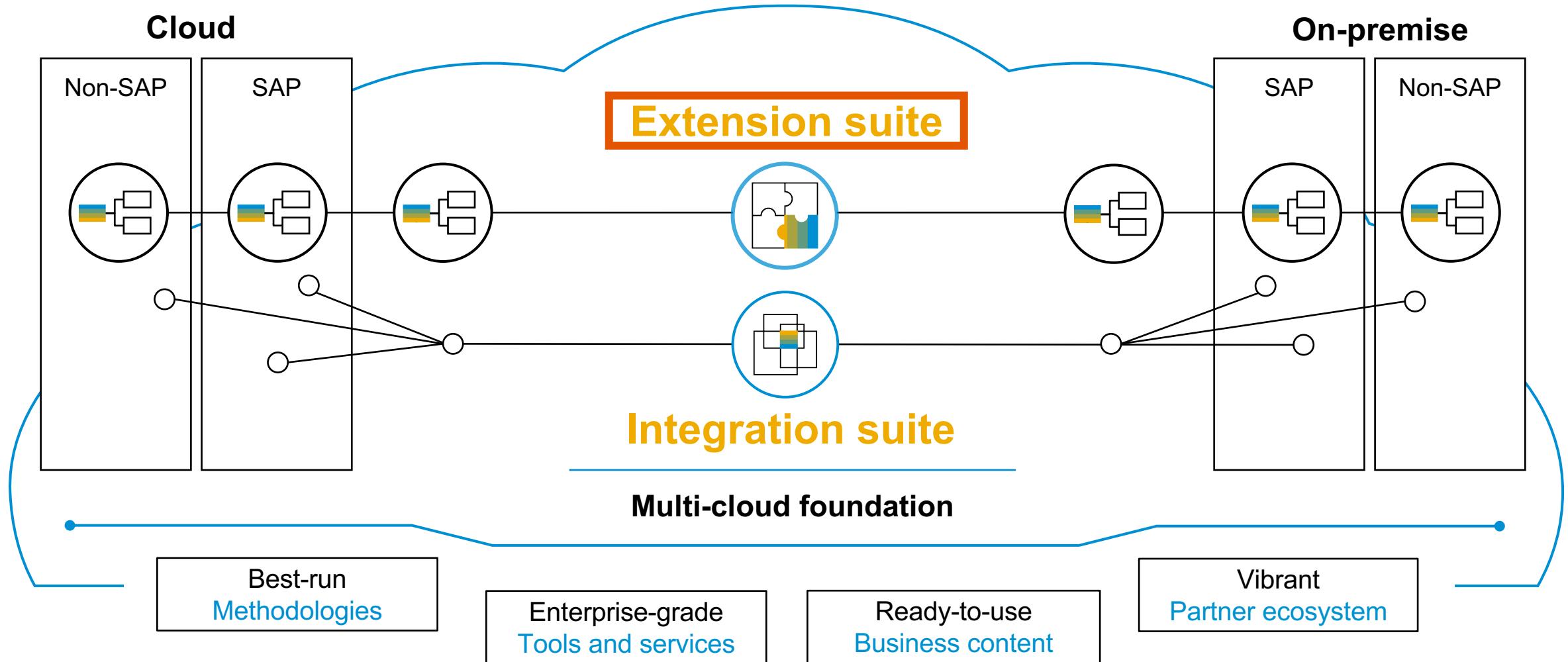
Stanimir Ivanov



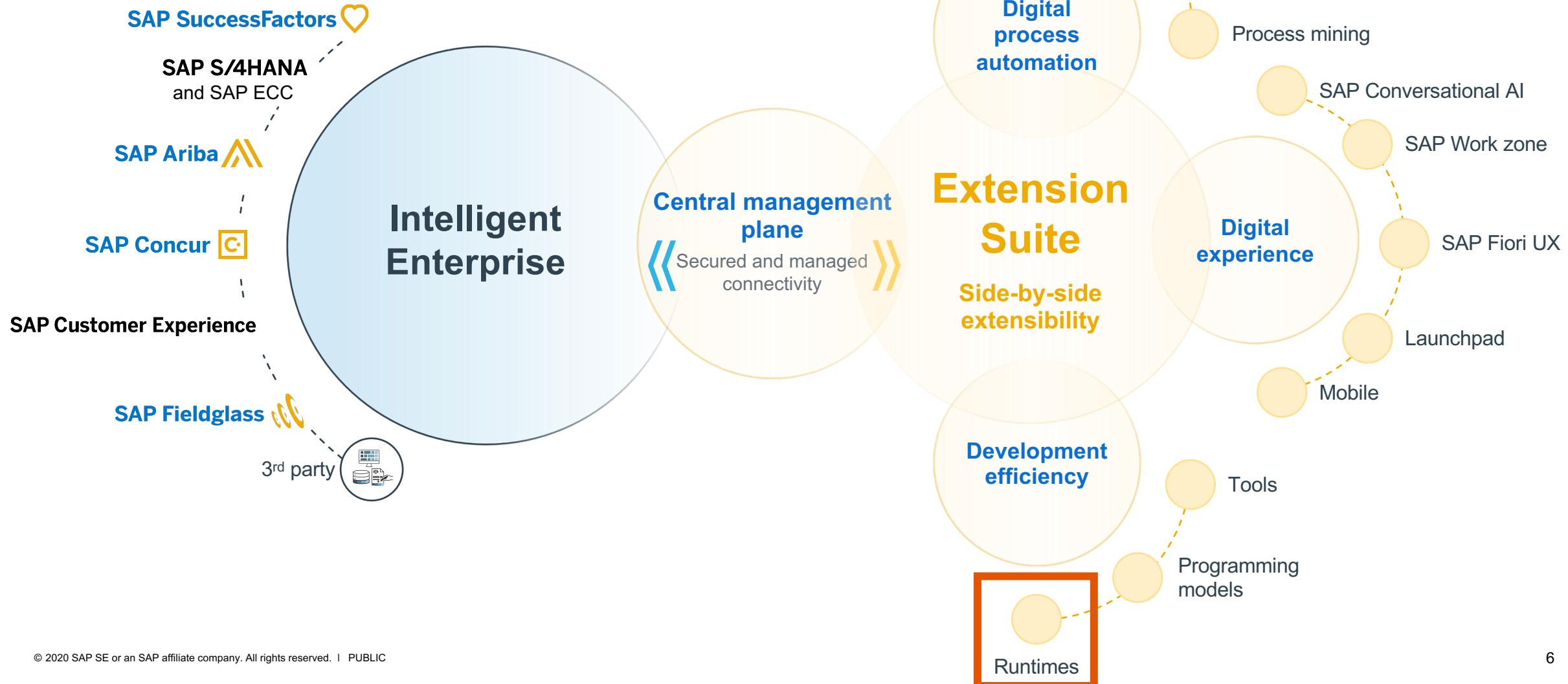
Marco Dorn

SAP Cloud Platform – Elevate your enterprise experience

Accelerate integrations. Simplify extensions. Expand business value.



SAP Cloud Platform Extension Suite



Target user of SAP Cloud Platform, Kyma runtime

Enable the
cloud-native developer



Overview and benefits of SAP Cloud Platform, Kyma runtime

Build event- and API-based side-by-side applications and extensions to gain

- Flexibility
- Independence
- Efficiency and speed

Get a fully managed runtime with service-level agreements from SAP and SAP Enterprise Support, cloud editions

Make use of services from

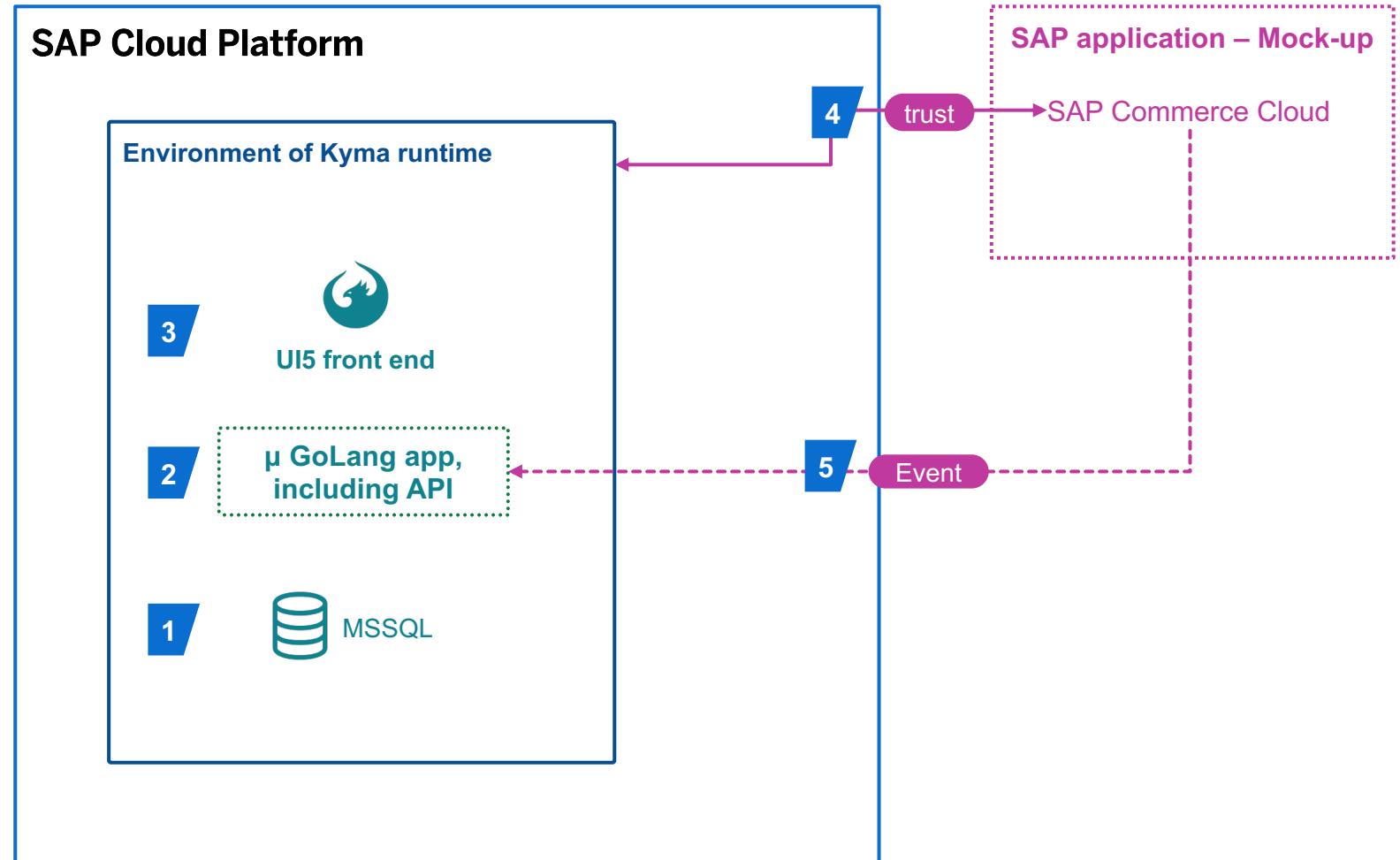
- SAP Cloud Platform
- Hyperscalers (Microsoft, Google, Amazon)

The screenshot shows the SAP Kyma runtime interface. On the left is a sidebar with navigation links: Back to Namespaces, Overview, Service Management (which is selected), Catalog, Instances, Configuration, API Rules, Brokers, Permissions, Resources, Config maps, Development, Functions, Operation, Deployments, and Replica Sets. The main area is titled 'default'. It displays a 'Namespace-ID' field with a redacted value, a 'Labels' section containing 'knative-eventing-injection=enabled', and a summary section with counts: 8 Services, 2 Bound Applications, and a 'Show All Applications' link. Below this is a 'Connected Applications' table with one visible row.

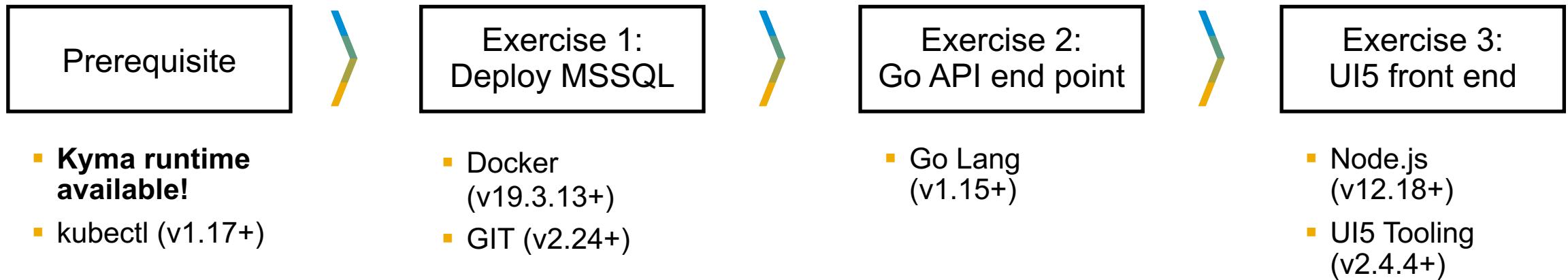
What's inside the Kyma runtime for SAP Cloud Platform

-  **Built-in service mesh:** Use service-to-service communication and proxying
-  **Built-in serverless engine:** Build lightweight use cases with serverless functions
-  **Event hub:** React to applications' business events
-  **API gateway:** Expose securely APIs of built apps
-  **Service catalog:** Take advantage of easy instantiation and consumption of services made available to the runtime
-  Secure SAP application connectivity
- Fully built on open source
-  Things we will touch on this hands-on workshop

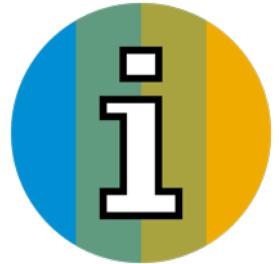
Goal for DEV261



Tooling you need to fully follow the tutorials



More information



Related SAP TechEd sessions

- DEV100 – DevOps with SAP: Holistic Overview and Latest News
 - DEV166 – Extend SAP S/4HANA with SAP Cloud Platform Extension Suite
 - DEV201 - Extending the Intelligent Enterprise Through SAP Cloud Platform
 - DEV207 – Digital Process Automation with SAP Cloud Platform Workflow Management
 - ST104 – Future-Proof Your Extensibility Strategy Across SAP Solutions in 2021
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Public SAP Web sites

- SAP Community: <https://community.sap.com/topics/cloud-platform>
- SAP products: <https://www.sap.com/products/cloud-platform.html>
- SAP Help Portal: <https://help.sap.com/viewer/product/CP/Cloud/en-US>
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SAP Global Certifications



Thanks for attending this session.

Contact for further topic inquiries

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