DT261

Extend SAP S/4HANA to Meet Unique Business Needs the Cloud-Native Way

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THE BEST RUN SAP

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Why do we need extensibility?

The ultimate challenge for business is adapting to change

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Extensibility is the perfect solution

used by business to address this challenge

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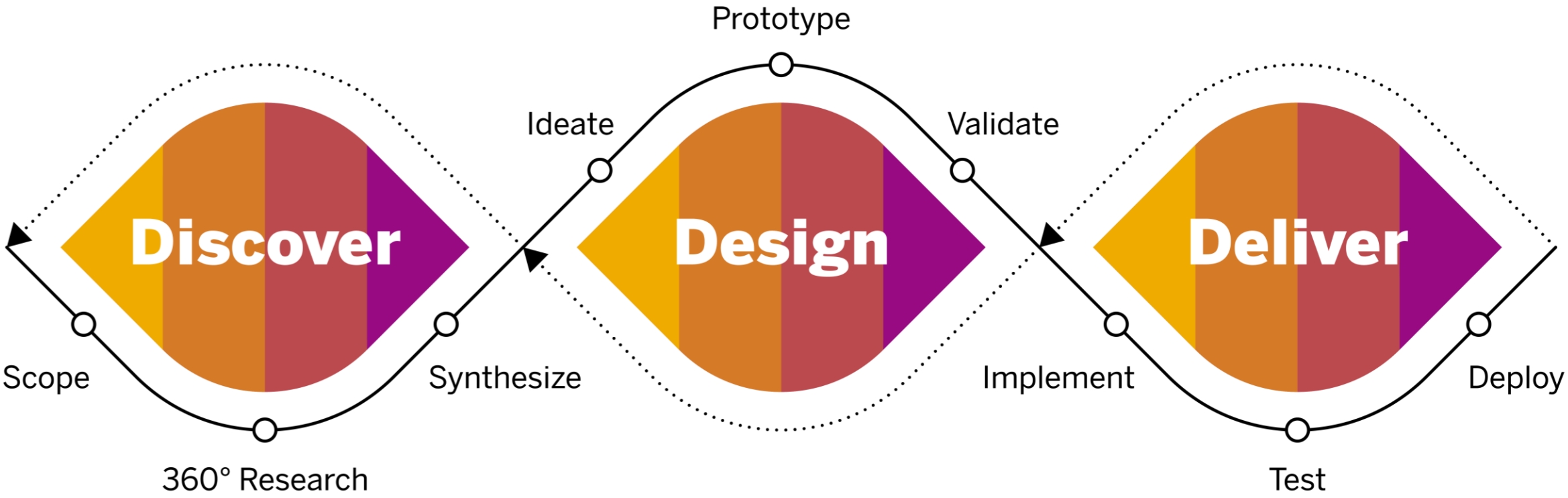
Cloud-native extensions speed up the innovations loop



Subaccounts

Directories

Resource Providers

Boosters

System Landscape

Entitlements

Usage Analytics

Useful Links

Legal Information

Global Account: [redacted] - Subaccounts

Subdomain: [redacted]

All: 1

New Subaccount | Switch Global Account | Delete Trial Account

All Environments | All Data Centers

trial

Provider: Amazon Web Services (AWS)

Region: Europe (Frankfurt) - AWS

Description: -none-

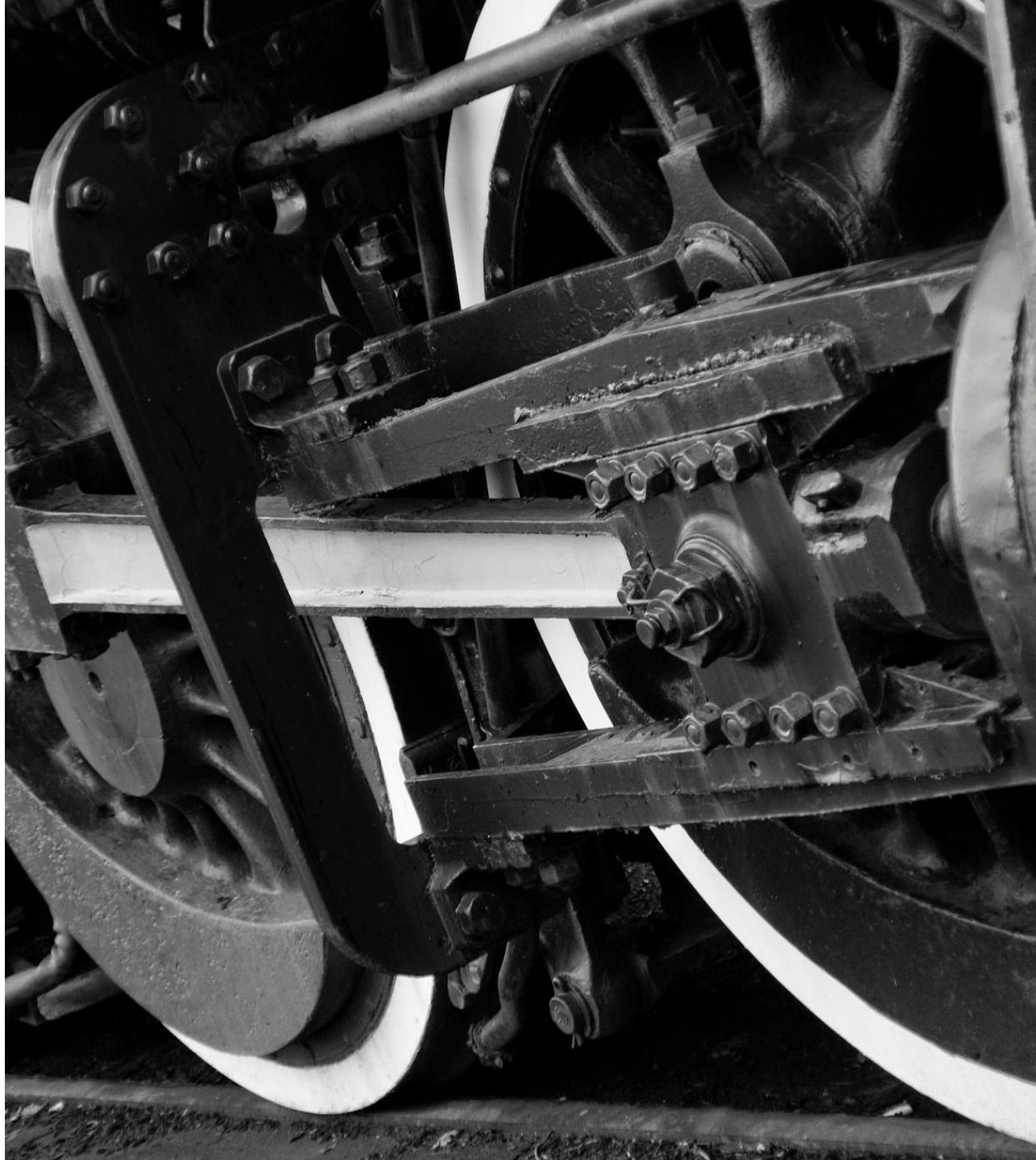
Environment: Multi-Environment

Learn how global accounts and subaccounts relate to each other and find recommendations for setting up your account model.

Toxic vs Healthy extension

Toxic extensions – beware!

- Non-cloud native
- High total cost of ownership (TCO)
- Slow time to market
- Delayed access to innovations
- Obsolete and fragile eco-system
- High risk of sunk costs
- Difficult maintenance and updates
- Low investments protection



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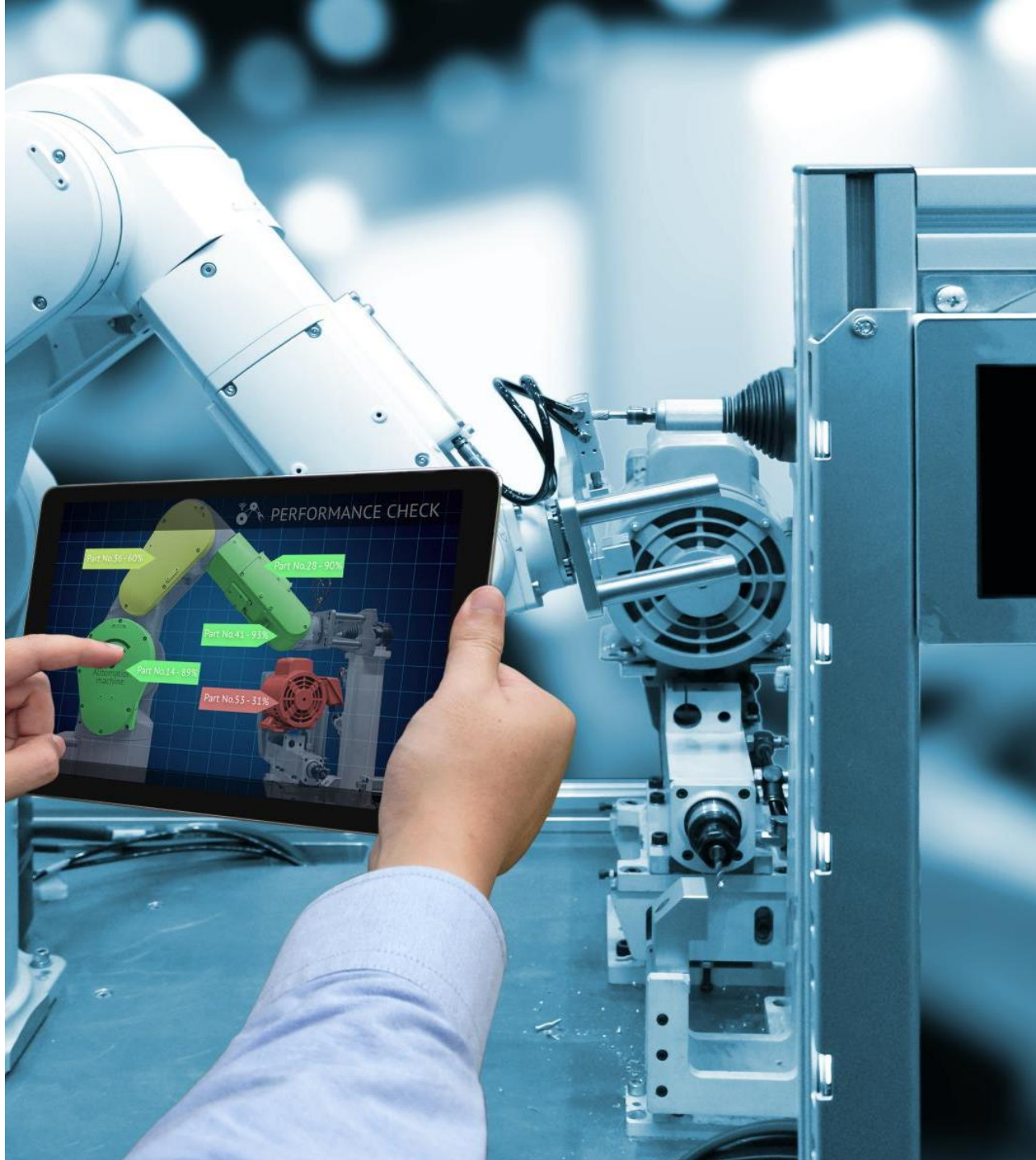
Endorse healthy extensions!

- Cloud-native!
- Low total cost of ownership (TCO)
- Agility of innovations
- Modern and resilient eco-system
- Quick updates, timely delivery
- Almost no sunk costs
- Simplified maintenance
- Safeguarding your investments



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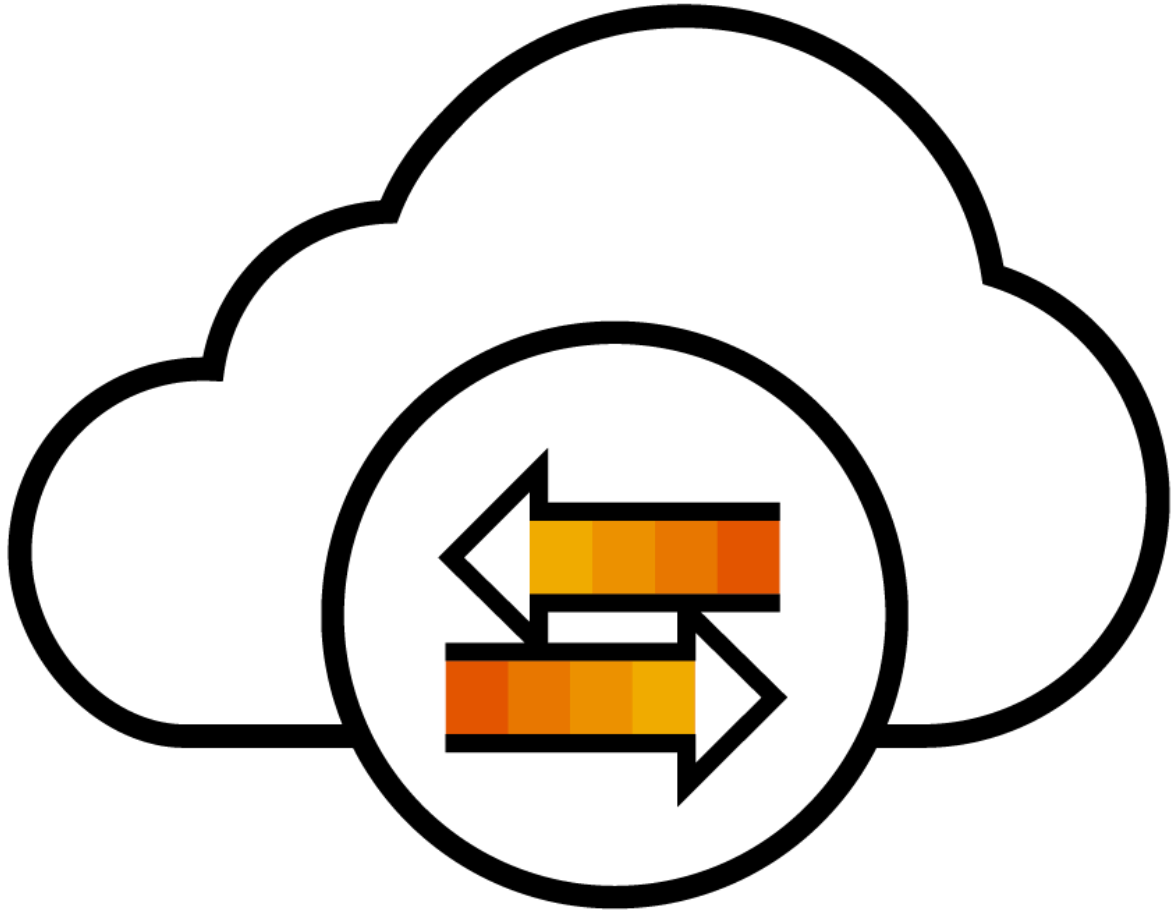
Cloud-native qualities

Elasticity

Use as much resources as needed to always ensure minimal TCO



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Scalability

Sustain spikes and compensate dips in load to ensure best quality of service

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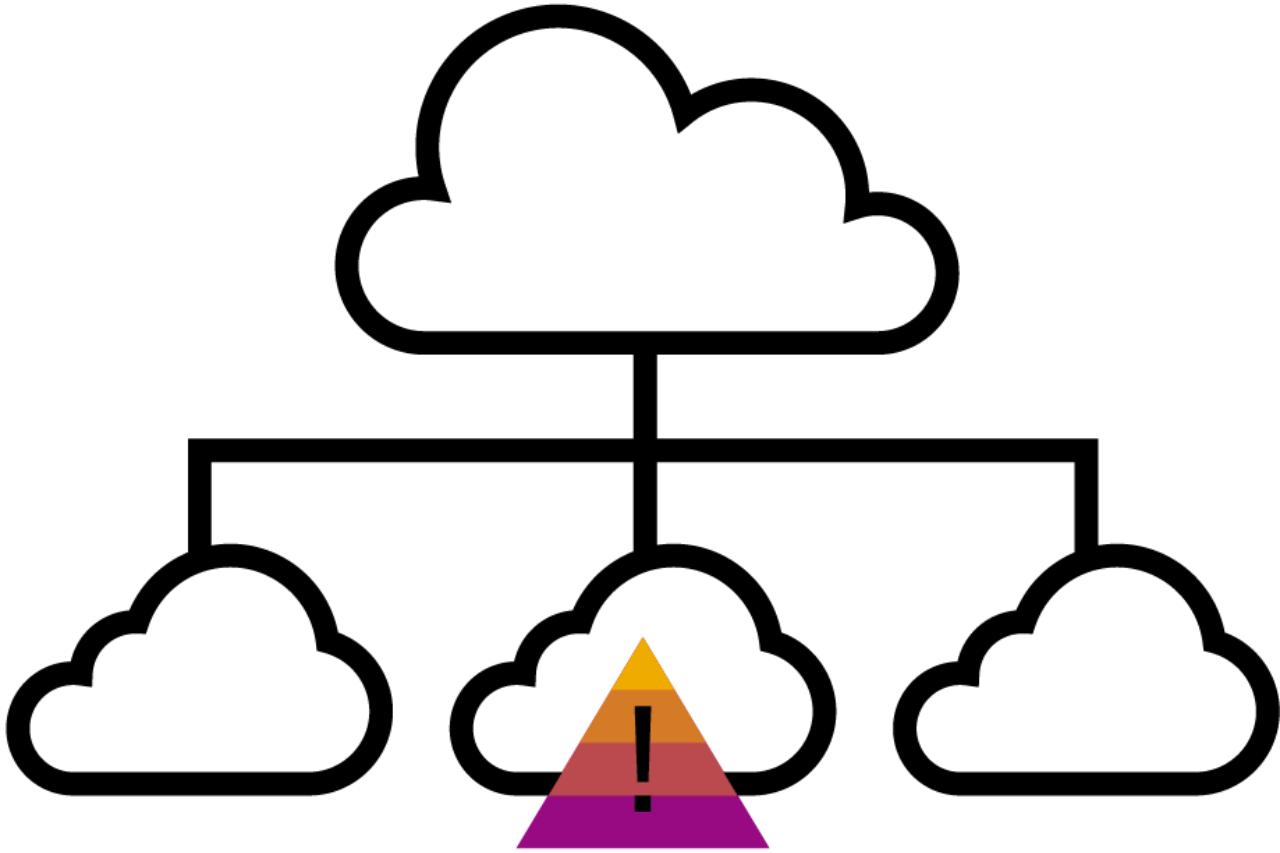
Reliability

Stay resilient to failures by load balancing and fast recovery times



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Continuous delivery

Optimize time to market by automated feature delivery after every commit

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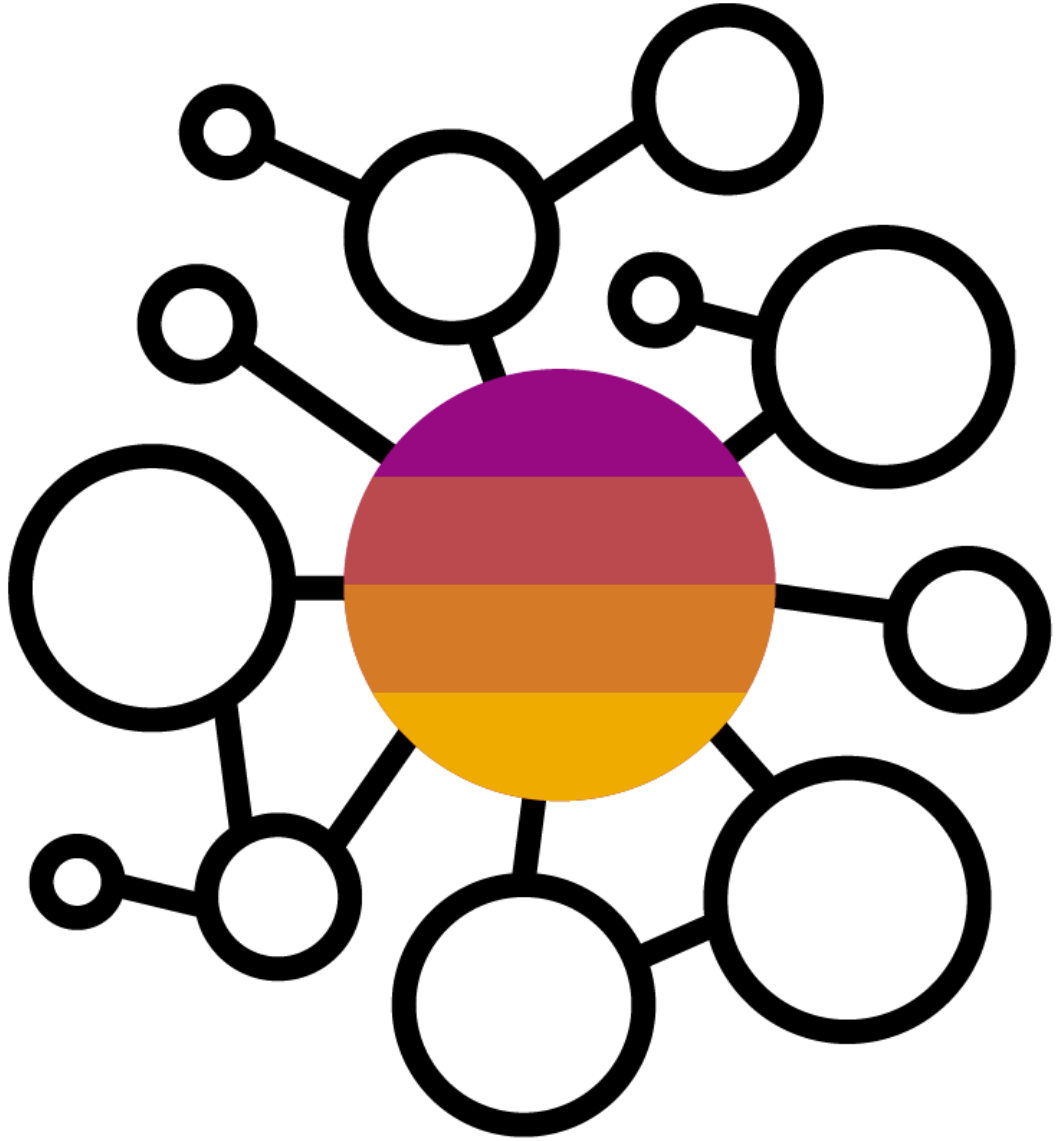
Ecosystem

Enjoy rich ecosystem and speed up development by using value add services



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Monitoring and analytics

Prevent service disruptions by timely reaction and graceful handling of incidents

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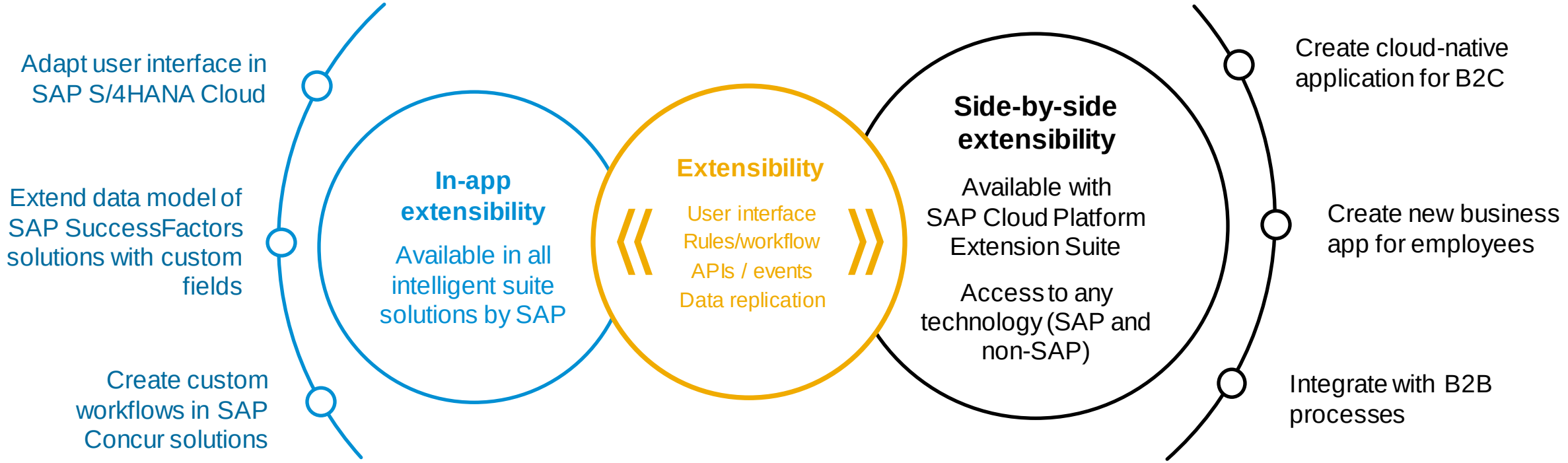
Extensibility types

What extensibility model to choose?



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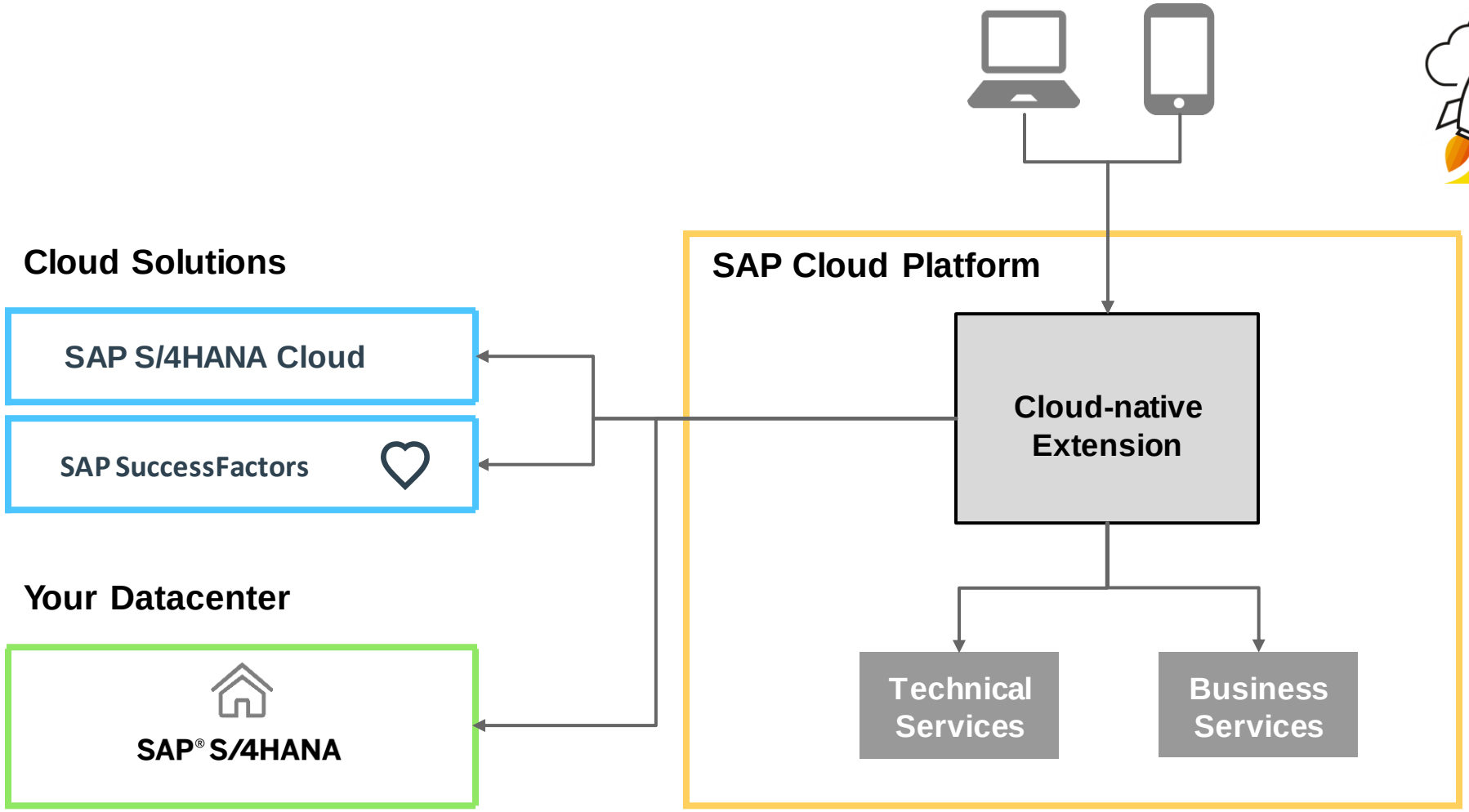
Side-by-side extensibility in SAP



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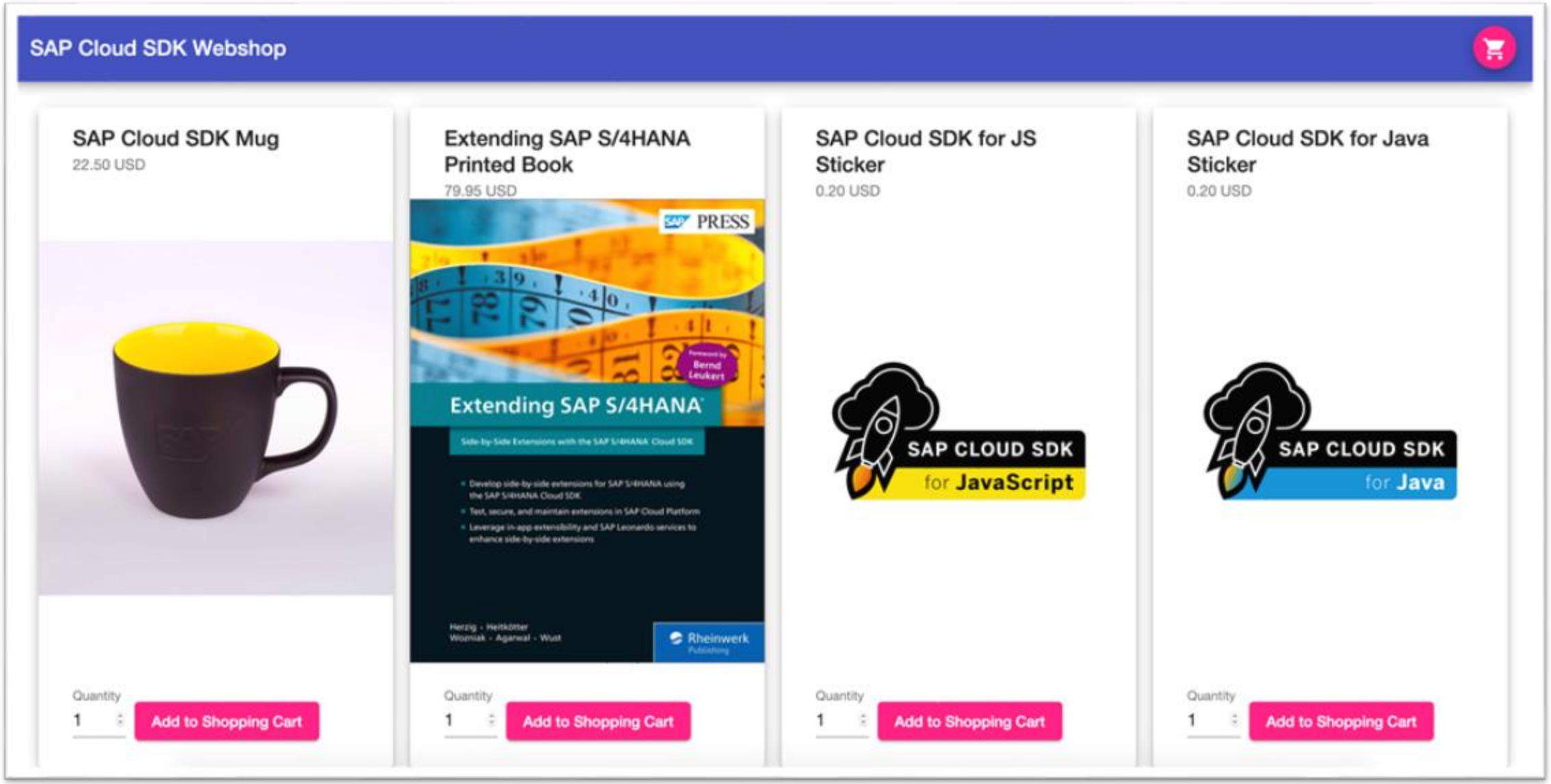
Introduction of the exercise scenario

The example application



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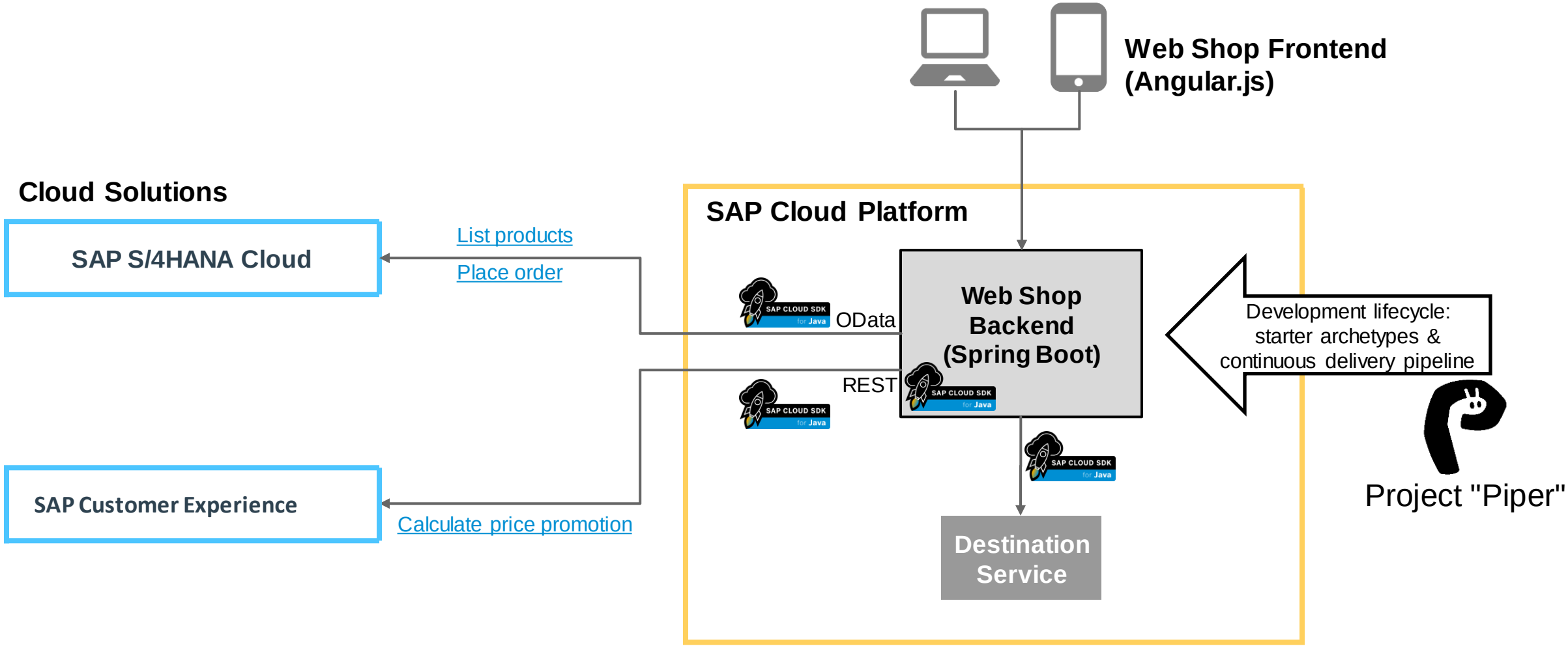
Exercise app

Powered by the SAP Cloud SDK and Project "Piper"



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Exercise

Web-shop application

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