SAP Hybris YaaS on AWS

May 2017 – Dr. Andreas Binder – Chief Cloud, Head of Development SAP Hybris YaaS

Who we are?

SAP Hybris The front office of SAP



Products to engage with customers

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 Offer Samples

SAP Hybris products for

- Commerce
- Marketing
- Sales
- Service
- Revenue
- YaaS



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The vision

YaaS.jo Reinvent your world



Our mission – reinventing the front office

YaaS is the fastest way to create, extend and sell innovative apps and services, connecting enterprises directly to customers to generate new digital streams of revenue.

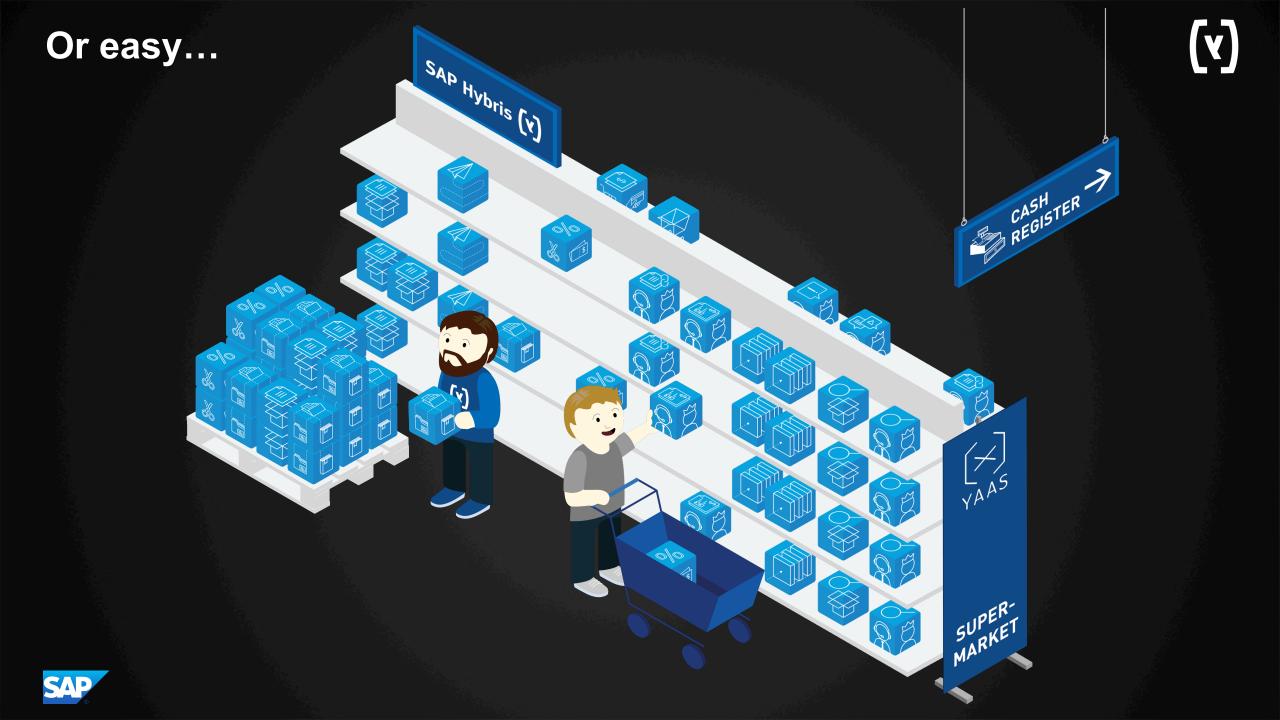


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Our mission – reinventing the front office

Delivered as cloud-native framework for building microservices based apps, YaaS provides a workbench, mashable building blocks, data connectivity, and a digital marketplace.





Create and sell digital products and services fast





3 primary use cases

Create

Create new cloud-native apps using microservices, mash together with a catalog
of pre-packaged application services from SAP, AWS, Azure and beyond.

Extend

 Plug into and extend SAP and other applications to customize, innovate and create new types of customer experiences and commerce

Sell

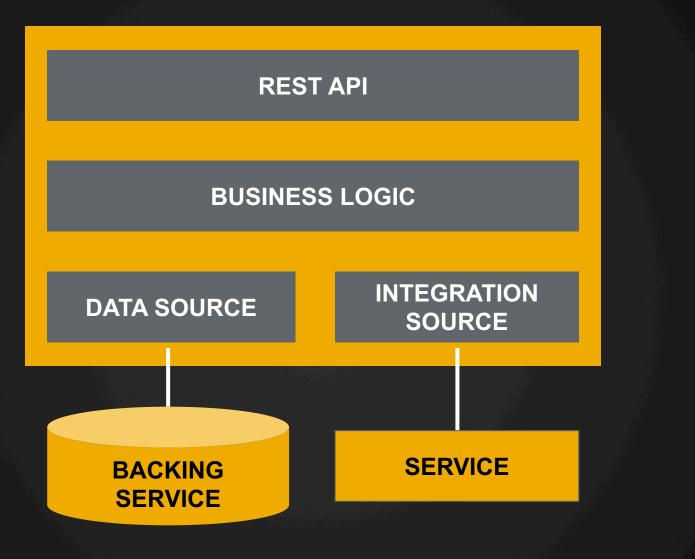
Sell new digital services using our app store to create new streams of revenue



YaaS.io @ AWS Strong partners together

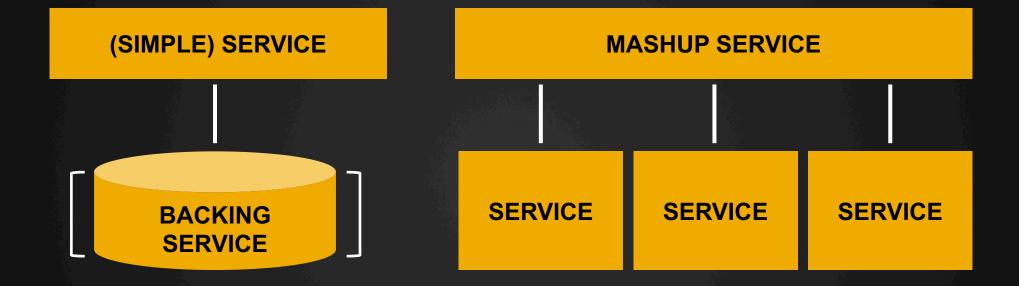


The anatomy of a YaaS microservice



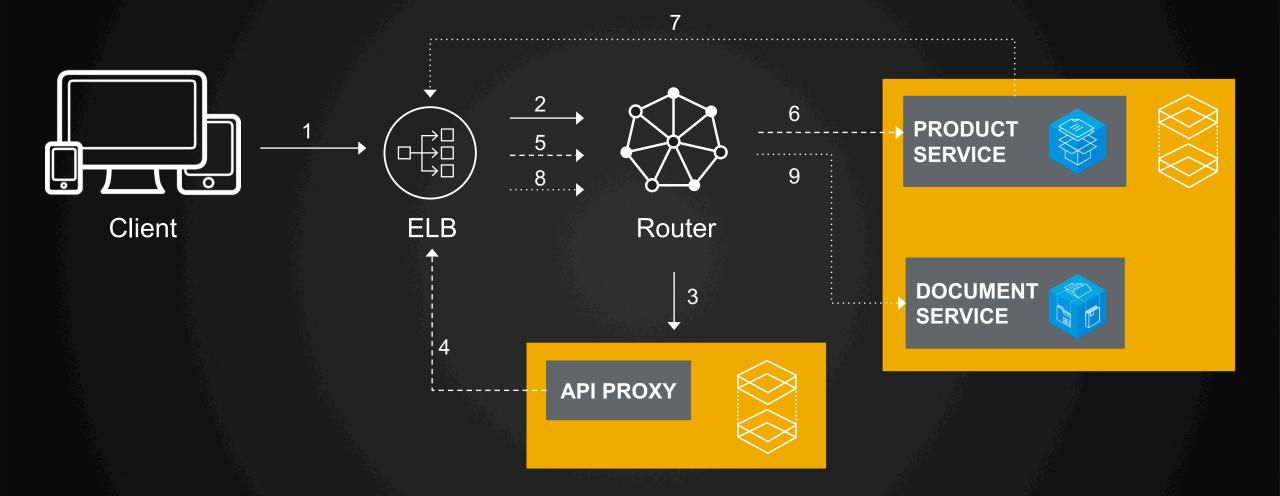


What YaaS microservice types exist





The full call stack when using the product service¹



YaaS.io @ AWS

Amazon as laaS used for

- Backing service (mongo, kafka, cassandra, redis, etc.)
- Cloud Foundry

YaaS Amazon Web Service assets

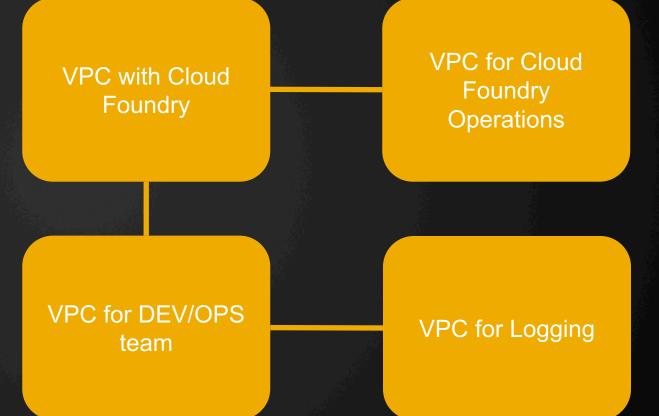
- Amazon Route 53
- AWS Elastic Load Balancer
- Amazon Elastic Compute Cloud (EC2)
- Amazon Virtual Private Cloud (VPC)
- Subnets
- Availability Zones
- Amazon Simple Storage Service (S3)
- AWS Identity and Access Management (IAM)



VPC architecture helps for small DEV/OPS

Teams are independent!

- Clear responsible areas
- Full cost control of own account
- No access for other teams
- Small Disaster Recovery concepts
- Fast incident handling

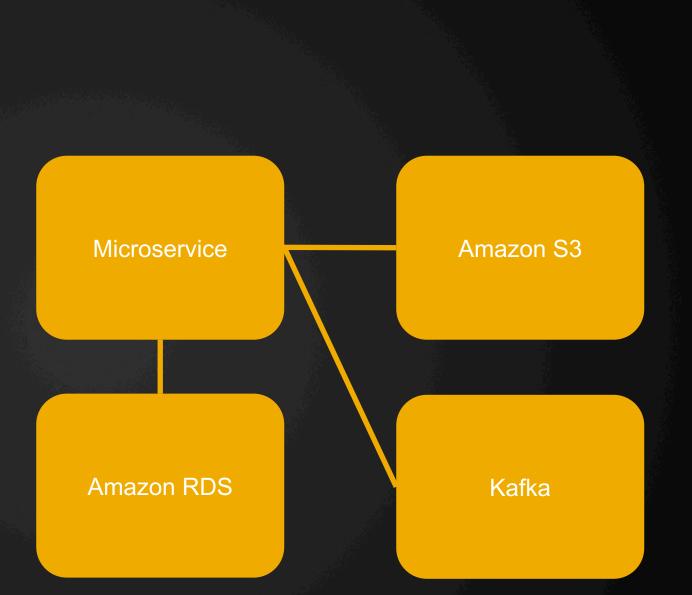




More time for innovation

Teams want to innovate!

- Small teams can focus on their innovation
- Only own backend services which
 - are essential must be operated
- No overhead for standard storage operations







Reduce complexity for business

- Standard roll-out in different regions
- Focus on legal topics and not on technical challenges
- Similar contracts for customers
- Easy resource planning



Security out of the box

Security is essential part of the whole system

- Small scopes for certification
- AWS has all typical certifications as good baseline
- Advanced IAM
- MFA out of the box
- Basic DDOS protection in place (AWS Shield)





Q&A



Thanks for listening

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