

Kubernetes Accelerator

8 days Accelerator – Proof of Value

Most digital transformation initiatives are built on top of big data, cloud computing & DevOps. This offering focusses on a key component to support this: containers. This offering will help you understand Kubernetes, the platform to manage the container orchestration, on Azure.



Today's needs vary more frequently than they did in the past which leads to building new applications or to extending existing applications with cloud services. However, company core business applications delay today's initiatives. They are built using classic approaches & architectures, hosted on premises and often tough to integrate with. Kubernetes is a platform that brings history & the future together. Kubernetes is part of architectures to host legacy applications, build new applications and is a key component in big data platforms. Is Kubernetes new to your organization or do you already have a basic knowledge? During this program you will discover the advantages of running Kubernetes (on Azure).

The following outcomes are realized:

- Aligning business decision makers & enterprise architects
- Application portfolio with prioritization of innovation activities for 10 apps
- Kubernetes proof of value with demo application, simple customer application or advanced workload (SAP, Opentext,...)

Why Kubernetes on Azure?

- A solid foundation for many use cases such as legacy applications, cloud native apps or data workloads
- Platform service hides the complexity to manage the orchestrator
- Strong operational service offering

Azure Kubernetes for developers

- Extensive support with tools ("DevSpaces")
- Easy integration with serverless technologies
- Share CI/CD process in any hosting platform

Azure Kubernetes for IT Operations

- Maintain resource control
- Hybrid management capabilities
- Hides most of the complexity

Supercharge your digital transformation

Faster time to market

Support all developer tools & hosting options



Our major ecosystems Microsoft, Opentext & SAP bet on Kubernetes to run their application services on the edge, in private datacenter facilities or any public cloud. Therefore, Kubernetes has become a fundamental building block.



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Program Guide

Wk 1: Kick-off

- Explain program & planning
- Session: app innovation for BDMs
- Session: app innovation for EAs
- Define (10) applications & owners
- Webinar for applications owners with regards to interview & quick scan
- Welcome Application owners to CAST tool

Wk 2-3: Portfolio Categorization for max 10 apps

- Time for application owners to complete their tasks
- Gather & analyze results
- Priority list based on business importance vs. software health
- Discuss app innovation approaches
- Shortlist cloud native candidate applications
- Discuss future application requirements

Wk 4: Proof of Value

- Align on technical setup
- Choose workload: demo, simple own application or advanced demo workload (SAP, OpenText,...)
- Deploy fully automated AKS environment

Wk 5: Kubernetes Inside-Out

- Showcase best practice deployment: CAF compliance, AKS security best practices,...
- Discuss operations management
- Demo new speed of new releases
- Demo AKS (auto) scalability

Wk 6: Wrap up & Next steps

- Share deliverables (assessment report, best practice AKS architecture)
- Demo summary
- Discuss next steps

Internal Effort Required	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6
Per application owner	1h	2h				
Per session attendee			4h	2h	4h	4h