Digital Value Excellence

Starter Paket – Azure Kubernetes Workshop

The course teaches the principles of Kubernetes and specifically the use of Azure Kubernetes Service will be given hands-on experience in building Azure Kubernetes Services on Microsoft Azure Cloud platform.

Background

Kubernetes is a platform, for managing containerized applications in a clustered environment. This workshop teaches the principles of the technology and gives the participants hands-on experience in setup and maintaining Mirosoft Azure Kuberentes Service (AKS) in an application development environment.

Day 1

AM

- Introduction
- Dive-In Kubernetes Design and Micrososft AKS System Architecture Principles
- Preparation of demo environment on Microsoft Azure

PM

- First Steps on and with the Kubernet Command Line
- Creating and Configuring Applications with Pods and Containers

Day 2

AM

- Kubernetes in a Cluster

- Create, scale, and update applications in the Kubernetes Cluster with ReplicaSets and Deployments

PM

- Demonstration and setup of complex kubernetes cluster
- Review Microsoft AKS design principles
- Wrap-Up & Questions