

AKS - Azure Kubernetes Service

Course Outline

- Introduction
 - Quick introduction to Kubernetes
 - Quick introduction to Azure
 - Difference between vanilla Kubernetes and AKS
- Azure Container Registry
- AKS Setup & configuration
 - Sizing
 - Node Pools
 - Network
 - Autoscaling
- Storage in AKS
 - Block device based volumes
 - Filesystem based volumes
- Networking
 - Azure networking options
 - Azurenet
 - Azure Loadbalancers
 - Public IPs
 - Network policies
- SSO
 - Integration with AzureAD
- Serverless AKS (virtual nodes)
- Terraform
 - Setup AKS using Terraform
 - Integration with AKS workload
- Infracost
 - Introduction to Infracost
 - Infracost setup & configuration for AKS