

Day 1:

1. Options for Azure Kubernetes Services configuration
 - a. Azure CNI and kubernetes comparison
 - b. Private Cluster
 - c. Active Directory Integration
2. Creating and managing pods
 - a. Creating namespace
 - b. Running a simple pod
 - c. Resource limits for CPU and Memory
3. App Configuration
 - a. Creating ConfigMap
 - b. Secrets management with Azure KeyVault
 - c. Management of sensitive data

Day 2:

1. Services and ingress
 - a. Setup of ingress controller
 - b. Exposing pod to public with service
 - c. ClusterIP, NodePort and LoadBalancer
2. Application deployment
 - a. Creating deployment workload
 - b. Updating image
 - c. Setup of Azure DevOps pipeline
3. Mounting volumes
 - a. Persistent Volume and Persistent Volume Claim
 - b. Static and Dynamic provisioning
 - c. Storage classes for AKS