Azure Kubernetes Service (AKS) at Speed with Biqmind: 2-Day Workshop

Kubernetes has emerged as the leading container-orchestration platform for automating application deployment, scaling, and management. Enterprise users struggle with immature supporting tools, challenging security configuration, a steep learning curve and complicated infrastructure.

Azure Kubernetes Service (AKS) is a managed service offering on Azure by Microsoft. With AKS, you have a robust, hosted Kubernetes environment to easily deploy and manage your containerized applications without the need for deep container orchestration expertise.

This 2-day workshop will introduce how containers are deployed and managed on AKS and explore working on the platform. Participants of this workshop will gain theoretical knowledge and benefit from hands-on experience in Kubernetes design, deployment and management on Azure.

AGENDA

Day 1
- Introduction to Kubernetes and AKS
- Kubernetes high level architecture
- Configuration of sandbox environment on Microsoft Azure
- Overview of Kubernetes concepts
- Hands-on lab and exercises for creating Pod, Node, Deployment and Service

Day 2
- Concepts of environment variables, connectivity and storage on Kubernetes & AKS
- Hands-on lab and exercises on secrets, network policies and persistent volumes
- Concepts of stateful applications, logs, pod design in Kubernetes & AKS
- Hands-on lab and exercises on readiness and liveness probes, logging & monitoring, rolling updates & rollbacks in deployments

WHO SHOULD ATTEND

- Developers, Architects, DevOps teams
- Number of participants: Max 10
- Location: Customer premise or hosted

PREREQUISITES

- Basic knowledge of containers
- Knowledge of terminal clients and remote operations of Linux systems over SSH
- Access to a Microsoft Azure account
- Laptop for hands-on lab

USD$7,600

WHY WORK WITH BIQMIND

Biqmind provides specialist resources and software tools to help companies make the transformation to cloud-native possible. Our certified specialists have field experience across financial services, telecommunications among other industries. From evaluating workloads, developing a strategic plan, performing production deployments, to mentoring your teams, we build a sustainable roadmap and equip your team to use AKS for mission-critical enterprise applications.

For more information:

BIQMIND PTE LTD
The Strategy, 2 International Business Park Road, Tower 2, #02-27, Singapore 609930
T: +65 6661 9777 | **E**: transform@biqmind.com
www.biqmind.com