Accelerate Your Azure Red Hat OpenShift (ARO) Journey with Biqmind: 2-Day Workshop

Azure® Red Hat OpenShift (ARO) provides a flexible, self-service deployment of fully managed OpenShift clusters. ARO helps to maintain regulatory compliance whilst you focus on your application development, while your master, infrastructure, and application nodes are patched, updated, and monitored by both Microsoft and Red Hat.

ARO also helps to automate source code management, container and application builds, deployments, scaling, health management and more.

This 2-day workshop will explore working on Azure Red Hat OpenShift (ARO), introduce the concepts of deploying containers, creating projects, users, volumes, quotas and managing these on ARO.

Participants of this workshop will gain theoretical knowledge and benefit from hands-on experience of the important OpenShift components, design and deployment concepts and architecting and managing these on ARO.

AGENDA

Day 1
- Introduction to OpenShift and ARO
- High level architecture of OpenShift
- Configuration of sandbox environment on Microsoft Azure
- Overview of OpenShift concepts
- Hands-on labs and exercises on projects, users, builds, deployments using source to image (S2I), docker file and docker images

Day 2
- Concepts of resource allocation, connectivity and storage on ARO
- Hands-on lab and exercises on quotas, network, services, routes and persistent storage
- Concepts of logs, scaling, metrics, monitoring
- Hands-on lab and exercises on monitoring, auto-scaling, draining a node and health checks

WHO SHOULD ATTEND

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

PREREQUISITES

- Basic knowledge of Git and understanding of containers and container registries such as Docker and Docker hub respectively are beneficial (not part of the workshop)
- Knowledge of terminal clients and remote operations of Linux systems over SSH
- Access to Microsoft Azure account
- Laptop for hands-on lab

WHY WORK WITH BIQMIND

Biqmind provides specialist services and software tools to accelerate cloud native software development through technologies including Biqmind CAPE, Kubernetes, and leading container platforms such as Red Hat OpenShift and Azure Kubernetes Service. We are a Microsoft Gold Partner, Red Hat APAC Business Partner for Professional Services and Cloud Native Computing Foundation (CNCF) Silver Member. We are also one of the first partners to be invited to participate in the Microsoft Cloud Native Acceleration Program.

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