

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

OpenShift® is the next generation Application Hosting platform by Red Hat®. It is a leading hybrid cloud, enterprise Kubernetes application platform. OpenShift enables efficient container-orchestration, allowing rapid container provisioning, deploying, scaling, and management. By streamlining and automating the container automation process, OpenShift enables developers to focus on accelerating application development, updates, and product distribution.

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

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 OpenShift specialists have field experience in designing large-scale migration and deployment projects across financial services, telecommunications among other industries. From evaluating existing workloads, developing a strategic plan, performing production deployments, to mentoring your resources, we build a sustainable roadmap and equip your team to use ARO for mission-critical enterprise applications.

For more information:



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