

Kubernetes : Technical Briefing 1 Day

WorkshopPLUS

Duration: 1 day | **Focus Area:** Upgrade, Migration and Deployment | **Level:** 300

Kubernetes: Technical Briefing is a one-day immersive course with blend of instructor led training sessions followed by hands-on labs.

This workshop takes the hands-on approach to cover designing, developing and deploying container-based applications using Kubernetes .The workshop

focuses on Azure Kubernetes Service (AKS) and how it enables you to leverage production ready Kubernetes cluster. It also covers Kubernetes development eco-system including Helm and Azure Dev Spaces.

OUTCOMES



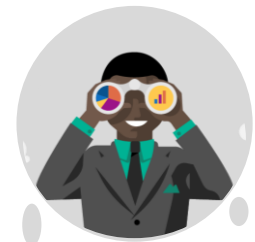
Foundation

Learn Kubernetes core concepts and build solid foundation of the platform.



Skills

Build a solid architectural and design mind-set through in-depth classroom education and discussion



Way Forward

Take your team to the next level with developing, testing and deploying containerized applications.

CAPABILITES

This workshop will help you meet today's and tomorrow's challenges of running enterprise ready containerized applications using Kubernetes. Understand Kubernetes development workflow by leveraging various open source tools.

Lastly you will learn about monitoring and troubleshooting containers running within Kubernetes Cluster.

01 Empower developers

Take your team to the next level by leveraging Kubernetes to run containerized solutions.

02 Azure

Implement Azure Kubernetes Service (AKS) and learn the value of using Azure as part of your containerized solutions

03 Education & Readiness

Drive readiness for your developers through education services and ensure that your solution uses recommended practices to take advantage of the power of Azure.

◆ AGENDA ◆

Duration: 1 day

Start

Day one (1st half)
Educate

Day one (2nd half)
Hands on labs

Closing

**Kubernetes
Introduction**

- Kubernetes Core Concepts and Fundamentals
- Development Toolset

**Kubernetes
in Azure**

- Azure cloud platform support for Kubernetes
- Orchestrating containerized workloads in the cloud

**Kubernetes
Development**

- Patterns, principles and best practices for developing in AKS

◆ AUDIENCE ◆

Developers

Technical Architects

Enterprise Architects

NEXT STEPS: If you are interested in this title for your organization, contact your Microsoft Account Representative.