Training: Microsoft

AZ-2003: Deploy cloud-native apps using Azure Container Apps

Microsoft Partner

TRAINING GOALS:

Develop the skills necessary to configure a secure deployment solution for cloud-native apps. Learn how to build, deploy, scale, and manage containerized cloud-native apps using Azure Container Apps, Azure Container Registry, and Azure Pipelines.

Audience Profile:
This course is designed for DevOps engineers and developers interested in deploying cloud-native applications using Azure Container Apps.

Skills earned upon completion:
- Deploy cloud-native apps using Azure Container Apps

CONSPECT:

- Deploy cloud-native apps using Azure Container Apps
  - Module 1: Get started with cloud native apps and containerized deployments
  - Module 2: Configure Azure Container Registry for container app deployments
  - Module 3: Configure a container app in Azure Container Apps
  - Module 4: Configure continuous deployment for container apps
  - Module 5: Scale and manage deployed container apps
  - Module 6: Guided project - Deploy and manage a container app using Azure Container Apps

REQUIREMENTS:

- Basic understanding of cloud computing concepts (virtualization, scalability, on-demand provisioning)
- Knowledge of containers and how they differ from traditional apps and VMs
- Basic understanding of container orchestration (Kubernetes)
- Familiarity with Microsoft Azure and core container services (ACR, AKS, ACA)

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70

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- Experience with Azure DevOps or similar CI/CD tools
- Familiarity with networking concepts and Azure Virtual Networks

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course is not directly mapped to a Microsoft certification exam.

TRAINER:

Microsoft Certified Trainer (MCT)

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