AZ-204 Developing Solutions for Microsoft Azure, Part 3 of 9: AZ-204 IaaS Solutions

Meet the expert: Maruti is a Microsoft Certified Corporate Trainer with over 19,000 hours of experience corporate training for companies such as: Deloitte, Morgan Stanley, LTI Infotech, Unisys, Shell, Accenture and many more. He focuses on practical implementation and hands-on practice as the best way to understand technical training.

Prerequisites: 1-2 years professional development experience and experience with Microsoft Azure. In addition, the role should have ability programming in a language supported by Azure and proficiency in Azure SDKs, Azure PowerShell, Azure CLI, data storage options, data connections, APIs, app authentication and authorization, compute and container deployment, debugging, performance tuning, and monitoring.

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Course description: Azure Developers partner with cloud solution architects, cloud DBAs, cloud administrators, and clients to implement solutions. This course covers: Provisioning VM's, Azure Resource Management and Containers.

Course outline:

Provisioning VMs in Azure
- Introduction
- Provisioning VMs in Azure
- Azure VM Configuration Options
- High Availability and Disaster Recovery
- Availability Sets with Fault Domain
- Demo: Create Azure VM
- Summary

Azure Resource Manager Templates
- Introduction
- Create and Deploy Azure Resource Manager Templates
- ARM Template Deployment
- Nested ARM Template Structure
- Demo: Create Arm Template
- Summary

Create Container Images for Solutions
- Introduction
- Create Container images for solutions
- Container Images
- Docker Terminology
- Demo: Create Docker Image Locally
- Summary

Publish Container Image to Container Regist
- Introduction
- Publish a container image to Azure Container Regi
- Registry SKUs
- Demo: Deploying Docker Image to ACR
- Summary

Container Images in Azure Container Instance
- Introduction
- Create Container images in Azure Container Instan
- Demo: Docker Partnerships
- Demo: Deployihng Container
- Summary