AZ-204 Developing Solutions for Microsoft Azure, Part 4 of 9: Authentication and Cloud

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: Identity Platform, Authentication Library, Keys and Secrets and Identities for Resources.

Course outline:

Microsoft Identity Platform
- Introduction
- Identity as a Control Plane
- Create Authentication Context
- Microsoft Identity Platform
- Objects in Azure AD
- Common Authentication Flows
- Demo: Register an App with Microsoft Identity Pla
- Summary

Microsoft Authentication Library
- Introduction
- Microsoft Authentication Libary
- Acquiring a Token Silently
- Graph Authentication DSK
- Demo: Interactive Authentication
- Summary

Authorizing Data Operations in Azure Storage
- Introduction
- Container Permissions
- CORS Support for Azure Storage Services
- Authorization
- Shared Access Signatures
- Demo: Handling Access Security in AZ Storage
- Summary

Manage Keys and Secrets Using Key Vault
- Introduction
- Azure Key Vault
- Key Vault Concepts
- Key Vault Authentication
- Secret Types
- Demo: Creating Key Vault using Azure Portal
- Summary

Managed Identities for Azure Resources
- Introduction
- Azure Managed Identity
- Managed Identities Implementation
- System Assigned Managed Identity
- Types of Managed Identities
- Identities Demo
- Summary