M55622A : Azure Administration for AWS Sysops

Course Outline

Module 1 – Azure Administration

- In this module, you'll learn about the tools and principle concepts needed to administer Azure. Topics include: Resource Manager, Resource Groups, Azure Portal, Azure CLI, Azure Templates, Cloud Shell, Azure Marketplace, and Azure PowerShell.

Module 2 – Azure Identity (Entra ID)

- In this module, you'll learn about Azure identity solutions. Topics include: Azure Domains, Role-based Access Control, Microsoft Entra ID, Multi-Factor Authentication, Entra Identity Protection, and Azure Policy.

Module 3 – Azure Networking

- In this module, you'll learn about Azure networking features. Topics include: Azure Regions, Virtual Networks and Subnets, IP Addressing, Network Security Groups, Virtual Network Peering, VNet-to-VNet Connections, ExpressRoute, Load Balancers, and Network Watcher.

Module 4 – Azure Compute

- In this module, you'll learn about configuring and monitoring Azure virtual machines. Topics include: Azure Virtual Machines, Creating Virtual Machines, Virtual Machine Sizes, Virtual Machine Disks, Availability Zones, Availability Sets, Windows VM Connections, Linux VM Connections, Azure Monitor, and Azure Alerts.

Module 5 – Azure Storage

- In this module, you'll learn about Azure storage features and implementation. Topics include: Storage Accounts, Blob Storage, Blob Performance Tiers, File Shares, File Sync, Data Box, Content Delivery Network, Shared Access Signatures, and Service Endpoints.