



course : Microsoft Azure Security Certification Training

City : Kuala Lumpur
Start Date : 2025-11-24
Period : 1 Week

Hotel : Kuala Lumpur
End Date : 2025-11-28
Price : 3950 \$

HighPoint Training and Management Consultancy
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Course Overview

Cloud security is a critical aspect of modern IT infrastructures, and Microsoft Azure is one of the leading cloud platforms globally. Organizations leveraging Azure need skilled professionals who can design, implement, and manage robust security solutions.

This Microsoft Azure Security Certification Training course provides participants with a comprehensive understanding of Azure security features, cloud governance, compliance frameworks, identity management, threat protection, and practical strategies to secure Azure environments. Participants will gain hands-on experience with real-world scenarios and Azure security tools, preparing them for certification and practical application in enterprise environments.

Course Objectives

By the end of this training course, participants will be able to:

- Understand Azure cloud architecture and security concepts
- Implement identity and access management using Azure Active Directory
- Configure network security and secure connectivity in Azure
- Apply data protection and encryption strategies for Azure workloads
- Monitor, detect, and respond to threats using Azure security tools
- Understand Azure governance, compliance, and risk management
- Prepare effectively for Microsoft Azure Security Certification

Target Audience

This course is suitable for IT professionals involved in cloud operations, security, and governance, including:

- Cloud architects and engineers
- Security administrators and analysts
- Network and system administrators
- IT managers responsible for cloud security
- Compliance and risk management professionals
- Professionals preparing for Azure Security certification

Methodology

The course uses a blended learning approach including:

- Instructor-led lectures with demonstrations
- Hands-on lab exercises on Azure portal and security configurations
- Scenario-based discussions for real-world cloud security challenges
- Case studies highlighting security breaches and mitigations
- Group exercises and knowledge checks to reinforce learning

Course Outline

Day 1 – Azure Security Fundamentals

- Introduction to Azure cloud services and security principles
- Azure security architecture and key components
- Security controls: preventive, detective, and corrective
- Overview of Microsoft security compliance frameworks

Day 2 – Identity and Access Management

- Azure Active Directory fundamentals
- Role-Based Access Control (RBAC) and Privileged Identity Management
- Multi-factor authentication and conditional access policies
- Hands-on lab: configuring identities and access policies

Day 3 – Network and Threat Protection

- Azure network security: NSGs, ASGs, and firewalls
- Secure connectivity: VPNs, ExpressRoute, and VNet configurations
- Threat detection with Azure Security Center and Microsoft Sentinel
- Hands-on lab: monitoring and responding to security alerts

Day 4 – Data Protection and Compliance

- Encryption at rest and in transit: Azure Key Vault and Storage encryption
- Data loss prevention (DLP) strategies
- Azure governance: policies, blueprints, and compliance score
- Hands-on lab: implementing compliance and data protection controls

Day 5 – Security Operations and Certification Preparation

- Incident response in Azure cloud environments
- Advanced threat protection and logging best practices
- Security monitoring, auditing, and reporting
- Practice assessment for Microsoft Azure Security Certification

Final Q&A and course review

Certificates

On successful completion of this training course, HighPoint Certificate will be awarded to the delegates. Continuing Professional Education credits (CPE): In accordance with the standards of the National Registry of CPE Sponsors, one CPE credit is granted per 50 minutes of attendance.