Customised IT and Soft Skills training to suit your needs

AZ-500 - Microsoft Azure Security Technologies

Course objectives

Module 1: Manage Identity and Access

Module 2: Implement Platform Protection

Module 3: Secure Data and Applications

Module 4: Manage Security Operations

Audience

This course is for Azure Security Engineers who are planning to take the associated certification exam, or who are performing security tasks in their day-to-day job. This course would also be helpful to an engineer that wants to specialize in providing security for Azure-based digital platforms and play an integral role in protecting an organization's data.

Prerequisite

To get the most out of this course students should:

Understand security best practices and industry security requirements such as defense in depth, least privileged access, role-based access control, multi-factor authentication, shared responsibility, and zero trust model.

Be familiar with security protocols such as Virtual Private Networks (VPN), Internet Security Protocol (IPSec), Secure Socket Layer (SSL), disk and data encryption methods.

Have some experience deploying Azure workloads. This course does not cover the basics of Azure administration, instead the course content builds on that knowledge by adding security specific information.

Have experience with Windows and Linux operating systems and scripting languages. Course labs may use PowerShell and the CLI.

Customised IT and Soft Skills training to suit your needs

Duration

This is **a four days AZ-500 - Microsoft Azure Security Technologies** Course. The course starts at **09:30** and runs until **16:30**.

Alternate timings can be arranged upon request. The course can be held on a **date that suits you.**

Location

Our **AZ-500 - Microsoft Azure Security Technologies** course can be run at **our training venue** near **Liverpool Street (London)** or any preferred location in the **UK or Europe**. The training can also be **delivered Online Remotely using online training platforms**.

Customised IT and Soft Skills training to suit your needs

AZ-500 - Microsoft Azure Security Technologies Course Outline

Module 1: Manage Identity and Access

Azure Active Directory

Azure Identity Protection

Enterprise Governance

Azure AD Privileged Identity Management

Hybrid Identity

Lab : Role-Based Access Control

Lab : Azure Policy

Lab : Resource Manager Locks

Lab : MFA, Conditional Access and AAD Identity Protection

Lab : Azure AD Privileged Identity Management

Lab : Implement Directory Synchronization

Module 2: Implement Platform Protection

Perimeter Security

Network Security

Host Security

Container Security

Lab : Network Security Groups and Application Security Groups

Lab : Azure Firewall

Lab : Configuring and Securing ACR and AKS

Module 3: Secure Data and Applications

Azure Key Vault

Application Security

Storage Security

SQL Database Security

Lab : Key Vault (Implementing Secure Data by setting up Always Encrypted)

Lab : Securing Azure SQL Database

Lab : Service Endpoints and Securing Storage

Module 4: Manage Security Operations

Azure Monitor

Azure Security Center

Azure Sentinel

Lab : Azure Monitor

Lab : Azure Security Center

Lab : Azure Sentinel

Learning &
Performance Institute
Accredited Learning Provider
Gold Standard