AZ-500: Microsoft Azure Security Technologies

Overview

In this course students will gain the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, virtualization, and cloud N-tier architecture.

Course Objectives

After completing this course, students will be able to:

- Describe specialized data classifications on Azure
- Identify Azure data protection mechanisms
- Implement Azure data encryption methods
- Secure Internet protocols and how to implement them on Azure
- Describe Azure security services and features

Duration

4 Days

Prerequisites

Before attending this course, students must have knowledge of:

- Microsoft Azure Administrator Associate

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Course Topics

Module 1	**Identity and Access** • Configure Azure Active Directory for Azure workloads and subscriptions • Configure Azure AD Privileged Identity Management • Configure security for an Azure subscription
Module 2	**Platform Protection** • Understand cloud security • Build a network • Secure network • Implement host security • Implement platform security • Implement subscription security
Module 3	**Security Operations** • Configure security services • Configure security policies by using Azure Security Center • Manage security alerts • Respond to and remediate security issues • Create security baselines
Module 4	**Data and Applications** • Configure security policies to manage data • Configure security for data infrastructure • Configure encryption for data at rest • Understand application security • Implement security for application lifecycle