Microsoft Azure - zabezpečení

Kód kurzu: MOC AZ-500

Čtyřdenní kurz připravuje k certifikaci AZ-500 a seznamuje studenty s bezpečnostními technologiemi určenými pro ochranu Azure cloudových i onprem systémů. Kurz je složen z obsahu kurzu AZ-500T00. Kurz je vhodný jako příprava k získání titulu Microsoft Azure - Associate: Azure Security Technologies.

At course completion students will be able

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

Prerequisities

Knowledge in extent of the courses which are listed in the bellow sections Previous Courses and Related Courses

Good understanding of TCP/IP and DNS technologies

Teaching methods

Instructor-led classroom training with self-paced practical exercises in computer-based virtual environment on Hyper-V platform

Self-paced excercises usually take at least one third of the time spent on the course

Student materials

Electronical version of Microsoft Learning (MSL) official student training kit in English (Digital MOC)

The student kit contains an electronical version of a book with reprint of the presentations used during the course as well as detailed procedures for practical exercises. Excercises usually take at least one third of the time spent on the course

The student kit also represents a valid license to attend the course. Every student is officially required to have the student kit available for his own use during the course. If the student already owns student kit from a previous training, it is not necessarily required to pay for it again

Course outline

Configure Azure Active Directory for Azure workloads and subscriptions

Configure Azure AD Privileged Identity Management

Configure security for an Azure subscription

Understand cloud security

Build a network

Secure network

Implement host security

Implement platform security

Implement subscription security

Configure security services

Configure security policies by using Azure Security Center

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Manage security alerts

Respond to and remediate security issues

Create security baselines

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

Secure applications

Configure and manage Azure Key Vault

Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary praparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphassis as may be required to completelly pass the exam

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