Microsoft Azure Security Technologies

Varighed: 4 Days Kursus Kode: M-AZ500

Beskrivelse:

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.

Målgruppe:

This course is suitable for all professionals working in an Azure environment, Administrators, Developers and Architects.

Agenda:

- 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

Forudsætninger:

Students should have at least one year of hands-on experience securing Azure workloads and experience with security controls for workloads on Azure.

- Microsoft Azure Administrator Associate

Test og certificering

Indhold:

Module 1: Identity and Access

Lessons

- 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
- 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

Module 2: Platform Protection

Lessons

- 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
- 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

Module 3: Security Operations

Lessons

- 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
- 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

Module 4: Data and applications

Lessons

- 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
- 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

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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