Training: Microsoft
MS-55606 Microsoft 365 Security Administration

Gold Microsoft Partner

TRAINING GOALS:

In this course you will learn how to secure user access to your organization's Microsoft 365 resources using the security & compliance features of Microsoft Entra ID, Microsoft Defender and Microsoft Purview as they pertain to Microsoft 365. This includes user password protection, multi-factor authentication, Identity Protection, Microsoft Entra Connect, and conditional access in Microsoft 365. You will also learn about threat protection technologies that help protect your Microsoft 365 environment. Specifically, you will learn about threat vectors and Microsoft's security solutions to mitigate threats. You will learn about Secure Score, Exchange Online protection, Microsoft 365 Defender, and threat management. In the course you will learn about information protection technologies from Microsoft Purview. The course discusses information rights managed content, message encryption, as well as labels, policies and rules that support data loss prevention and information protection. Lastly, you will learn about archiving and retention in Microsoft 365 as well as data governance and how to conduct content searches and investigations. This course covers data retention policies and tags, in-place records management for SharePoint, email retention, and how to conduct content searches that support eDiscovery investigations.

This course is an alternative to the SC-200 and SC-400 courses and at appropriate level for Microsoft 365 administrators. This course sits at level 200 to 300, the Security Administrator course covers the full range of security, compliance, privacy and trust features. Microsoft 365 Administrators will find this course aligned to their day to day requirements. Specialist security and compliance administrators should continue to target SC-200 and SC-400 courses.

CONSPECT:

- User and Group Management
  - Identity and Access Management concepts
  - Plan your identity and authentication solution
  - User accounts and roles
  - Password Management
  - Exercises: Initialize your tenant - users and groups
- Identity Synchronization and Protection
  - Plan directory synchronization
  - Configure and manage synchronized identities

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- Entra ID Identity Protection
- Exercises: Implement Identity Synchronization

- Identity and Access Management
  - Application Management
  - Identity Governance
  - Manage device access
  - Role Based Access Control (RBAC)
  - Solutions for external access
  - Privileged Identity Management
  - Exercises: Use Conditional Access to enable MFA
  - Exercises: Configure Privileged Identity Management
- Security in Microsoft 365
  - Zero Trust
  - Threat vectors and data breaches
  - Security strategy and principles
  - Microsoft security solutions
  - Secure Score
  - Exercises: Use Microsoft Secure Score
- Threat Protection
  - Threat protection in Microsoft 365
  - Threat protection in Microsoft Defender for Office 365
  - Threat protection in Microsoft Defender for Identity
  - Threat protection in Microsoft Defender for Endpoint
  - Exercises: Enable threat protection
- Information Management
  - Information management concepts
  - Information management in Microsoft 365
  - Information management in Microsoft 365 Compliance Center
  - Information management in Microsoft 365 Security Center
  - Exercises: Implement information management
- Compliance Management
  - Compliance management concepts
  - Compliance management in Microsoft 365
  - Compliance management in Microsoft 365 Compliance Center
  - Compliance management in Microsoft 365 Security Center
  - Exercises: Implement compliance management

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- Archiving and Retention
  - Archiving and retention concepts
  - Archiving and retention in Microsoft 365
  - Archiving and retention in Microsoft 365 Compliance Center
  - Archiving and retention in Microsoft 365 Security Center
  - Exercises: Implement archiving and retention
- Discovery and Response
  - Discovery and response concepts
  - Discovery and response in Microsoft 365
  - Discovery and response in Microsoft 365 Compliance Center
  - Discovery and response in Microsoft 365 Security Center
  - Exercises: Implement discovery and response
- Device Management
  - Device management concepts
  - Device management in Microsoft 365
  - Device management in Microsoft Endpoint Manager
  - Device management in Microsoft 365 Security Center
  - Exercises: Implement device management
- Application Management
  - Application management concepts
  - Application management in Microsoft 365
  - Application management in Microsoft Endpoint Manager
  - Application management in Microsoft 365 Security Center
  - Exercises: Implement application management
- Update Management
  - Update management concepts
  - Update management in Microsoft 365
  - Update management in Microsoft Endpoint Manager
  - Update management in Microsoft 365 Security Center
  - Exercises: Implement update management
- Monitoring and Reporting
  - Monitoring and reporting concepts
  - Monitoring and reporting in Microsoft 365
  - Monitoring and reporting in Microsoft 365 Compliance Center
  - Monitoring and reporting in Microsoft 365 Security Center
  - Exercises: Implement monitoring and reporting

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REQUIREMENTS:

- Learners should start this course already having the following skills:
- Basic conceptual understanding of Microsoft Azure.
- Experience with Windows 10 devices.
- Experience with Office 365.
- Basic understanding of authorization and authentication.
- Basic understanding of computer networks.
- Working knowledge of managing mobile devices.

Difficulty level

CERTIFICATE:

Certificate of completing an authorized Microsoft training.

TRAINER:

Microsoft Certified Trainer.

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