Magna Skills
Development Institute

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MS-500T00 - Microsoft 365 Security Administration Course Details

Department: ICT and Security Management

Presented by Magna Skills Development Institute

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Training Coordinator: Denis Wunganayi

Course Summary

In this course you will learn how to secure user access to your organization's resources. The course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to setup and use Azure AD Connect, and introduces you to conditional access in Microsoft 365. You will 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, Azure Advanced Threat Protection, Windows Defender Advanced Threat Protection, and threat management. In the course you will learn about information protection technologies that help secure your Microsoft 365 environment.

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.

Course Objectives

- Explain and manage Azure Identity Protection.
- Plan and implement Azure AD Connect.
- Manage synchronized user identities.
- Explain and use conditional access.
- Describe cyber-attack threat vectors.
- Explain security solutions for Microsoft 365.
- Use Microsoft Secure Score to evaluate and improve your security posture.
- Configure various advanced threat protection services for Microsoft 365.
- Plan for and deploy secure mobile devices.
- Implement information rights management.
- Secure messages in Office 365.
- Configure Data Loss Prevention policies.
- Deploy and manage Cloud App Security.
- Implement Windows information protection for devices.
- Plan and deploy a data archiving and retention system.
- Create and manage an eDiscovery investigation.

- Manage GDPR data subject requests.
- Explain and use sensitivity labels.

Course Outline

1 - USER AND GROUP MANAGEMENT

- Identity and Access Management concepts
- The Zero Trust model
- Plan your identity and authentication solution
- User accounts and roles
- Password Management

2 - IDENTITY SYNCHRONIZATION AND PROTECTION

- Plan directory synchronization
- Configure and manage synchronized identities
- Azure AD Identity Protection

3 - IDENTITY AND ACCESS MANAGEMENT

- Application Management
- Identity Governance
- Manage device access
- Role Based Access Control (RBAC)
- Solutions for external access
- Privileged Identity Management

4 - SECURITY IN MICROSOFT 365

- Threat vectors and data breaches
- Security strategy and principles
- Microsoft security solutions

- Secure Score

5 - THREAT PROTECTION

- Exchange Online Protection (EOP)
- Microsoft Defender for Office 365
- Manage Safe Attachments
- Manage Safe Links
- Microsoft Defender for Identity

6 - THREAT MANAGEMENT

- Security dashboard
- Threat investigation and response
- Azure Sentinel
- Advanced Threat Analytics

7 - MICROSOFT CLOUD APPLICATION SECURITY

- Deploy Cloud Application Security
- Use cloud application security information

8 - MOBILITY

- Mobile Application Management (MAM)
- Mobile Device Management (MDM)
- Deploy mobile device services
- Enroll devices to Mobile Device Management

9 - INFORMATION PROTECTION AND GOVERNANCE

- Information protection concepts
- Governance and Records Management

- Sensitivity labels
- Archiving in Microsoft 365
- Retention in Microsoft 365
- Retention policies in the Microsoft 365 Compliance Center
- Archiving and retention in Exchange
- In-place records management in SharePoint

10 - RIGHTS MANAGEMENT AND ENCRYPTION

- Information Rights Management (IRM)
- Secure Multipurpose Internet Mail Extension (S-MIME)
- Office 365 Message Encryption

11 - DATA LOSS PREVENTION

- Data loss prevention fundamentals
- Create a DLP policy
- Customize a DLP policy
- Create a DLP policy to protect documents
- Policy tips

12 - COMPLIANCE MANAGEMENT

- Compliance center

13 - INSIDER RISK MANAGEMENT

- Insider Risk
- Privileged Access
- Information barriers
- Building ethical walls in Exchange Online

- Content Search
- Audit Log Investigations
- Advanced eDiscovery

Company Overview

Who We Are: Magna Skills is a premier training and capacity-building organization specializing in professional development for government institutions, NGOs, and the private sector.

Our Mission: To provide world-class training solutions that equip professionals with the expertise needed to excel in their careers and contribute meaningfully to their organizations.

Our Vision: To be the leading provider of professional training and development across Africa, fostering excellence, innovation, and capacity-building in public and private sectors.

Core Values

- **Excellence** – Delivering high-quality training tailored to meet the evolving needs of professionals.
- **Integrity** – Upholding the highest ethical standards in all our engagements.
- **Innovation** – Embracing new technologies and methodologies to enhance learning experiences.
- **Customer-Centric Approach** – Ensuring client satisfaction by providing relevant, practical, and impactful training.
- **Collaboration** – Partnering with industry experts and institutions to provide the best learning opportunities.

Our Training Methodology

We use a blended learning approach that includes instructor-led training, case studies, workshops, and post-training support.

Why Choose Magna Skills?

- Experienced Trainers
- Customized Training Solutions
- Interactive Learning
- Global Recognition
- Proven Track Record

Request for Training Form

Complete the form and share with Magna Skills Support Team on email info@magnaskills.com or Send Whatsapp on: +27630079022

Approval & Authorization	
Applicant Details	**Course Details**
First Name:	Course Name:
Last Name:	Training Venue:
Mobile:	Month:
Email:	Training Method: Onine[_____] Face to Face [____]
Company Name:	Duration:
Country:	Number of Staff Members:

By signing this agreement, both parties confirm their commitment to the terms outlined in this proposal.