

AZ-500 Microsoft Azure Security Technologies

1. Identity and Access Management (IAM)

- 1.1 Implement Azure Active Directory (Azure AD) for identity and access management.
- 1.2 Configure and manage Azure AD identities, including users, groups, and multi-factor authentication (MFA).
- 1.3 Implement and manage Azure AD Privileged Identity Management (PIM).
- 1.4 Configure Azure AD application registrations and permissions

2. Platform Protection:

- 2.1 Implement and manage Azure Resource Manager (ARM) templates.
- 2.2 Implement and manage Azure Key Vault for securing keys, secrets, and certificates.
- 2.3 Implement Just-In-Time (JIT) VM access and Network Security Groups (NSGs) for network security.

2.4 Configure Azure Bastion for secure remote access to virtual machines.

3. Network Security:

3.1 Implement Azure Firewall for network security and protection.

3.2 Configure and manage Azure DDoS Protection.

3.3 Implement and configure Azure Application Gateway and Web Application Firewall (WAF).

3.4 Implement Azure VPN Gateway and ExpressRoute for secure network connectivity.

4. Security Operations:

4.1 Monitor and configure Azure Security Center for threat detection and response.

4.2 Implement and manage Azure Monitor and Azure Log Analytics for logging and monitoring.

4.3 Create and customize alerts and actions.

4.4 Implement and manage Azure Sentinel for security incident management and response.

5. Data and Application Security:

5.1 Implement and configure Azure SQL Database security features.

5.2 Configure Azure Disk Encryption for virtual machines.

5.3 Implement Azure Storage encryption and data classification.

5.4 Implement Azure Information Protection for data protection and classification.

6. Identity and Access Management for Applications:

6.1 Implement authentication and authorization for applications using Azure AD.

6.2 Configure OAuth and OpenID Connect. - Implement Azure AD B2B and B2C.

7. Compliance and Governance:

7.1 Implement and manage Azure Policy and Blueprints.

7.2 Monitor compliance using Azure Policy and Blueprints.

7.3 Implement data retention, data loss prevention, and data governance

THANK YOU



+91 8618501719



www.virajetech.com



info@virajetech.com