

MZ Azure Cloud AZ 104

Month 1: Azure Fundamentals and Core Services

Week 1-2: Introduction to Azure and Cloud Fundamentals

- Overview of Microsoft Azure and cloud computing principles.
- Understanding Azure regions, availability zones, and resource groups.

Week 3-4: Azure Virtual Machines and Networking

- Creating and managing Azure Virtual Machines (VMs).
- Azure networking fundamentals, Virtual Networks (VNETs), and subnets.

Week 5-6: Azure Storage Solutions and Identity Management

- Azure Storage services (Blob, Table, Queue, and File storage).
- Azure Active Directory (Azure AD) basics, users, and groups.

Month 2: Advanced Services and Administration Tasks

Week 1-2: Azure Advanced Networking and Security

- Azure Load Balancer, Application Gateway, and Traffic Manager.
- Network Security Groups (NSGs) and Azure Firewall.
- Azure Security Center and Azure Policy.

Week 3-4: Azure Identity and Governance

- Azure AD Identity Protection and Multi-Factor Authentication (MFA).
- Role-Based Access Control (RBAC) and custom roles.
- Azure Policy for resource compliance.

Week 5-6: Azure Monitoring, Backup, and Exam Preparation

- Azure Monitor, Log Analytics, and Application Insights.
- Azure Backup and Azure Site Recovery.
- Review key topics and exam preparation strategies.