

MOC20413

Designing and Implementing a Server Infrastructure

MODULE 1: PLANNING SERVER UPGRADE AND MIGRATION

- ✓ Upgrade and Migration Considerations
- ✓ Creating a Server Upgrade and Migration Plan
- ✓ Planning for Virtualization

MODULE 2: PLANNING AND IMPLEMENTING A SERVER DEPLOYMENT INFRASTRUCTURE

- ✓ Selecting an Appropriate Server Imaging Strategy
- ✓ Selecting a Deployment Automation Strategy
- ✓ Implementing an Automated Deployment Strategy

MODULE 3: DESIGNING AND MAINTAINING AN IP CONFIGURATION AND ADDRESS MANAGEMENT SOLUTION

- ✓ Designing and Implementing DHCP
- ✓ Planning and Implementing DHCP Scopes
- ✓ Planning and Implementing an IPAM Provisioning Strategy

MODULE 4: DESIGNING AND IMPLEMENTING NAME RESOLUTION

- ✓ Designing a DNS Server Implementation Strategy
- ✓ Designing the DNS Namespace
- ✓ Designing and Implementing DNS Zones
- ✓ Designing and Configuring DNS Zone Replication and Delegation
- ✓ Optimizing DNS Servers
- ✓ Designing DNS for High Availability and Security

MODULE 5: DESIGNING AND IMPLEMENTING AN ACTIVE DIRECTORY DOMAIN SERVICES FOREST AND DOMAIN INFRASTRUCTURE

- ✓ Designing an AD DS Forest
- ✓ Designing and Implementing AD DS Forest Trusts
- ✓ Designing and Implementing AD DS Domains
- ✓ Designing DNS Namespaces in AD DS Environments
- ✓ Designing AD DS Domain Trusts

MODULE 6: DESIGNING AND IMPLEMENTING AN OU INFRASTRUCTURE AND AD DS PERMISSIONS MODEL

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- ✓ Planning the AD DS Administrative Tasks Delegation Model
- ✓ Designing the OU Structure
- ✓ Designing and Implementing an AD DS Group Strategy

MODULE 7: DESIGNING AND IMPLEMENTING A GROUP POLICY OBJECT STRATEGY

- ✓ Gathering the Information Required for a GPO Design
- ✓ Designing and Implementing GPOs
- ✓ Designing GPO Processing
- ✓ Planning Group Policy Management

MODULE 8: DESIGNING AND IMPLEMENTING AN AD DS PHYSICAL TOPOLOGY

- ✓ Designing and Implementing AD DS Sites
- ✓ Designing AD DS Replication
- ✓ Designing the Placement of Domain Controllers
- ✓ Virtualization Considerations for Domain Controllers
- ✓ Designing Highly-Available Domain Controllers

MODULE 9: PLANNING AND IMPLEMENTING STORAGE

- ✓ Storage Considerations
- ✓ Planning and Implementing iSCSI SANs

MODULE 10: PLANNING AND IMPLEMENTING FILE SERVICES

- ✓ Planning and Implementing a Distributed File System
- ✓ Planning and Implementing BranchCache
- ✓ Planning and Implementing Dynamic Access Control

MODULE 11: DESIGNING AND IMPLEMENTING NETWORK ACCESS SERVICES

- ✓ Designing and Implementing Remote Access Services
- ✓ Designing RADIUS Authentication by Using a Network Policy Server
- ✓ Designing a Perimeter Network

- ✓ Planning and Implementing DirectAccess

MODULE 12: DESIGNING AND IMPLEMENTING NETWORK PROTECTION

- ✓ Overview of Network Security Design
- ✓ Identifying and Mitigating Common Network Security Threats
- ✓ Designing and Implementing a Windows Firewall Strategy
- ✓ Designing and Implementing a Network Access Protection Infrastructure

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Sono previste esercitazioni pratiche su tutti gli argomenti trattati.

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