Windows Server 2022 Administration

Duration: 2 Months (25 hrs.)

Module 1: Overview of Windows Server

- Overview of Windows Server administration principles and tools
- Introducing Windows Server 2022
- Overview of Windows Server Core

Module 2: Identity Services in Windows Server

- Overview of AD DS
- Deploying Windows Server domain controllers
- Overview of Azure AD
- Implementing Group Policy
- Overview of AD CS

Module 3: Network Infrastructure Services in Windows Server

- Deploying and managing DHCP
- Deploying and managing DNS services
- Deploying and managing IPAM

Module 4: File servers and storage management in Windows Server

- Volumes and file systems in Windows Server
- Implementing sharing in Windows Server
- Implementing Storage Spaces in Windows Server
- Implementing Data Deduplication
- Implementing iSCSI
- Deploying DFS

Module 5: Hyper-V virtualization and containers in Windows Server

- Hyper-V in Windows Server
- Configuring VMs
- Securing virtualization in Windows Server
- Containers in Windows Server
- Overview of Kubernetes

Module 6: High availability in Windows Server

- Planning for failover clustering implementation
- Creating and configuring failover clusters
- Overview of stretch clusters
- High availability and disaster recovery solutions with Hyper-V VMs

Module 7: Disaster recovery in Windows Server
- Hyper-V Replica
- Backup and restore infrastructure in Windows Server

Module 8: Windows Server security

- Credentials and privileged access protection in Windows Server
- Hardening Windows Server
- JEA in Windows Server
- Securing and analyzing SMB traffic
- Windows Server update management

Module 9: RDS in Windows Server

- Overiview of RDS
- Configuring a session-based desktop deployment
- Overview of personal and pooled virtual desktops

Module 10: Remote access and web services in Windows Server

- Overview of RAS in Windows Server
- Implementing VPNs
- Implementing NPS
- Implementing Always On VPN
- Implementing Web Server in Windows Server

Module 11: Server and performance monitoring in Windows Server

- Overview of Windows Server monitoring tools
- Using Performance Monitor
- Monitoring event logs for troubleshooting

Module 12: Upgrade and migration in Windows Server

- AD DS Migration
- Storage Migration Service
- Windows Server migration tools

Contact Us

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