

Windows Administration

Course Duration: 135 Hours

Installing, Storage & Compute with Windows Server 2016

1. Install Windows Servers in host and Compute environments
2. Implement Storage Solutions
3. Implement Server Storage
4. Implement Data Deduplication
5. Implement Hyper-V Implement
6. Configure Hyper-V Networking
7. Windows Containers
8. Implement High Availability
9. Implement Storage Spaces Direct
10. Implement Network Load Balancing (NLB)
11. Maintain & Monitor server environments
12. Manage VM movement in clustered nodes
13. Monitor Server Installations

Networking with Windows Server 2016

1. Implement Domain Name System (DNS)
2. Create and Configure DNS zones and records
3. Implement DHCP Implement
4. Implement and Maintain IP Address Management (IPAM)
5. IP Address Management (IPAM)
6. Implement network connectivity & remote access solutions
7. Implement Network Policy Server (NPS)
8. Implement core & Distributed network solutions
9. Implement IPv4 and IPv6 addressing
10. Implementing Software Defined Networking (SDN)
11. Implement an Advanced network infrastructure

Identity with Windows Server 2016

1. Install and Configure Active Directory Domain Service (AD DS)
2. Install and Configure domain controllers
3. Manage and maintain AD DS
4. Maintain Active Directory
5. Create and Manage Group Policy
6. Configure Group Policy Processing
7. Implement Active Directory Certificate Services (AD CS)
8. Manage Certifications
9. Implement Web Application Proxy (WAP)
10. Install and Configure Active Directory Rights Management Services (AD RMS)
11. Implement identity federation and access solutions