Course : Microsoft Software Defined Networking
Duration : 3 Days
Base coure : WS-013T00: Azure Stack HCI
Course type : Koenig Crafted

1.   Introduction to Software Defined Networking (SDN)
1.1. What is SDN?
1.2. Benefits of SDN
1.3. Components of SDN
Microsoft SDN Solutions
2.1. Windows Server Software Defined Networking
2.1.1. Architecture and Features
2.1.2. Requirements and Configuration
2.1.3. Deployment and Management
2.2. Azure Virtual Network
2.2.1. Overview and Features
2.2.2. Deployment and Configuration
2.2.3. Management and Monitoring
SDN Management
3.1. PowerShell and Windows Admin Center
3.2. Network Virtualization and Automation
3.3. Traffic Optimization and Quality of Service (QoS)
Network Security and Access Control
4.1. Network Segmentation and Microsegmentation
4.2. Network Function Virtualization (NFV)
4.3. Authentication and Authorization
Integration with Other Services and Technologies
5.1. Cloud Integration and Hybrid Scenarios
5.2. Integration with Virtualization Technologies
5.3. Integration with IoT and Edge Computing
Troubleshooting and Best Practices
6.1. Common Issues and Solutions
6.2. Best Practices for Performance and Reliability
6.3. Capacity Planning and Growth Strategies