

Course : Microsoft Software Defined Storage

Duration : 3 Days

Base course : WS-013T00: Azure Stack HCI

Course type : Koenig Crafted

1. Introduction to Software-Defined Storage
2. 1.1. What is Software-Defined Storage?
3. 1.2. Benefits of Software-Defined Storage
4. 1.3. Components of Software-Defined Storage
5. Microsoft Software-Defined Storage Solutions
6. 2.1. Windows Server Storage Spaces Direct
7. 2.1.1. Architecture and Features
8. 2.1.2. Requirements and Configuration
9. 2.1.3. Deployment and Management
10. 2.2. Azure Stack HCI
11. 2.2.1. Overview and Features
12. 2.2.2. Deployment and Configuration
13. 2.2.3. Management and Monitoring
14. Software-Defined Storage Management
15. 3.1. PowerShell and Windows Admin Center
16. 3.2. Storage Quality of Service (QoS)
17. 3.3. Capacity Planning and Performance Optimization
18. High Availability and Disaster Recovery
19. 4.1. Failover Clustering and Stretch Clustering
20. 4.2. Replication and Backup Solutions
21. 4.3. Disaster Recovery Planning and Testing
22. Data Protection and Security
23. 5.1. Data Deduplication and Compression
24. 5.2. Encryption and Secure Boot
25. 5.3. Access Control and Audit Logging
26. Integration with Other Services and Technologies

27. 6.1. Hyper-Converged Infrastructure (HCI)
28. 6.2. Cloud Integration and Hybrid Scenarios
29. 6.3. Integration with Virtualization Technologies
30. Troubleshooting and Best Practices
31. 7.1. Common Issues and Solutions
32. 7.2. Best Practices for Performance and Reliability
33. 7.3. Capacity Planning and Growth Strategies