



Course AZ-801T00

Configuring Windows Server Hybrid Advanced Services

Course Length : 32 Hours
Professional Series : 4 Day
Academic Series : 6 Weeks

Module 1:

Windows Server security

- Secure Windows Server user accounts
- Hardening Windows Server
- Windows Server Update Management
- Secure Windows Server DNS

Module 2:

Implementing security solutions in hybrid scenarios

- Implement Windows Server IaaS VM network security.
- Audit the security of Windows Server IaaS Virtual Machines
- Manage Azure updates
- Create and implement application allow lists with adaptive application control
- Configure BitLocker disk encryption for Windows IaaS Virtual Machines
- Implement change tracking and file integrity monitoring for Windows Server IaaS VMs.

Module 3:

Implementing high availability

- Introduction to Cluster Shared Volumes.
- Implement Windows Server failover clustering.
- Implement high availability of Windows Server VMs.
- Implement Windows Server File Server high availability.
- Implement scale and high availability with Windows Server VMs.

Module 4:

Disaster recovery in Windows Server

- Implement Hyper-V Replica
- Protect your on-premises infrastructure from disasters with Azure Site Recovery

Module 5:

Implementing recovery services in hybrid scenarios

- Implement hybrid backup and recovery with Windows Server IaaS
- Protect your Azure infrastructure with Azure Site Recovery
- Protect your virtual machines by using Azure Backup

Module 6:

Upgrade and migrate in Windows Server

- Active Directory Domain Services migration
- Migrate file server workloads using Storage Migration Service
- Migrate Windows Server roles

Module 7:

Implementing migration in hybrid scenarios

- Migrate on-premises Windows Server instances to Azure IaaS virtual machines
- Upgrade and migrate Windows Server IaaS virtual machines
- Containerize and migrate ASP.NET applications to Azure App Service

Module 8:

Server and performance monitoring in Windows Server

- Monitor Windows Server performance
- Manage and monitor Windows Server event logs
- Implement Windows Server auditing and diagnostics
- Troubleshoot Active Directory

Module 9:

Implementing operational monitoring in hybrid scenarios

- Monitor Windows Server IaaS Virtual Machines and hybrid instances
- Monitor the health of your Azure virtual machines by using Azure Metrics Explorer and metric alerts
- Monitor performance of virtual machines by using Azure Monitor VM Insights
- Troubleshoot on-premises and hybrid networking
- Troubleshoot Windows Server Virtual Machines in Azure

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