MICROSOFT AZ-801

Microsoft Configuring Windows Server Hybrid Advanced Services Certification Questions & Answers

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AZ-801
Microsoft Certified - Windows Server Hybrid Administrator Associate
40-60 Questions Exam – 700 / 1000 Cut Score – Duration of 120 minutes

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Discover More about the AZ-801 Certification

Are you interested in passing the Microsoft AZ-801 exam? First discover, who benefits from the AZ-801 certification. The AZ-801 is suitable for a candidate if he wants to learn about Microsoft Windows Server. Passing the AZ-801 exam earns you the Microsoft Certified - Windows Server Hybrid Administrator Associate title.

While preparing for the AZ-801 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The AZ-801 PDF contains some of the most valuable preparation tips and the details and instant access to useful **AZ-801 study materials just at one click**.

Microsoft AZ-801 Configuring Windows Server Hybrid Advanced Services Certification Details:

Exam Name	Microsoft Certified - Windows Server Hybrid Administrator Associate
Exam Code	AZ-801
Exam Price	$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**Course AZ-801T00: Configuring Windows Server Hybrid Advanced Services**
Schedule Exam	**Pearson VUE**
Sample Questions	**Microsoft Configuring Windows Server Hybrid Advanced Services Sample Questions**
Practice Exam	**Microsoft AZ-801 Certification Practice Exam**

AZ-801 Syllabus:

Topic	Details
Secure Windows Server on-premises and hybrid infrastructures (25-30%)	
Secure Windows Server operating system	- configure and manage exploit protection - configure and manage Windows Defender Application Control - configure and manage Windows Defender for Endpoint - configure and manage Windows Defender Credential Guard - configure SmartScreen - implement operating system security by using Group Policies
Secure a hybrid Active Directory (AD) infrastructure	- configure password policies - enable password block lists - manage protected users - manage account security on a Read-Only Domain Controller (RODC) - harden domain controllers - configure authentication policies silos - restrict access to domain controllers - configure account security - manage AD built-in administrative groups - manage AD delegation - implement and manage Microsoft Defender for Identity
Identify and remediate Windows Server security issues by using Azure services	- monitor on-premises servers and Azure IaaS virtual machines (VMs) by using Azure Sentinel - identify and remediate security issues on-premises servers and Azure IaaS VMs by using Azure Security Center
Secure Windows Server networking	- manage Windows Defender Firewall - implement domain isolation - implement connection security rules
Secure Windows Server storage	- manage Windows BitLocker Drive Encryption (BitLocker) - manage and recover encrypted volumes

Topic	Details
	- enable storage encryption by using Azure Disk Encryption - manage disk encryption keys for IaaS virtual machines
Implement and manage Windows Server high availability (10-15%)	
Implement a Windows Server failover cluster	- implement a failover cluster on-premises, hybrid, or cloud-only - create a Windows failover cluster - stretch cluster across datacenter or Azure regions - configure storage for failover clustering - modify quorum options - configure network adapters for failover clustering - configure cluster workload options - configure cluster sets - configure Scale-Out File Servers - create an Azure witness - configure a floating IP address for the cluster - implement load balancing for the failover cluster
Manage failover clustering	- implement cluster-aware updating - recover a failed cluster node - upgrade a node to Windows Server 2022 - failover workloads between nodes - install Windows updates on cluster nodes - manage failover clusters using Windows Admin Center
Implement and manage Storage Spaces Direct	- create a failover cluster using Storage Spaces Direct - upgrade a Storage Spaces Direct node - implement networking for Storage Spaces Direct - configure Storage Spaces Direct
Implement disaster recovery (10-15%)	
Manage backup and recovery for Windows Server	- back up and restore files and folders to Azure Recovery Services vault - install and manage Azure Backup Server - back up and recover using Azure Backup Server - manage backups in Azure Recovery Services vault - create a backup policy

Topic	Details
	- configure backup for Azure Virtual Machines using the built-in backup agent - recover a VM using temporary snapshots - recover VMs to new Azure Virtual Machines - restore a VM
Implement disaster recovery by using Azure Site Recovery	- configure Azure Site Recovery networking - configure Site Recovery for on-premises VMs - configure a recovery plan - configure Site Recovery for Azure Virtual Machines - implement VM replication to secondary datacenter or Azure region - configure Azure Site Recovery policies
Protect virtual machines by using Hyper-V replicas	- configure Hyper-V hosts for replication - manage Hyper-V replica servers - configure VM replication - perform a failover
Migrate servers and workloads (20-25%)	
Migrate on-premises storage to on-premises servers or Azure	- transfer data and share - cut over to a new server by using Storage Migration Service - use Storage Migration Service to migrate to Azure Virtual Machines - migrate to Azure file shares
Migrate on-premises servers to Azure	- deploy and configure Azure Migrate appliance - migrate VM workloads to Azure IaaS - migrate physical workloads to Azure IaaS - migrate by using Azure Migrate
Migrate workloads from previous versions to Windows Server 2022	- migrate Internet Information Services (IIS) - migrate Hyper-V hosts - migrate Remote Desktop Services (RDS) host servers - migrate Dynamic Host Configuration Protocol (DHCP) - migrate print servers
Migrate IIS workloads to Azure	- migrate IIS workloads to Azure Web Apps - migrate IIS workloads to containers

Topic	Details
Migrate an AD DS infrastructure to Windows Server 2022 AD DS	- migrate AD DS objects, including users, groups and Group Policies, using Active Directory Migration Tool - migrate to a new Active Directory forest - upgrade an existing forest
Monitor and troubleshoot Windows Server environments (20-25%)	
Monitor Windows Server by using Windows Server tools and Azure services	- monitor Windows Server by using Performance Monitor - create and configure Data Collector Sets - monitor servers and configure alerts by using Windows Admin Center - monitor by using System Insights - manage event logs - deploy Log Analytics agents - collect performance counters to Azure - create alerts - monitor Azure Virtual Machines by using Azure diagnostics extension - monitor Azure Virtual Machines performance by using VM insights
Troubleshoot Windows Server on-premises and hybrid networking	- troubleshoot hybrid network connectivity - troubleshoot on-premises connectivity
Troubleshoot Windows Server virtual machines in Azure	- troubleshoot deployment failures - troubleshoot booting failures - troubleshoot VM performance issues - troubleshoot VM extension issues - troubleshoot disk encryption issues - troubleshoot storage - troubleshoot VM connection issues
Troubleshoot Active Directory	- restore objects from AD recycle bin - recover Active Directory database using Directory Services Restore Mode - recover SYSVOL - troubleshoot Active Directory replication

Topic	Details
	- troubleshoot hybrid authentication issues - troubleshoot on-premises Active Directory

Broaden Your Knowledge with Microsoft AZ-801 Sample Questions:

Question: 1

You have 100 Azure virtual machines that run Windows Server. The virtual machines are onboarded to Microsoft Defender for Cloud.

You need to shut down a virtual machine automatically if Microsoft Defender for Cloud generates the "Antimalware disabled in the virtual machine" alert for the virtual machine.

What should you use in Microsoft Defender for Cloud?

a) adaptive network hardening
b) a workbook
c) a security policy
d) a logic app

Answer: d

Question: 2

Your company has a main office in New York and branches in Canada and France. The company's network contains on-premises servers that are running Windows Server 2022. The CTO plans to deploy an Active Directory Domain Services (AD DS) domain controller in the Canada office.

The CTO wants to protect the domain controller from attacks that aim to compromise the company's database through the domain controller.

You need to fulfill the CTO's request. What should you do?

a) Use the Trusted Platform Module
b) Deploy a Hyper-V Unplanned Failover.
c) Use the Synapse Link service.
d) Use Kernel DMA Protection.

Answer: a

Question: 3

You have an Azure subscription that has Microsoft Defender for Cloud enabled. You have 50 Azure virtual machines that run Windows Server. You need to ensure that any security exploits detected on the virtual machines are forwarded to Defender for Cloud.
Which extension should you enable on the virtual machines?

- a) Vulnerability assessment for machines
- b) Microsoft Dependency agent
- c) Log Analytics agent for Azure VMs
- d) Guest Configuration agent

Answer: a

Question: 4

You have 10 servers that run Windows Server in a workgroup. You need to configure the servers to encrypt all the network traffic between the servers. The solution must be as secure as possible.
Which authentication method should you configure in a connection security rule?

- a) NTLMv2
- b) pre-shared key
- c) Kerberos V5
- d) computer certificate

Answer: d

Question: 5

You have a failover cluster named Cluster1 that has the following configurations:

- Number of nodes: 6
- Quorum: Dynamic quorum
- Witness: File share, Dynamic witness

What is the maximum number of nodes that can fail simultaneously while maintaining quorum?

- a) 1
- b) 2
- c) 3
- d) 4
- e) 5

Answer: c

Question: 6

You have an Azure virtual machine named VM1 that runs Windows Server. You need to encrypt the contents of the disks on VM1 by using Azure Disk Encryption.
What is a prerequisite for implementing Azure Disk Encryption?

    a) Customer Lockbox for Microsoft Azure
    b) an Azure key vault
    c) a BitLocker recovery key
    d) data-link layer encryption in Azure

Answer: b

Question: 7

You have 200 Azure virtual machines. You create a recovery plan in Azure Site Recovery to fail over all the virtual machines to an Azure region. The plan has three manual actions.
You need to replace one of the manual actions with an automated process. What should you use?

    a) an Azure Desired State Configuration (DSC) virtual machine extension
    b) an Azure Automation runbook
    c) an Azure PowerShell function
    d) a Custom Script Extension on the virtual machines

Answer: b

Question: 8

Your company has an on-premises Active Directory Domain Services (AD DS) domain named companya.com. The domain has several servers running on Windows Server 2022. The CTO plans to deploy a failover cluster.

You need to fulfill the CTO's request by using PowerShell. Which two cmdlets should you run within PowerShell?

Each correct answer presents part of the solution.

    a) Set-ClusterLog
    b) Start-ClusterNode
    c) Install-WindowsFeature
    d) Test-ClusterResourceFailure
    e) Test-Cluster

Answer: c, e

Question: 9

You have 100 on-premises machines running Windows Server 2019. You want to use Azure Monitor to monitor the performance of these servers. You need to deploy the Azure Monitor agent.

Which parameters should you provide while installing the agent?

a) An Azure SQL database connection string
b) An Azure service principal client ID and secret
c) An Azure Storage account name and access key
d) A Log Analytics workspace ID and Key

Answer: d

Question: 10

You have an Azure virtual machine named VM1 that runs Windows Server. You plan to deploy a new line-of-business (LOB) application to VM1. You need to ensure that the application can create child processes. What should you configure on VM1?

a) Microsoft Defender Credential Guard
b) Microsoft Defender Application Control
c) Microsoft Defender SmartScreen
d) Exploit protection

Answer: d

Avail the Study Guide to Pass Microsoft AZ-801 Configuring Windows Server Hybrid Advanced Services Exam:

- Find out about the AZ-801 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **AZ-801 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the AZ-801 training. Joining the Microsoft provided training for AZ-801 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **AZ-801 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. AZ-801 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the AZ-801 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the AZ-801 Certification

EduSum.Com is here with all the necessary details regarding the AZ-801 exam. We provide authentic practice tests for the AZ-801 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on EduSum.Com for rigorous, unlimited two-month attempts on the **AZ-801 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Microsoft Certified - Windows Server Hybrid Administrator Associate.

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