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Vendor:Microsoft

Exam Code:AZ-900

Exam Name:Microsoft Azure Fundamentals

Version:Demo

QUESTION 1

Your network contains an Active Directory forest named contoso.com. The forest contains a single domain. You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com.

You plan to deploy Azure AD Connect and to integrate Active Directory and the Azure AD tenant. You need to recommend an integration solution that meets the following requirements:

Ensures that password policies and user logon restrictions apply to user accounts that are synced to the tenant
Minimizes the number of servers required for the solution.

Which authentication method should you include in the recommendation?

- A. federated identity with Active Directory Federation Services (AD FS)
- B. password hash synchronization with seamless single sign-on (SSO)
- C. pass-through authentication with seamless single sign-on (SSO)

Correct Answer: B

Password hash synchronization requires the least effort regarding deployment, maintenance, and infrastructure. This level of effort typically applies to organizations that only need their users to sign in to Office 365, SaaS apps, and other Azure AD-based resources. When turned on, password hash synchronization is part of the Azure AD Connect sync process and runs every two minutes.

Incorrect Answers:

A: A federated authentication system relies on an external trusted system to authenticate users. Some companies want to reuse their existing federated system investment with their Azure AD hybrid identity solution. The maintenance and management of the federated system falls outside the control of Azure AD. It's up to the organization by using the federated system to make sure it's deployed securely and can handle the authentication load.

C: For pass-through authentication, you need one or more (we recommend three) lightweight agents installed on existing servers. These agents must have access to your on-premises Active Directory Domain Services, including your on-premises AD domain controllers. They need outbound access to the Internet and access to your domain controllers. For this reason, it's not supported to deploy the agents in a perimeter network. Pass-through Authentication requires unconstrained network access to domain controllers. All network traffic is encrypted and limited to authentication requests.

References: <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-pta>

QUESTION 2

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an on-premises network with numerous servers, which they intend to migrate to Azure.

You have been tasked with devising a plan that allows for the availability of a few of the servers, in the event that one of the Azure data centers becomes unavailable for a lengthy interval.

Solution: You should include elasticity in your plan.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 3

What is required to use Azure Cost Management?

A. a Dev/Test subscription

B. Software Assurance

C. an Enterprise Agreement (EA)

D. a pay-as-you-go subscription

Correct Answer: C

Azure customers with an Azure Enterprise Agreement (EA), Microsoft Customer Agreement (MCA), or Microsoft Partner Agreement (MPA) can use Azure Cost Management.

Cost management is the process of effectively planning and controlling costs involved in your business. Cost management tasks are normally performed by finance, management, and app teams. Azure Cost Management + Billing helps organizations plan with cost in mind. It also helps to analyze costs effectively and take action to optimize cloud spending.

References: <https://docs.microsoft.com/en-gb/azure/cost-management/overview-cost-mgt>

QUESTION 4

This question requires that you evaluate the underlined text to determine if it is correct.

One of the benefits of Azure SQL Data Warehouse is that high availability is built into the platform.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed

B. automatic scaling

C. data compression

D. versioning

Correct Answer: A

Azure Data Warehouse (now known as Azure Synapse Analytics) is a PaaS offering from Microsoft. As with all PaaS services from Microsoft, SQL Data Warehouse offers an availability SLA of 99.9%. Microsoft can offer 99.9% availability

because it has high availability features built into the platform.

References: <https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-faq>

QUESTION 5

A company has offices in multiple regions. The company has a Microsoft 365 subscription.

The company is developing a line-of-business (LOB) app. The app must meet the following requirements.

1.
Ensure availability regardless of an employee
2.
TMs location.
3.
Track the devices on which the app is installed by using Microsoft cloud services.
4.
Minimize costs. What should you do?
 - A. Copy the app to Microsoft OneDrive. Allow employees to download and install the app from One Drive.
 - B. Deploy the app to all devices by using Microsoft Intune.
 - C. Copy the app to local servers. Allow employees to download and install the app from the servers.
 - D. Deploy the app to all devices by using group policy.

Correct Answer: B

Reference: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-windows-10-app-deploy>
<https://docs.microsoft.com/en-us/mem/intune/apps/apps-monitor>

QUESTION 6

You have an Azure subscription that contains an Azure virtual machine named VM1. VM1 runs a financial reporting app named App1 that does not support multiple active instances.

At the end of each month, CPU usage for VM1 peaks when App1 runs.

You need to create a scheduled runbook to increase the processor performance of VM1 at the end of each month.

What task should you include in the runbook?

- A. Add the Azure Performance Diagnostics agent to VM1.
- B. Modify the VM size property of VM1.

- C. Add VM1 to a scale set.
- D. Increase the vCPU quota for the subscription.
- E. Add a Desired State Configuration (DSC) extension to VM1.

Correct Answer: E

Reference: <https://docs.microsoft.com/en-us/azure/automation/automation-quickstart-dsc-configuration>

QUESTION 7

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

<input type="checkbox"/>	be deployed to a separate virtual network.
<input type="checkbox"/>	run a different operating system than the other virtual machines.
<input type="checkbox"/>	be deployed to a separate resource group.
<input type="checkbox"/>	have two network interfaces.

Clearer pictures and no water-mask in the Full Product

Correct Answer:

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

<input checked="" type="checkbox"/>	be deployed to a separate virtual network.
<input type="checkbox"/>	run a different operating system than the other virtual machines.
<input type="checkbox"/>	be deployed to a separate resource group.
<input type="checkbox"/>	have two network interfaces.

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QUESTION 8

A group of employees and users outside the company must be able to collaborate on a project in real time by using a whiteboard. In the Microsoft 365 admin portal, which Office 365 product should you configure?

- A. Microsoft Yammer
- B. Microsoft Office Delve
- C. Microsoft SharePoint Online

D. Microsoft Teams

Correct Answer: D

Reference: <https://docs.microsoft.com/en-us/microsoftteams/manage-whiteboard>

QUESTION 9

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while

others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

With the Azure Cloud Shell, you can run PowerShell cmdlets and scripts in a Web browser. You log in to the Azure Portal and select the Azure Cloud Shell option. This will open a PowerShell session in the Web browser. The Azure Cloud

Shell has the necessary Azure PowerShell module installed.

Note: to run a PowerShell script in the Azure Cloud Shell, you need to change to the directory where the PowerShell script is stored.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart-powershell>

QUESTION 10

You have a resource group named RG1.

You plan to create virtual networks and app services in RG1.

You need to prevent the creation of virtual machines only in RG1.

What should you use?

- A. a lock
- B. an Azure role
- C. a tag
- D. an Azure policy

Correct Answer: D

Azure policies can be used to define requirements for resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources.

Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level

agreements.

In this question, we would create a Azure policy assigned to the resource group that denies the creation of virtual machines in the resource group.

You could place a read-only lock on the resource group. However, that would prevent the creation of any resources in the resource group, not virtual machines only. Therefore, an Azure Policy is a better solution.

References:

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

QUESTION 11

This question requires that you evaluate the underlined text to determine if it is correct.

Data that is stored in the Archive access tier of an Azure Storage account can be access at any time by using azcopy.exe

Instructions: Review the bold text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. can only be read by using Azure Backup
- C. must be restored before the data can be accessed
- D. must be rehydrated before the data can be accessed

Correct Answer: D

QUESTION 12

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while

others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Azure App Service is a PaaS (Platform as a Service) service. However, Azure virtual machines are an IaaS (Infrastructure as a Service) service. Therefore, this solution does not meet the goal.

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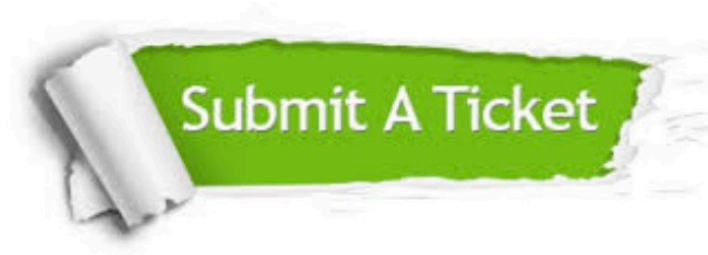
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