Microsoft Azure Certification AZ-104 Exam
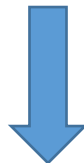
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➢ **Vendor: Microsoft**

➢ **Exam Code: AZ-104**

➢ **Exam Name: Microsoft Azure Administrator**

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NEW QUESTION 1
Your company has an Active Directory forest named adatum.com. You go ahead and install and configure Azure AD Connect to use password hash synchronization as the single sign-on (SSO) method. You have also enabled staging mode. After careful review, you see that the Synchronization Service Manager does not display any sync jobs. You need to ensure that the synchronization completes successfully. Which of the following would you implement to resolve this issue?

A.   From Synchronization Service Manager, run a complete import.
B.   Run the Azure AD Connect configuration and set the synchronization method to Pass-through Authentication.
C.   From Azure PowerShell, run Start-ADSyncSyncCycle command.
D.   Run the Azure AD Connect configuration and disable staging mode.

Answer: D
Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-operations

NEW QUESTION 2
Your company has an Azure subscription that is used by multiple departments in your company. The subscription contains around 5 resource groups. Each department uses resources in several resource groups. Your supervisor has requested to send a report that details the costs for each department. Which of the following actions would you need to perform for this purpose? (Choose three.)

A.   Assign a tag to each resource group.
B.   Use the Resource costs blade of each resource group.
C.   Download the usage report.
D.   Assign a tag to each resource.
E.   From the Costs Analysis blade, filter the view by tag.

Answer: CDE
Explanation:
Option A is incorrect since here the resources are used across various departments and are not constrained via resource groups.
Option B is incorrect since the costing on a tag basis needs to be seen from Cost Analysis.
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags

NEW QUESTION 3
Your company has an account and subscription in Azure. They have the requirement of creating multiple Linux servers for their test environment. Some of these servers need to have web servers such as NGINX pre-installed. The installation needs to be carried out in an automated fashion. Which of the following file would you need to create for the automated deployment?

A.   template.yaml
B.   deployment.json
C.   cloud-init
D.   deploy.xml

Answer: C
Explanation:
Cloud-initis a widely used approach to customize a Linux VM as it boots for the first time. You can use cloud-init to install packages and write files, or to configure users and security. As cloud-init runs during the initial boot process, there are no additional steps or required agents to apply your configuration.

https://docs.microsoft.com/en-us/azure/virtual-machines/linux/tutorial-automate-vm-deployment

NEW QUESTION 4
A company has the following virtual networks defined in Azure:

......

The following virtual machines have been defined as well:

......

Which of the following can be used by the security department to check for any network intrusions?

A.   IP Flow Verify
B.   Variable Packet Capture
C.   Azure Connection Monitor
D.   Application Insights

Answer: B
Explanation:
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-packet-capture-overview

NEW QUESTION 5
Your company wants to deploy a blogging solution on Azure. Below are the key deployment requirements:
- Ability to connect to Azure BLOB storage as the origin.
- Ensure that users across the world get the same performance when they access the blogging site.
You provide a solution of using the cloud tiering service. Does this solution meet the requirement?

A.   Yes
B.   No

Answer: B
Explanation:
The cloud tiering feature is used to ensure volumes have a percentage of free space when you use the Azure File Sync service. The ideal solution to use here is the Content Delivery service.
https://docs.microsoft.com/en-us/azure/storage/files/storage-sync-cloud-tiering

NEW QUESTION 6
A company has just setup an Azure account and subscription. The Senior management want to keep a control on costs during the initial deployment of resources. Which of the following can be used to keep a tabs on overall costs incurred for hosting resources in Azure?

A.   Use the pricing calculator to calculate the costs beforehand.
B.   Create a budget and then an action group to notify when thresholds are breached.
C.   Use the Azure Advisor to notify when costs are being breached.
D.   Use resource tags for all resources.

Answer: B
Explanation:
You can create a budget in Azure cost management and also create an action group to notify when costs are being breached.
Option A is partially correct but is only viable before creating resources in Azure.
Option C is incorrect since this is ideal when you want to have recommendations in place in Azure.
Option D is incorrect since this is ideal from a billing perspective and segregation on costs.
https://docs.microsoft.com/en-us/azure/cost-management/tutorial-acm-create-budgets

NEW QUESTION 7

An IT administrator has a setup a Web app in Azure called Web-app. Currently the Application is part of a Free App service plan. The Web app just stops after 60 minutes of usage every day. You need to ensure that the application can run continuously every day. You propose to change the App Service Plan to Shared. Would this solution resolve the issue?

A.   True
B.   False

Answer: B
Explanation:
With the Shared service plan, you are only allowed to run an App for 240 minutes a day. So, this will not resolve the issue.
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION 8
An IT administrator has a setup a Web app in Azure called Web-app. Currently the Application is part of a Free App service plan. The Web app just stops after 60 minutes of usage every day. You need to ensure that the application can run continuously every day. You propose to add a web job so that the app could run on a continuous basis. Would this solution resolve the issue?

A.   True
B.   False

Answer: B
Explanation:
Because even if you have a web job, you can still can only consume 60 minutes of CPU time per day.
https://azure.microsoft.com/en-us/pricing/details/app-service/plans/

NEW QUESTION 9
A web developer has deployed an App to Azure Web Apps. The Web app is part of the standard App Service Plan. You have to ensure that anonymous access is disabled when test users try to access the web application. In order to access the web application, they would need to enter a user name and password. Which of the following would be used to configure this setting?

A.   Authentication / Authorization
B.   Advanced Tools
C.   Access control (IAM)
D.   Deployment credentials

Answer: A
Explanation:
An example screenshot is given below on the setting on the Azure Web app which is used to disable anonymous access:
......
Since this is clearly evident from the Azure portal, all other options are invalid.
https://docs.microsoft.com/en-us/azure/app-service/overview-authentication-authorization

NEW QUESTION 10
An IT Administrator has been instructed to create a service Bus queue. Its needs to be ensured that the Service Bus queue guarantees first in first-out (FIFO) delivery of messages. Which of the following needs to be implemented for this requirement?

A.   Set the Lock Duration setting to 5 seconds.
B.   Enable duplicate detection.

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C.   Set the Max Size setting of the queue to 1 GB.
D.   Enable partitioning.
E.   Enable sessions.

Answer: E
Explanation:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted

NEW QUESTION 11
A company is planning on using Azure Site recovery for migrating a set of On-premise servers onto Azure. As an IT Administrator you are going to setup Azure and the configuration/process servers in your on-premise environment. Which of the following needs to be configured to ensure that the replication can be carried out? (Choose two.)

A.   Ensure that the machines that need to be replicated can communicate with Azure on port 443.
B.   Ensure that the machines that need to be replicated can communicate with the process server on port 443.
C.   Ensure that the process server can communicate with Azure on port 443.
D.   Ensure that the process server can communicate with Azure on port 359.

Answer: BC
Explanation:
Option A is incorrect since it is the process server that sends the replication data.
Option D is incorrect since the process server needs to communicate over port 359.
https://docs.microsoft.com/en-us/azure/site-recovery/physical-azure-architecture

NEW QUESTION 12
Your company is planning on migrating their on-premise VMWare Virtual Machines to Azure. For this purpose, they are planning on using the Azure Migrate tool. You first need to discover which of the on-premise machines need to be assessed for the migration. Which of the below mentioned steps need to be followed for this requirement? (Choose three.)

A.   Create a collector virtual machine.
B.   Download the OVA file for the collector appliance.
C.   Create a migration group in the project.
D.   Configure the collector and start discovery.
E.   Create an assessment in the project.

Answer: ABD
Explanation:
https://docs.microsoft.com/en-us/azure/migrate/tutorial-assessment-vmware

NEW QUESTION 13
A company has setup a load balancer that load balances traffic on port 80 and 443 across 3 virtual machines. You have to ensure that all RDP traffic is directed towards a VM named demovm. How would you achieve this?

A.   By creating a new public load balancer for demovm.
B.   By creating a new internal load balancer for demovm.
C.   By creating an inbound NAT rule.
D.   By creating a new IP configuration.

Answer: C

Explanation:
https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-port-forwarding-portal

NEW QUESTION 14
You have an Azure subscription that contains a storage account. You have an on-premises server named Server1 that runs Window Server 2016. Server1 has 2 TB of data. You need to transfer the data to the storage account by using the Azure Import/Export service. Below is the list of expected steps:
1. from the Azure portal, create an import job
2. from Server1, run waimportexport.exe
3. attach an external disk to Server1
4. from the Azure portal, update the import job
5. detach the external disks from Server and ship the disks to an Azure data center
Which of the following is the right sequence of steps?

A.   3,2,1,5,4
B.   1,3,2,5,4
C.   1,2,3,5,4
D.   1,2,3,4,5

Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/storage/common/storage-import-export-service

NEW QUESTION 15
You manage a virtual network named VNet1 that is hosted in the West US Azure region. VNet1 hosts two virtual machines named VM1 and VM2 that run Windows Server. You need to inspect all the network traffic from VM1 to VM2 for a period of three hours.
Solution: From Azure Network Watcher, you create a packet capture.
Does this meet the goal?

A.   Yes
B.   No

Answer: A
Explanation:
Network Watcher variable packet capture allows you to create packet capture sessions to track traffic to and from a virtual machine. Packet capture helps to diagnose network anomalies both reactively and proactivity. Other uses include gathering network statistics, gaining information on network intrusions, to debug client-server communications and much more.
https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-packet-capture-overview

NEW QUESTION 16
You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups. Another administrator plans to create several network security groups (NSGs) in the subscription. You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.
Solution: From the Resource providers blade, you unregister the Microsoft.ClassicNetwork provider.
Does this meet the goal?

A.   Yes
B.   No

Answer: B

Explanation:
For enforcing compliance on resources, you need to use Azure policies.
https://docs.microsoft.com/en-us/azure/governance/policy/samples/nsg-on-nic

NEW QUESTION 17
You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant named adatum.com. The tenant contains 500 user accounts. You deploy Microsoft Office 365. You configure Office 365 to use the user accounts in adatum.com. You configure 60 users to connect to mailboxes in Microsoft Exchange Online. You need to ensure that the 60 users use Azure Multi-Factor Authentication (MFA) to connect to the Exchange Online mailboxes. The solution must only affect connections to the Exchange Online mailboxes. What should you do?

A.   From the multi-factor authentication page, configure the Multi-Factor Auth status for each user.
B.   From Azure Active Directory admin center, create a conditional access policy.
C.   From the multi-factor authentication page, modify the verification options.
D.   From the Azure Active Directory admin center, configure an authentication method.

Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-userstates

NEW QUESTION 18
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