**Exam D – Jun 11 – 2022**

**QUESTION 44**

Your network contains an Active Directory forest. The forest contains 5,000 user accounts.

Your company plans to migrate all network resources to Azure and to decommission the on-premises data

center.

You need to recommend a solution to minimize the impact on users after the planned migration. What should

you recommend?

A. Implement Azure Multi-Factor Authentication (MFA)

B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)

C. Instruct all users to change their password

D. Create a guest user account in Azure Active Directory (Azure AD) for each user

**QUESTION 45**

You have an Azure subscription.

Where will you find details on the personal data collected by Microsoft, how Microsoft uses the data, and what

the data is used for?

A. the Data Protection Addendum

B. the Microsoft Online Services Terms

C. the Microsoft Privacy Statement

D. Azure Security Center

**QUESTION 46**

Which Azure service provides a set of version control tools to manage code?

A. Azure Repos

B. Azure DevTest Labs

C. Azure Storage

D. Azure Cosmos DB

**QUESTION 47**

A team of developers at your company plans to deploy, and then remove, 50 customized virtual machines each

week.

Thirty of the virtual machines run Windows Server 2016 and 20 of the virtual machines run Ubuntu Linux.

You need to recommend which Azure service will minimize the administrative effort required to deploy and

remove the virtual machines.

What should you recommend?

A. Azure Reserved Virtual Machines (VM) Instances

B. Azure virtual machine scale sets

C. Azure DevTest Labs

D. Microsoft Managed Desktop

**QUESTION 48**

A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All

the virtual machines are configured by using Azure Resource Manager templates.

You need to recommend which Azure service will minimize the administrative effort required to deploy and

remove the virtual machines.

What should you recommend?

A. Azure Reserved Virtual Machine (VM) Instances

B. Azure DevTest Labs

C. Azure virtual machine scale sets

D. Azure Virtual Desktop

**QUESTION 49**

A support engineer plans to perform several Azure management tasks by using the Azure CLI.

You install the CLI on a computer.

You need to tell the support engineer which tools to use to run the CLI.

Which two tools should you instruct the support engineer to use? Each correct answer presents a complete

solution.

NOTE: Each correct selection is worth one point.

A. Command Prompt

B. Azure Resource Explorer

C. Windows PowerShell

D. Windows Defender Firewall

E. Network and Sharing Center

**QUESTION 50**

You have an on-premises application that sends email notifications automatically based on a rule.

You plan to migrate the application to Azure.

You need to recommend a serverless computing solution for the application. What should you include in the

recommendation?

A. a web app

B. a server image in Azure Marketplace

C. a logic app

D. an API app

**QUESTION 51**

You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large

video files.

You need to recommend which Azure feature must be used to provide the best video playback experience.

What should you recommend?

A. an application gateway

B. an Azure ExpressRoute circuit

C. a content delivery network (CDN)

D. an Azure Traffic Manager profile

**QUESTION 52**

Your company plans to deploy several million sensors that will upload data to Azure.

You need to identify which Azure resources must be created to support the planned solution. Which two Azure

resources should you identify? Each correct answer presents part of the solution. NOTE: Each correct

selection is worth one point.

A. Azure Data Lake

B. AzureQueue storage

C. Azure File Storage

D. Azure IoT Hub

E. Azure Notification Hubs

**QUESTION 53**

You have an Azure web app.

You need to manage the settings of the web app from an iPhone.

What are two Azure management tools that you can use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure CLI

B. the Azure portal

C. Azure Cloud Shell

D. Windows PowerShell

E. Azure Storage Explorer

**QUESTION 54**

You have an Azure environment.

You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

What are three possible solutions? Each correct answer presents a complete solution. NOTE: Each correct

selection is worth one point.

A. Use Bash in Azure Cloud Shell.

B. Use PowerShell in Azure Cloud Shell.

C. Use the PowerApps portal.

D. Use the Security & Compliance admin center.

E. Use the Azure portal.

**QUESTION 55**

Your company plans to deploy an Artificial Intelligence (AI) solution in Azure.

What should the company use to build, test, and deploy predictive analytics solutions?

A. Azure Logic Apps

B. Azure Machine Learning Designer

C. Azure Batch

D. Azure Cosmos DB

**QUESTION 56**

What can you use to automatically send an alert if an administrator stops an Azure virtual machine?

A. Azure Advisor

B. Azure Service Health

C. Azure Monitor

D. Azure Network Watcher

**QUESTION 57**

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.

Which Azure service should you use from the Azure portal to view service failure notifications that can affect

the availability of VM1?

A. Azure Service Fabric

B. Azure Monitor

C. Azure virtual machines

D. Azure Advisor

**QUESTION 58**

Which service provides serverless computing in Azure?

A. Azure Virtual Machines

B. Azure Functions

C. Azure storage account

D. Azure dedicated hosts

**QUESTION 59**

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.

Which three computers can run the script? Each correct answer presents a complete solution. NOTE: Each

correct selection is worth one point.

A. a computer that runs macOS and has PowerShell Core 6.0 installed.

B. a computer that runs Windows 10 and has the Azure PowerShell module installed.

C. a computer that runs Linux and has the Azure PowerShell module installed.

D. a computer that runs Linux and has the Azure CLI tools installed.

E. a computer that runs Chrome OS and uses Azure Cloud Shell

**QUESTION 60**

Your company has several business units.

Each business unit requires 20 different Azure resources for daily operation. All the business units require the

same type of Azure resources.

You need to recommend a solution to automate the creation of the Azure resources. What should you include

in the recommendations?

A. Azure Resource Manager templates

B. virtual machine scale sets

C. the Azure API Management service

D. management groups

**QUESTION 61**

What can you use to identify underutilized or unused Azure virtual machines?

A. Azure Advisor

B. Azure Cost Management + Billing

C. Azure reservations

D. Azure Policy

**QUESTION 62**

You need to configure an Azure solution that meets the following requirements:

Secures websites from attacks

Generates reports that contain details of attempted attacks

What should you include in the solution?

A. Azure Firewall

B. a network security group (NSG)

C. Azure Information Protection

D. DDoS protection

**QUESTION 63**

Your company plans to deploy several web servers and several database servers to Azure.

You need to recommend an Azure solution to limit the types of connections from the web servers to the

database servers.

What should you include in the recommendation?

A. network security groups (NSGs)

B. Azure Service Bus

C. a local network gateway

D. a route filter

**QUESTION 64**

Which service provides network traffic filtering across multiple Azure subscriptions and virtual networks?

A. Azure Firewall

B. an application security group

C. Azure DDoS protection

D. a network security group (NSG)

**QUESTION 65**

Which Azure service should you use to store certificates?

A. Azure Security Center

B. an Azure Storage account

C. Azure Key Vault

D. Azure Information Protection

**QUESTION 66**

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

A. Azure Sentinel

B. Azure Synapse Analytics

C. Azure AD Connect

D. Azure Key Vault

**QUESTION 67**

Which Azure service can you use as a security information and event management (SIEM) solution?

A. Azure Analysis Services

B. Azure Sentinel

C. Azure Information Protection

D. Azure Cognitive Services

**QUESTION 68**

You have an Azure virtual machine named VM1.

You plan to encrypt VM1 by using Azure Disk Encryption. Which Azure resource must you create first?

A. an Azure Storage account

B. an Azure Key Vault

C. an Azure Information Protection policy

D. an Encryption key

**QUESTION 69**

Which resources can be used as a source for a Network security group inbound security rule?

A. Service Tags only

B. IP Addresses, Service tags and Application security groups

C. Application security groups only

D. IP Addresses only

**QUESTION 70**

You have an Azure Sentinel workspace.

You need to automate responses to threats detected by Azure Sentinel. What should you use?

A. adaptive network hardening in Azure Security Center

B. Azure Service Health

C. Azure Monitor workbooks

D. adaptive application controls in Azure Security Center

**QUESTION 71**

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. What are

two possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Modify an Azure Traffic Manager profile

B. Modify a network security group (NSG)

C. Modify a DDoS protection plan

D. Modify an Azure firewall

**QUESTION 72**

You have an Azure environment that contains 10 virtual networks and 100 virtual machines.

You need to limit the amount of inbound traffic to all the Azure virtual networks. What should you create?

A. one application security group (ASG)

B. 10 virtual network gateways

C. 10 Azure ExpressRoute circuits

D. one Azure firewall

**QUESTION 73**

Your company plans to automate the deployment of servers to Azure.

Your manager is concerned that you may expose administrative credentials during the deployment.

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment.

What should you include in the recommendation?

A. Azure Key Vault

B. Azure Information Protection

C. Azure Security Center

D. Azure Multi-Factor Authentication (MFA)

**QUESTION 74**

You plan to deploy several Azure virtual machines.

You need to control the ports that devices on the Internet can use to access the virtual machines. What should

you use?

A. a network security group (NSG)

B. an Azure Active Directory (Azure AD) role

C. an Azure Active Directory group

D. an Azure key vault

**QUESTION 75**

What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

A. uptime

B. feature availability

C. bandwidth

D. performance

**QUESTION 76**

Your company plans to request an architectural review of an Azure environment from Microsoft.

The company currently has a Basic support plan.

You need to recommend a new support plan for the company. The solution must minimize costs. Which

support plan should you recommend?

A. Premier

B. Developer

C. Professional Direct

D. Standard

**QUESTION 77**

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

**QUESTION 78**

Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.

You plan to deploy SQL Server on Azure virtual machines.

What should you do to minimize licensing costs for the deployment?

A. Deallocate the virtual machines during off hours.

B. Use Azure Hybrid Benefit.

C. Configure Azure Cost Management budgets.

D. Use Azure reservations

**QUESTION 79**

Your company has 10 departments.

The company plans to implement an Azure environment.

You need to ensure that each department can use a different payment option for the Azure services it

consumes.

What should you create for each department?

A. a reservation

B. a subscription

C. a resource group

D. a container instance

**QUESTION 80**

Which statement accurately describes the Modern Lifecycle Policy for Azure services?

A. Microsoft provides mainstream support for a service for five years.

B. Microsoft provides a minimum of 12 months’ notice before ending support for a service.

C. After a service is made generally available, Microsoft provides support for the service for a minimum of four

years.

D. When a service is retired, you can purchase extended support for the service for up to five years.

**QUESTION 81**

Your company has an Azure subscription that contains the following unused resources:

20 user accounts in Azure Active Directory (Azure AD)

Five groups in Azure AD 10 public IP addresses 10 network interfaces

You need to reduce the Azure costs for the company. Which unused resources should you remove?

A. the network interfaces

B. the public IP addresses

C. the groups

D. the user accounts

**QUESTION 82**

Who can use the Azure Total Cost of Ownership (TCO) calculator?

A. billing readers for an Azure subscription only

B. owners for an Azure subscription only

C. anyone

D. all users who have an account in Azure Active Directory (Azure AD) that is linked to an Azure subscription

only

**QUESTION 83**

Which task can you perform by using Azure Advisor?

A. Integrate Active Directory and Azure Active Directory (Azure AD).

B. Estimate the costs of an Azure solution.

C. Confirm that Azure subscription security follows best practices.

D. Evaluate which on-premises resources can be migrated to Azure.

**QUESTION 84**

You have an Azure application that uses the services shown in the following table.

How should you calculate the composite SLA for the application?

A. 0.999 \*0.9999=0.9989001= 99.89001%

B. 0.999/0.9999=0.9991 =99.91%

C. Max(0.999, 0.9999) = 0.9999 = 99.99%

D. Min(0.999, 0.9999) = 0.999 = 99.9%

**QUESTION 85**

Your company has 10 offices. You plan to generate several billing reports from the Azure portal. Each report

will contain the Azure resource utilization of each office.

Which Azure Resource Manager feature should you use before you generate the reports?

A. tags

B. templates

C. locks

D. policies

**QUESTION 86**

In which Azure support plans can you open a new support request?

A. Premier and Professional Direct only

B. Premier, Professional Direct, and Standard only

C. Premier, Professional Direct, Standard, and Developer only

D. Premier, Professional Direct, Standard, Developer, and Basic