

Q. 1 An organization has recently started its Azure journey. The IT administrator is learning about the advantages of using some of the Azure features that allow easy deployment of resources across the organization's Azure environment. Which of the following would you recommend to automate the deployment of the resources?

- ☐ Azure management groups
- ☐ Azure DevOps
- ☐ Azure Resource Manager (ARM) templates
- ☐ Azure Sentinel

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Q. 2

Your organization has deployed four identically configured web servers hosted on virtual machines (VMs) in its Azure environment. These machines are part of a scale set.

Which Azure characteristic does your organization's solution illustrate?

- ☐ Rapid elasticity
- ☐ Broad network access
- ☐ Measured service
- ☐ Resource pooling

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Q. 3

You plan to deploy three web server virtual machines (VMs) to a virtual network in Azure. You need to protect the VMs against Azure data center failure within your region.

Which configuration option should you choose for your VMs?

- ☐ Load balancer
- ☐ Scale options
- ☐ Availability Zones
- ☐ Availability sets

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Q. 4

Your organization has several virtual machines (VMs) deployed across two virtual networks (VNETs) in Azure. One VNET is located in the East US region and the other VNET is located in the West US region. You need to configure the VNETs so all VMs can communicate.

Your solution must minimize cost. What should you deploy?

- ☐ Azure Firewall
- ☐ VNet peering
- ☐ Virtual network gateway
- ☐ Route table

[Report Error](#)**Q. 5 What two types of load balancers are available in Azure?**

- ☐ Azure major load balancer
- ☐ Azure minor dev load balancer
- ☐ Azure public load balancer
- ☐ Azure internal load balancer

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Your organization plans to run its ASP.NET Core web application in Azure. You need to recommend an Azure compute strategy that gives developers full control of the underlying compute layer.

Which deployment model should you recommend?

- ☐ App Service app
- ☐ Function App
- ☐ Azure Virtual Machine
- ☐ Azure Container Instance

[Report Error](#)**Q. 7 Which of the following is an Azure service that provides a platform to run serverless code?**

- ☐ Azure App Service
- ☐ Azure Application Insights
- ☐ Azure ExpressRoute
- ☐ Azure Functions

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Q. 8 Which of the following is a big data analysis service with a built-in library for machine learning?

☐ Azure Databricks

☐ Azure IoT Hub

☐ Azure Sentinel

☐ Azure Functions

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Q. 9 An Azure blueprint is made up of which of the following?

☐ Artifacts

☐ Resource types

☐ Tags

☐ IdP

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Q. 10 Which of the following is NOT an advantage of Azure DevOps services?

☐ Elastic scaling

☐ Manual setup of the security construct and repositories from scratch

☐ Quick setup

☐ Maintenance-free operations (no ops)

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Q. 11 Correct or Incorrect: Azure Event Grid allows you to easily build apps with only Azure-native functions.

☐ Correct

☐ Incorrect

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Q. 12 Which Azure analytics service brings together enterprise data warehousing and big data analytics?

- ☐ Azure ML
- ☐ Azure Synapse
- ☐ Azure AI
- ☐ Azure Databricks

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Q. 13 Correct or Incorrect: Azure Databricks is a fast, easy, and collaborative Apache Spark-based analytics service.

- ☐ Correct
- ☐ Incorrect

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Q. 14 Which of the following are key advantages of a private cloud?

- ☐ More flexibility: An organization can customize its cloud environment to meet specific business needs.
- ☐ Lower costs: There is no need to purchase hardware or software, and you pay only for the service you use.
- ☐ Improved security: Resources are not shared with others, so higher levels of control and security are possible.
- ☐ Cost-effectiveness: Thanks to the scalability of the public cloud, you pay for extra computing power only when needed.

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Q. 15 Which of the following plans are usually referred to as business continuity and disaster recovery (BCDR) plans?

- ☐ Disaster recovery plans
- ☐ Application recovery plans
- ☐ Service recovery plans
- ☐ VM recovery plans

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Q. 16 Which of the following is the Microsoft 365 cloud service model?

- ☐ Software-as-a-service (SaaS)
- ☐ Infrastructure-as-a-service (IaaS)
- ☐ Community cloud (CCloud)
- ☐ Platform-as-a-service (PaaS)

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Q. 17 A blueprint is made up of artifacts. Which of the following resources does Azure Blueprints currently support as artifacts?

- ☒ Azure Resource Manager templates
- ☐ Role assignments
- ☐ All of these
- ☐ Policy assignments

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Q. 18 An organization has deployed multiple instances of Windows OS in its Azure environment. The best way to map a network drive to Azure Storage is to create which of the following?

- ☐ Azure page blobs
- ☐ Azure Cosmos DB
- ☐ Azure files
- ☐ Hybrid SSD

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Q. 19 Your organization's lead database administrator (DBA) wants to back up the noncritical databases. He wants to create multiple data stores in Azure and leverage a storage tier to store the data that is infrequently used. What would you recommend?

- ☐ Cool storage
- ☐ Archive storage
- ☐ Hot storage
- ☐ All three tiers: hot, cool, and archive tiers

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Q. 20 Your organization plans to add text-to-speech capability to its line-of-business application. The application and all its components reside in Azure. You need to recommend a solution that saves the organization as much development time as possible. Which Azure product should you recommend to the team?

- ☐ Azure Cognitive Services
- ☐ Azure Data Science Virtual Machine
- ☐ Azure Machine Learning Service
- ☐ Azure Databricks

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Q. 21 Your organization developed an App Service web app that runs in Azure. Which of the following resources does Microsoft manage for your organization?

- ☐ Connection string
- ☐ Operating system
- ☐ Data
- ☐ Language frameworks

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Q. 22

Your organization runs its line-of-business (LOB) applications in Azure using Azure SQL Database. Microsoft experiences a regional outage that violates its service-level agreement (SLA) for Azure SQL Database.

What does Microsoft do to reconcile the SLA violation?

- ☐ Replicate the Azure SQL database to another region
- ☐ Remind you to file an Azure support ticket
- ☐ Generate an alert in Azure Monitor
- ☐ Apply credit to your Azure subscription

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Q. 23 Correct or Incorrect: An organization is planning to leverage locally redundant storage (LRS) to replicate its data in Blob storage, and the corporate procurement department is keen on keeping track of the cost of storing the data in Blob storage, but the cost of Blob storage differs depending on the data redundancy option selected.

- ☐ Correct
- ☐ Incorrect

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Q. 24 Correct or Incorrect: You have to pay a minimum of \$200 when signing up for an Azure Free account.

☐ Correct

☐ Incorrect

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Q. 25

An organization has multiple subscriptions and several virtual machines in these subscriptions. The IT administrator is tasked with relocating multiple virtual machines from subscription A to subscription B for compliance reasons in a specific geography.

The IT administrator explains that the virtual machines _____ to the new subscription.

☐ can be moved

☐ need Microsoft's approval to be moved

☐ need to be moved outside Azure and then brought back in

☐ cannot be moved

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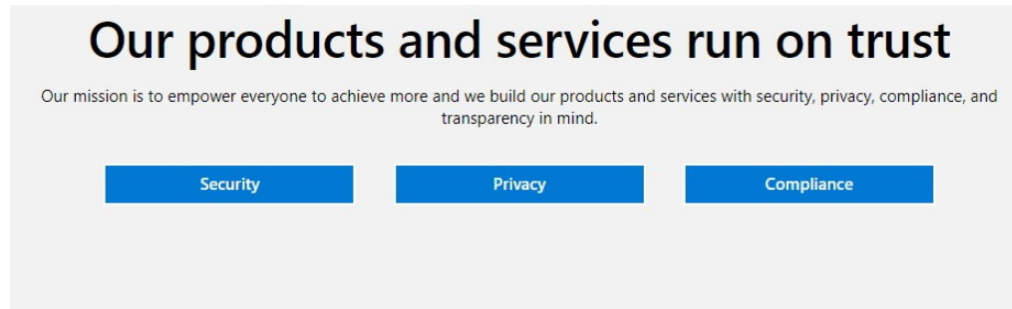
Q. 26 Correct or Incorrect: In Azure, an Availability Zone is different from a zone.

☐ Correct

☐ Incorrect

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Q. 27 Which Azure product is shown in the following screen?



[Microsoft Azure](#)

[Microsoft 365](#)

[Microsoft Power Platform](#)

[Other products and services](#)

☐ Azure Privacy

☐ Microsoft Trust Center

☐ Azure Firewall

☐ Azure Marketplace

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Q. 28

An organization is adopting public cloud services, and Azure has been selected as a cloud of choice. The information security team has expressed concern about possible exposure of administrative credentials during the deployment and operations phases.

Which of the following Azure solutions enables encryption of the administrative credentials?

☐ Azure Information Protection

☐ Azure Sentinel

☐ Azure Key Vault

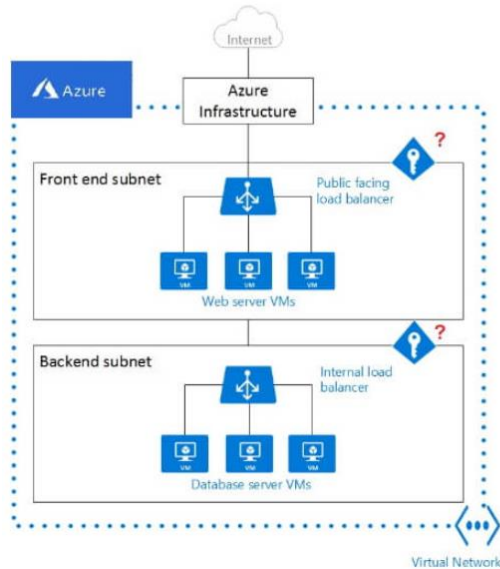
☐ Azure Multi-Factor Authentication (MFA)

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Q. 29

Your organization has deployed an Azure VNet with two subnets hosting the front-end web server VMs and back-end database server VMs, as shown in the following diagram. The security administrator is mandated to filter traffic coming from the Internet as well as between the front-end subnet and the back-end subnet, based on IP addresses.

What is represented by ? in the figure?



- ☐ VPN gateway
- ☐ Azure network security groups (NSGs)
- ☐ Azure Security Center
- ☐ Proxy endpoint

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Q. 30 In Microsoft Azure, an application can connect to which of the following Azure resources for retrieving secrets, keys, and certificates?

- ☐ Azure Key Vault
- ☐ Azure Active Directory (Azure AD)
- ☐ Encrypted Blob storage
- ☐ Dedicated certificate store

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Q. 31

A company plans to purchase a Microsoft Azure Support plan.

Below is a key requirement for the support plan:

- Ensure that for high severity cases, there is a minimum initial response time of 15 minutes

A recommendation is made to purchase the Premier Support plan.

Would this recommendation fulfill the requirement?

☐ Incorrect

☐ Correct

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Q. 32

A company wants to make use of a Microsoft Azure service in private preview.

Are Azure services in private preview available to all customers?

☐ Incorrect

☐ Correct

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Q. 33

A company wants to make use of a Microsoft Azure service in public preview.

Are Azure services in public preview available to all customers?

☐ Correct

☐ Incorrect

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Q. 34

A company is planning on setting up a Microsoft Azure account.

Can they purchase multiple Azure subscriptions and tie them to the single Azure account?

☐ Correct

☐ Incorrect

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Q. 35

A company has multiple Microsoft Azure subscriptions.

They want to merge the subscriptions into one.

Do they need to contact Microsoft to merge the subscriptions?

☐ Incorrect

☐ Correct

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Q. 36

A company needs to deploy several Virtual Machines (VMs).

Each of these Virtual Machines (VMs) will have the same set of permissions.

To minimize the administrative overhead, in which method would you deploy the Azure Virtual Machines?

☐ Azure Tags

☐ Azure Resource Manager

☐ Azure policies

☐ Azure Virtual Machine Scale sets

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Q. 37 An organization's IT security and privacy policy states that Azure administrators are only allowed to create new Azure resources in a region in the country where the IT help desk is located. Which of the following can help seamlessly enable the organization to enforce the policy globally?

☐ ARM templates

☐ Azure Marketplace

☐ Azure remote management

☐ Azure Policy

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Q. 38 Correct or Incorrect: Microsoft uses the data you provide as part of your interaction with Microsoft and Microsoft's products that you may use. Microsoft may use this data to advertise and market to you, including sending promotional communications, targeting advertising, and presenting you with relevant offers.

☐ Incorrect

☐ Correct

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Q. 42 An Azure service-level agreement (SLA) guarantees which of the following metrics?





- ☐ Bandwidth
- ☐ Uptime
- ☐ Performance
- ☐ Security

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Q. 43 Where would you find a list of recommendations for your Azure environment like the one shown in the following screen?

[Feedback](#) [Download as CSV](#) [Download as PDF](#)

Create a recommendation digest to get periodic summary for your active recommendations. →

Cost	Security	High Availability
<div> You are following all of our cost recommendations See list of cost recommendations</div>	<div>1 Recommendation <div><div></div></div> 1 High impact 0 Medium impact 0 Low impact 1 Impacted resource</div>	<div> You are following all of our high availability recommendations See list of high availability recommendations</div>
<div> You are following all of our operational</div>	<div></div>	

- ☐ Azure Monitor
- ☐ Azure Recommendations
- ☐ Azure TCO Calculator
- ☐ Azure Advisor

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Q. 44 An organization has deployed multiple services in its Azure subscription and is looking for ways to reduce cost for persistent services and workloads. Which of the following would you recommend?

- ☐ Azure TCO calculator
- ☐ Azure Monitor
- ☐ Azure reserved instances
- ☐ Azure Reservations

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Q. 45 In Azure Cost Management, which of the following helps you plan for and drive organizational accountability?

- ☐ Pricing
- ☐ Costing
- ☐ Budgets
- ☐ Bandwidth

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Q. 46 Which of the following does each Azure subscription have assigned to it?

- ☐ Restrictions
- ☐ Security functions
- ☐ Marginal costing
- ☐ Limits

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Q. 47 An organization's IT administrator has been tasked with managing the lifecycle of several virtual machines in the organization's Azure environment. From cost and resource availability viewpoints, which of the following statements are true?

- ☐ When an Azure VM is stopped and placed in the Stopped (Deallocated) state, you still pay for the Azure Storage account usage.
- ☐ When the VM is stopped, the organization does not incur any additional storage costs.
- ☐ An Azure VM that is put into the Stopped (Deallocated) state releases the CPU and memory resources as well as the dynamic IP address allocation.
- ☐ When the VM is stopped, it does not retain all its settings and configurations.

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Q. 48 Your organization plans to use a feature in Azure that is currently in public preview status. You as the IT administrator need to ensure that the feature is covered by an appropriate service-level agreement (SLA). The recommendation from business consultants is to deploy production workloads leveraging this new feature. Is this the best recommendation?

☐ Correct

☐ Incorrect

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Q. 49 Correct or Incorrect: If an organization has multiple Microsoft Azure subscriptions, and the new CIO wants the head of IT to consolidate all subscriptions, the head of IT can transfer the billing ownership of multiple Azure subscriptions to one Azure subscription.

☐ Incorrect

☐ Correct

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Q. 50

Correct or Incorrect: Your organization plans to migrate its on-premises SQL Server databases to Azure SQL Database. You need to apply your local software assurance licenses to Azure SQL Database to realize a discount.

You can apply Hybrid Use Benefit for Azure SQL Database.

☐ Incorrect

☐ Correct

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Q. 51

Your organization uses IaaS and PaaS services in Azure. You need to track resource spending for all resources across resource groups and subscriptions.

Which Azure Resource Manager feature should you use?

☐ Management groups

☐ Taxonomic tags

☐ Resource locks

☐ RBAC

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Q. 52

An organization plans to migrate its data center infrastructure footprint to Azure. The IT administrator has been asked to gain familiarity with Azure Resource Manager (ARM).

Which of the following would you create first in Azure?

- ☐ Virtual machines
- ☐ Resource group
- ☐ Azure subscription
- ☐ Management group

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Q. 53

You manage an Azure resource group named RG-Global for your organization. The corporate billing department asks you for cost and consumption data from RG-Global.

You associate the appropriate taxonomic tags with the RG-Global resource group. What other action is required?

- ☐ Apply the tags at the subscription level.
- ☐ Apply the tags to the enclosed resources individually.
- ☐ Apply the tags at the management group level.
- ☐ No further action is required.

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Q. 54 Correct or Incorrect: If you have never tried or paid for Azure before, you're eligible for an Azure Free account.

- ☐ Incorrect
- ☐ Correct

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Q. 55 Correct or Incorrect: In Azure, inbound data transfers are free.

- ☐ Correct
- ☐ Incorrect

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Q. 56 Correct or Incorrect: You manage your organization's Azure infrastructure and associated budgeting. You need to create a budget and track your Azure spending. For this you can use Azure Cost Management and Billing in the Azure portal.

☐ Incorrect

☐ Correct

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Q. 57 Which of the following is a pricing offer that helps you maximize the value of your existing on-premises Windows Server and/or SQL Server license investment while you're migrating to Azure?

☐ Azure ROI Benefit

☐ Azure TCO Benefit

☐ Azure Cost Benefit

☐ Azure Hybrid Benefit

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Q. 58 Which of the following are valid ways to purchase Azure products and services? Select 2

☐ All of these

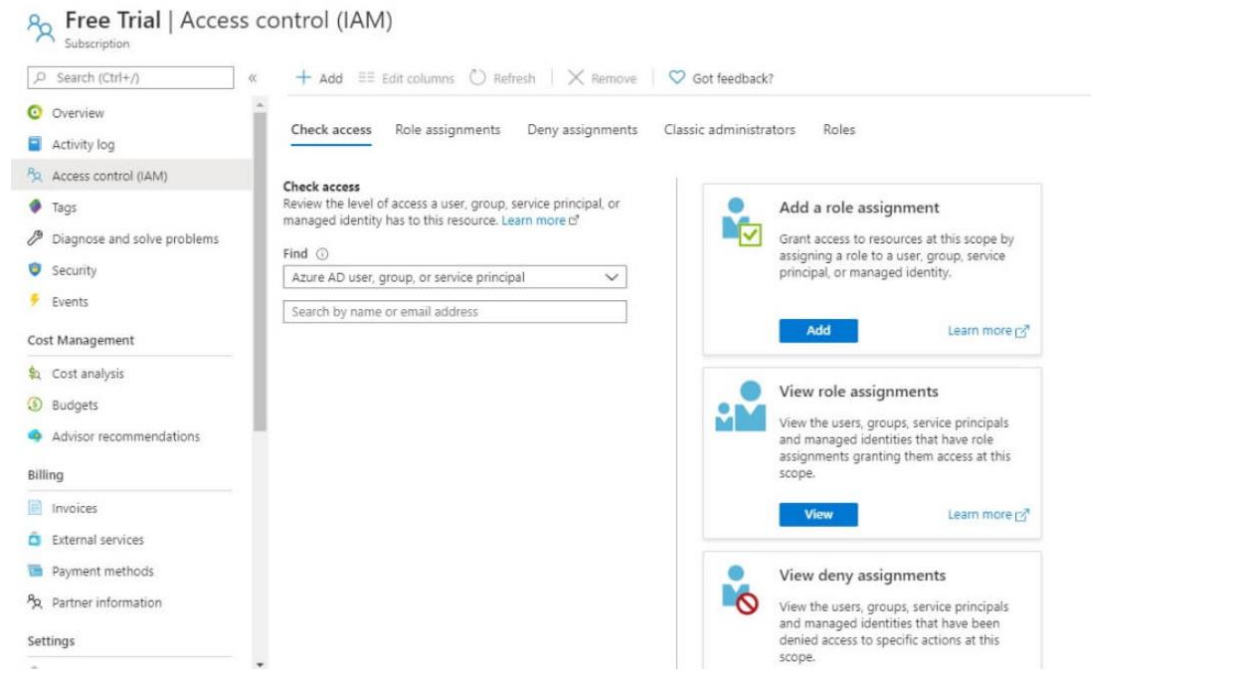
☐ Purchase products and services directly from Microsoft

☐ Purchase products and services from a tier-3 ISP that is not certified with Microsoft

☐ Purchase products and services through a Microsoft Cloud Solution Partner (CSP)

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Q. 59 In the following screen, an administrator is trying to leverage access control to limit access to which Azure service?



☐ Azure Reservations

☐ Azure Advisor

☒ Azure Subscription

☐ Azure VMs

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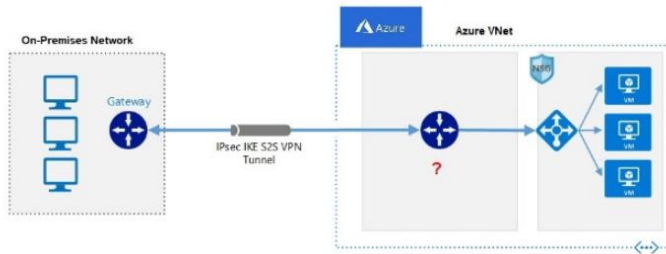
Q. 60 Correct or Incorrect: Azure virtual machine scale sets offer high availability and application resiliency.

☐ Correct

☐ Incorrect

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Q. 61 What is depicted by ? in the following diagram?



- ☐ Azure AI
- ☐ Azure CDN
- ☐ Azure VPN gateway
- ☐ Azure Sentinel

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Q. 62 You plan to deploy a virtual machine running Oracle Database to Azure. You need to minimize deployment time. What should you use to deploy the VM to Azure?

- ☐ VMware vSphere datastore
- ☐ Azure Marketplace
- ☐ Hyper-V repository
- ☐ Your own repository for gold images

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Q. 63 An Azure Availability Zone can be used to protect access to Azure services in case of which type of failure?

- ☐ An Azure data center failure
- ☐ An Azure geography failure
- ☐ An Azure region failure
- ☐ An Azure VM failure

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Q. 64 Your organization plans to migrate its application development to use Docker containers running in Azure. You need to suggest an Azure resource that supports container orchestration and high availability. Which Azure resource should you recommend?

☐ ACV

☐ ACR

☐ AKS

☐ AAD

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Q. 65 Your development team plans to adopt a microservice architecture using Docker containers. You need to recommend an Azure solution that allows developers to centrally store, maintain, and deploy images. What should you use?

☐ ACR

☐ AKS

☐ ACS

☐ ACI

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Q. 66 Your organization operates its line-of-business (LOB) applications hosted on virtual machines (VMs) running in Azure. You want to configure just-in-time VM access in Azure Security Center to protect the VMs against unauthorized access attempts. What should you do first?

☐ Configure Azure Security Center to run at the Standard tier.

☐ View the VMs' secure score in Azure Security Center.

☐ Ensure that the VMs reside on the same virtual network.

☐ Enable guest diagnostics on all VMs.

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Q. 67

A company is planning on upgrading their current Microsoft Azure Free plan to the Basic plan.

Does the Free and Basic Azure AD plan come with the same standard support from Microsoft?

☐ Incorrect

☐ Correct

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Q. 68 Correct or Incorrect: Azure charges for bandwidth used "inbound" to Azure

☐ Incorrect

☐ Correct

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Q. 69 How many subscriptions are allowed per management group?

☐ One

☐ Unlimited

☐ 10

☐ 250 per region

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Q. 70 What makes estimating the cost of an unmanaged storage account difficult?

☐ The cost of storage changes frequently

☐ There is no way to predict the amount of data in the account

☐ You are charged for data coming into Azure, and it's difficult to predict that

☐ You are charged for data leaving Azure, and it's difficult to predict that

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Q. 71 What Azure resource allows you to evenly split traffic coming in and direct it to several identical virtual machines to do the work and respond to the request?

☐ Virtual Network

☐ Load Balancer or Application Gateway

☐ Azure App Services

☐ Azure Logic Apps

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Q. 72 What are the two ways you can get support if you are on a Standard support plan? Choose two.

☐ Whatsapp

☐ Phone call

☐ Skype message

☐ Email

☐ In Person

☐ Chat

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Q. 73 What two types of DDoS protection services does Azure provide? Select two.

☐ Standard

☐ Basic

☐ Advanced

☐ Premium

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Q. 74 If you are a US federal, state, local, or tribal government entities and their solution providers, which Azure option should you be looking to register for?

☐ Azure Government

☐ Azure Public Portal

☐ Azure Department of Defence

☐ Azure is not available for government officials

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Q. 75 What is the new data privacy and information protection regulation that took effect across Europe in May 2018?

☐ ISO 9001:2015

☐ FedRAMP

☐ GDPR

☐ PCI DSS

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Q. 76 Why is Azure App Services considered Platform as a Service?

- ☐ You are responsible for keeping the operating system up to date with the latest patches
- ☐ You give Azure the code and configuration, and you have no access to the underlying hardware
- ☐ You can decide on what type of virtual machine it runs - A-series, or D-series, or even H-series
- ☐ Azure App Services is not PaaS, it's Software as a Service.

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Q. 77 What is the concept of Big Data?

- ☐ A set of Azure services that allow you to use execute code in the cloud but don't require (or even allow) you to manage the underlying server
- ☐ A big data architecture is designed to handle the ingestion, processing, and analysis of data that is too large or complex for traditional database systems.
- ☐ A small sensor or other device that constantly sends it's status and other data to the cloud
- ☐ A form of artificial intelligence (AI) that allows systems to automatically learn and improve from experience without being explicitly programmed.

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Q. 78 What is one way to increase the security of a traditional user id and password system?

- ☐ Require users to change their passwords more frequently.
- ☐ All of These
- ☐ Require longer and more complex passwords.
- ☐ Use multi-factor authentication which requires an additional device (something you have) to verify identity.
- ☐ Do not allow users to log into an application except using a company registered device.

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Q. 79 Which of the following informs you of service outages in Azure?

- ☐ Azure Service Health
- ☐ Azure HDInsights
- ☐ Azure Service Insights
- ☐ Azure IOT Hub

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Q. 80 What does ARM stand for in Azure?

- ☐ Azure Resource Manager
- ☐ Advanced RISC Machine
- ☐ Availability, Reliability, Maintainability
- ☐ Account Resource Manager

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Q. 81 Application Gateway contains what additional optional security feature over a regular Load Balancer?

- ☐ Web Application Firewall (or WAF)
- ☐ Multi-Factor Authentication
- ☐ Advanced DDoS Protection
- ☐ Azure AD Advanced Information Protection

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Q. 82 Where do you go within the Azure Portal to find all of the third-party virtual machine and other offers?

- ☐ Azure mobile app
- ☐ Bing
- ☐ Azure Marketplace
- ☐ Choose an image when creating a VM

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Q. 83 What does it mean if a service is in Public Preview mode?

- ☐ All previews are excluded from Microsoft SLAs and Warranties
- ☐ You have to apply to get selected in order to use that service
- ☐ The service is generally available for use, and Microsoft will provide support for it
- ☐ Anyone can use the service for any reason

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Q. 84 What database service is specifically designed to be extremely fast in responding to requests for small amounts of data (called low latency)?

☐ SQL Database

☐ SQL Server in a VM

☐ SQL Data Warehouse

☐ Cosmos DB

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