Q1)

Public IP addresses support two pricing tiers (SKUs). The Basic tier supports dynamic and static assignment and provides open connectivity (which can be restricted using Network Security Groups).

The Standard tier supports zone-redundant deployments, use static allocation only, and is closed by default (access is enabled using Network Security Groups).

🔘 Incorrect

Explanation:-In Azure Resource Manager, a public IP address is a resource that has its own properties. Some of the resources you can associate a public IP address resource with Virtual machine network interfaces, Internet-facing load balancers, VPN gateways, Application gateways, and Azure Firewall. Refer: https://docs.microsoft.com/en-us/azure/virtual-network/public-ip-addresses

✅ Correct

Q2) State whether the following statement is correct or incorrect -

"User Defined Routes (UDRs) change the default behavior of subnets allowing you to direct outbound traffic to other locations. Typically, traffic is sent through a virtual appliance such as a firewall."

✅ Correct

Explanation:-User Defined Routes (UDRs) change the default behavior of subnets allowing you to direct outbound traffic to other locations. Typically, traffic is sent through a virtual appliance such as a firewall. If a UDR is used to send traffic to a virtual appliance, IP forwarding must be enabled on the NIC of the virtual appliance VM.

🔘 Incorrect

Q3)

You have the Azure virtual machines shown in the following table.

You have a Recovery Services vault that protects VM1 and VM2.

You need to protect VM3 and VM4 by using Recovery Services.

What should you do first?

🔘 Configure the extensions for VM3 and VM4.

✅ Create a new Recovery Services vault.

Explanation:-A Recovery Services vault is a storage entity in Azure that houses data.

The data is typically copies of data, or configuration information for virtual machines(VMs), workloads, servers, or workstations.

You can use Recovery Services vaults to hold backup data for various Azure services.

🔘 Create a storage account.

🔘 Create a new backup policy.

Q4) State whether the following statement is correct or incorrect -

"Public IP addresses can be managed as a standalone resource."

✅ Correct

Explanation:-

Public IP addresses assigned through a public IP address resource enable inbound connectivity to a virtual machine from the Internet.

https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-network-interface-addresses#public

A public IP address is a resource with its own configurable settings.

https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-public-ip-address

Hence, Public IP addresses can be managed as a standalone resource, which can be associated with a network interface IP configuration.

🔘 Incorrect

Q5)

Suppose you have a script that creates several VMs with different images.

When the script issues the command to create the first VM you do not want to block the script while the VM is created, instead you want the script to immediately move on to the next command.

What is the best way to do this?

✅ Add the '--no-wait' argument to your create command.

Explanation:-Adding '--no-wait' will cause 'azure VM create' to return immediately without waiting for the VM to actually be created.

🔘 Use the ampersand (&) to run the process in the background.

🔘 Add the '--async' argument to your create command.

Q6) Which of the following is a good analogy for the access keys of a storage account?

✅ Username and password

Explanation:-Possession of an access key identifies the account and grants you access. This is very similar to login credentials like a username and password. Your storage account access keys are similar to a root password for your storage account. Always be careful to protect your access keys. Use Azure Key Vault to manage and rotate your keys securely. Avoid distributing access keys to other users, hard-coding them, or saving them anywhere in plain text that is accessible to others. Rotate your keys if you believe they may have been compromised. Refer: https://docs.microsoft.com/en-us/azure/storage/common/storage-account-keys-manage?tabs=azure-portal

- ⚪ REST Endpoint
- ⚪ IP Address
- ⚪ Cryptographic algorithm

Q7)

You are working on a project with a third party vendor to build a website for a customer.

The image assets that will be used on the website are stored in an Azure Storage account that is held in your subscription.

You want to give read access to this data for a limited period of time.

What security option would be best suited in this case?

- ⚪ CORS Support
- ⚪ Storage Account
- ✅ Shared Access Signatures

Explanation:-Grant limited access to Azure Storage resources using shared access signatures (SAS). A shared access signature (SAS) provides secure delegated access to resources in your storage account without compromising the security of your data. With a SAS, you have granular control over how a client can access your data. You can control what resources the client may access, what permissions they have on those resources, and how long the SAS is valid, among other parameters. Refer: https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview

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Q8) When configuring network access to your Azure Storage Account, what is the default network rule?

- ⚪ To deny all connections from all networks
- ⚪ To allow all connection from a private IP address range
- ✅ To allow all connections from all networks

Q9) Which Azure service detects anomalies in account activities and notifies you of potential harmful attempts to access your account?

- ⚪ Encryption in transit
- ⚪ Azure Storage Account Security Feature
- ✅ Advanced Threat Protection

Explanation:-Advanced Threat Protection for Azure Storage detects anomalous activities indicating unusual and potentially harmful attempts to access or exploit storage accounts. The introduction of this feature helps customers detect and respond to potential threats on their storage account as they occur. Refer: https://azure.microsoft.com/is-is/blog/advanced-threat-protection-for-azure-storage-now-in-public-preview

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Q10) State whether the following statement is correct or incorrect -

"For security reasons, you must use an image from the official Azure Marketplace when creating a new virtual machine."

- ⚪ Correct
- ✅ Incorrect

Explanation:-If you detect a security vulnerability in your own published image, Security, Follow industry guidelines to secure the VM image for the specific Linux distribution. Deployment, Create a single root partition for the OS disk. The VHD used for the source of any image based on Windows Server must be from the Windows Server OS images provided through Microsoft Azure. Refer: https://docs.microsoft.com/en-us/azure/security/fundamentals/azure-marketplace-images

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Q11) What is the effect of the default network security settings for a new virtual machine?

- ⚪ There are no restrictions: all outbound and inbound requests are allowed.
- ✅ Outbound request are allowed. Inbound traffic is only allowed from within the virtual network.

Explanation:-Network security groups are processed after Azure translates a public IP address to a private IP address for inbound traffic. Also Network security groups are processed after Azure translates a public IP address to a private IP address for inbound traffic, and before Azure translates a private IP address to a public IP address for outbound traffic. Refer: https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

- ⚪ Neither outbound nor inbound requests are allowed.

Q12)

Suppose you have several Linux virtual machines hosted in Azure.

You will administer these VMs remotely over SSH from three dedicated machines in your corporate headquarters.

Which of the following authentication methods would typically be considered best-practice for this situation?

- ⚪ Username and password
- ⚪ Private key
- ✅ Private key with passphrase

Explanation:-Private key passphrase - The SSH private key should have a very secure passphrase to safeguard it. This passphrase is just to access the private SSH key file and is not the user account password. Refer: https://docs.microsoft.com/en-us/azure/virtual-machines/linux/create-ssh-keys-detailed

Q13) When creating a Windows virtual machine in Azure, which port would you open using the INBOUND PORT RULES in order to allow remote-desktop access?

- ⦿ HTTPS
- ⦿ SSH (22)
- ✅ RDP (3389)

Explanation:-In Inbound port rules, check whether the port for RDP is set correctly. The following is an example of the configuration -

Priority: 300
Name: Port_3389
Port(Destination): 3389
Protocol: TCP
Source: Any
Destinations: Any
Action: Allow

Refer: https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-nsg-problem

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Q14)

Suppose you have an application running on a Windows virtual machine in Azure.

What is the best-practice guidance on where the app should store data files?

- ⦿ The OS disk (C:)
- ⦿ The Temporary disk (D:)
- ✅ An attached data disk

Explanation:-A data disk is a managed disk that's attached to a virtual machine to store application data, or other data you need to keep. Data disks are registered as SCSI drives and are labeled with a letter that you choose. Each data disk has a maximum capacity of 32,767 gibibytes (GiB). The size of the virtual machine determines how many data disks you can attach to it and the type of storage you can use to host the disks. Refer: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/managed-disks-overview

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Q15) What is the final rule that is applied in every Network Security Group (NSG)?

- ✅ Deny All

Explanation:-You can use Azure network security group to filter network traffic to and from Azure resources in an Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port, and protocol. Refer: https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

- ⦿ Allow All
- ⦿ You configure the final rule to your needs

Q16)

Suppose you're an administrator of several Azure virtual machines.

You get a text message indicating some problems with your VMs. You are at a friend's house and only have your tablet with you.

State whether the following statement is Correct or Incorrect -

"You will still be able to access the Azure CLI using the tablet, even though you can't install the CLI on it."

- ✅ Correct

Explanation:-For Windows, the Azure CLI is installed via a MSI, which gives you access to the CLI through the Windows Command Prompt (CMD) or PowerShell. When installing for Windows Subsystem for Linux (WSL), packages are available for your Linux distribution. Reference: https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest&tabs=azure-cli

For the macOS platform, you can install the Azure CLI with homebrew package manager. Homebrew makes it easy to keep your installation of the CLI update to date. The CLI package has been tested on macOS versions 10.9 and later. Refer: https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-macos?view=azure-cli-latest

- ⦿ Incorrect

Q17)

You can use either the REST API or the Azure client library to programmatically access a storage account.

What is the primary advantage of using the client library?

- ⦿ Localization
- ⦿ Availability
- ⦿ Cost
- ✅ Convenience

Q18)

Most Azure commands return JSON by default.

Sometimes this data set can be very large which makes it difficult to read and tricky to use the result of one command as input to another command.

What can you use with Azure CLI to filter the results to get only the data that you need?

- You can use the '--filter' argument.
- You can pipe the results to a JSON parsing utility and use filtering capability there.
- ✅ You can use the '--query' argument.

Explanation:-The Azure CLI uses the --query argument to execute a JMESPath query on the results of commands. JMESPath is a query language for JSON, giving you the ability to select and modify data from CLI output. Queries are executed on the JSON output before any display formatting. The --query argument is supported by all commands in the Azure CLI. This article covers how to use the features of JMESPath with a series of small, simple examples. Refer: https://docs.microsoft.com/en-us/cli/azure/query-azure-cli?view=azure-cli-latest

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Q19) Which of the following protocols provides dynamic routing for Azure ExpressRoute?

✅ Border Gateway Protocol (BGP)

Explanation:-Microsoft uses BGP, an industry standard dynamic routing protocol, to exchange routes between your on-premises network, your instances in Azure, and Microsoft public addresses. Refer: https://docs.microsoft.com/en-us/azure/expressroute/expressroute-introduction

- IPsec
- PPTP
- IPVPN
- S-key

Q20) State whether the following statement is correct or incorrect -

"Azure public peering allows you to connect to services with public IP addresses without your traffic being routed over the internet."

✅ Correct

Explanation:-Public Peering is a unidirectional service using which Connectivity is always initiated from your WAN to Microsoft Azure services. Microsoft Azure services will not be able to initiate connections into your network through this routing domain. Once public peering is enabled, you can connect to all Azure services. Refer: https://docs.microsoft.com/en-us/azure/expressroute/how-to-move-peering

- Incorrect

Q21)

Say you want to create a reusable template that uses the Custom Script Extension to configure web content on a VM.

What is the best way to enable deployments to specify the script that configures web content?

- Provide a variable that specifies the script location.
- Provide a default script location in your template and then use a nested template to override that location.
- ✅ Provide a parameter that specifies the script location.

Explanation:-Refer: https://docs.microsoft.com/en-us/iis/publish/using-web-deploy/powershell-scripts-for-automating-web-deploy-setup

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Q22) Which caching option is a good choice for write-heavy operations such as storing log files?

- Read/write
- Read-only
- ✅ None

Q23) For which type of disk does Azure restart the VM in order to change caching type?

✅ Operating system (OS)

Explanation:-Every virtual machine has one attached operating system disk. That OS disk has a pre-installed OS, which was selected when the VM was created. This disk contains the boot volume. This disk has a maximum capacity of 2,048 GiB. The partition type that Azure supports for an operating system disk is the master boot record (MBR). The MBR format supports a disk size up to 2 TiB. The largest size that Azure supports for an operating system disk is 2 TiB. Azure supports up to 32 TiB for managed data disks.

- Data
- Temporary
- Zone-redundant storage (ZRS)

Q24)

Suppose you are using Azure PowerShell to manage a VM.

You have a local object that represents the VM and you've made several updates to that local object.

Which PowerShell cmdlet would you use to apply those local changes to the actual VM?

✅ Update-AzVM

Explanation:-Update-AzVM is used to Updates the state of an Azure virtual machine. The Update-AzVM cmdlet updates the state of an Azure virtual machine to the state of a virtual machine object. Refer: https://docs.microsoft.com/en-us/powershell/module/az.compute/update-azvm?view=azps-4.3.0

- Set-AzVM
- New-AzVM

Q25) State whether the following statement is correct or incorrect -

"If you enable Azure Disk Encryption (ADE) on a Windows VM, it will use DM-Crypt to encrypt the data on your Virtual Hard Disks."

- Correct

✅ Incorrect

Explanation:-Azure Disk Encryption helps protect and safeguard your data to meet your organizational security and compliance commitments. It uses the Bitlocker feature of Windows to provide volume encryption for the OS and data disks of Azure virtual machines (VMs), and is integrated with Azure Key Vault to help you control and manage the disk encryption keys and secrets. If you use Azure Security Center, you're alerted if you have VMs that aren't encrypted. The alerts show as High Severity and the recommendation is to encrypt these VMs. Refer: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-overview

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Q26) State whether the following statement is correct or incorrect -

"When using Azure Key Vault to secure keys used for Azure Disk Encryption (ADE), you must ensure the Azure Key Vault access policies are configured to permit at least one security principal."

⚪ Correct

✅ Incorrect

Explanation:-Azure Key Vault is a cloud service that safeguards encryption keys and secrets like certificates, connection strings, and passwords. Because this data is sensitive and business critical, you need to secure access to your key vaults by allowing only authorized applications and users. This article provides an overview of the Key Vault access model. It explains authentication and authorization, and describes how to secure access to your key vaults.

To grant an application access to use keys in a key vault, you grant data plane access by using a Key Vault access policy. To grant a user read access to Key Vault properties and tags, but not access to data (keys, secrets, or certificates), you grant management plane access with RBAC.

Refer: https://docs.microsoft.com/en-us/azure/key-vault/general/secure-your-key-vault

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Q27)

Suppose you create a new VM with a single OS disk and a single data disk.

You use all the default options when creating the VM and you have no Azure Key Vault anywhere in your subscription.

Which option most accurately describes the encryption state of those disks?

⚪ The OS disk is encrypted using Storage Service Encryption (SSE). The data disk is unencrypted.

⚪ Both disks are unencrypted.

✅ Both disks are encrypted using Storage Service Encryption.

Explanation:-All disks are encrypted using SSE by default. With SSE, Azure manages the keys and automatically decrypts data for any read operations without impact on performance.

Q28) State whether the following statement is correct or incorrect -

"Resource Manager templates are JSON files"

✅ Correct

Explanation:- To implement infrastructure as code for your Azure solutions, use Azure Resource Manager (ARM) templates. The template is a JavaScript Object Notation (JSON) file that defines the infrastructure and configuration for your project. Refer: https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/overview

⚪ Incorrect

Q29) State whether the following statement is correct or incorrect -

"Tags can be applied to any type of resource on Azure."

✅ The statement is Correct

Explanation:-You apply tags to your Azure resources, resource groups, and subscriptions to logically organize them into a taxonomy. Each tag consists of a name and a value pair. For example, you can apply the name "Environment" and the value "Production" to all the resources in production. Refer: https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-resources

⚪ The statement is Incorrect

Q30) Which of the following is not a feature of resource groups?

✅ Resource groups can be nested.

Explanation:-No. Resource groups can't be nested inside resource groups. What's possible is to link resources from other resource groups within a resource group. A resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. Refer - https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/deploy-to-resource-group?tabs=azure-cli and https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/manage-resource-groups-portal

⚪ Resources can be moved from one resource group to another resource group.

⚪ Resources can be in only one resource group.

⚪ Role-based access control can be applied to the resource group.

Q31) Which of the following might be a good usage of tags?

✅ All of these are good ways to use tags

Explanation:-Refer: https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-resources

⚪ Using tags to store environment and department association

⚪ Using tags in conjunction with Azure Automation to schedule maintenance windows

⚪ Using tags to associate a cost center with resources for internal chargeback

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Q32) Which of the following would be the most efficient way to ensure a naming convention was followed across your

subscription?

○ Give all other users except for yourself read-only access to the subscription. Have all requests to create resources sent to you so you can review the names being assigned to resources, and then create them.

○ Send out an email with the details of your naming conventions and hope it is followed

✅ Create a policy with your naming requirements and assign it to the scope of your subscription

Explanation:-Azure Policy is a service in Azure, that you use to create, assign and, Once your business rules have been formed, the policy definition or such as management groups, subscriptions, resource groups, or individual resources. The assignment applies to all resources within the scope of that assignment. Refer: https://docs.microsoft.com/en-us/azure/governance/policy/overview

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Q33) Which of the following would be good to put a resource lock on?

○ A storage account used to temporarily store images processed in a development environment

○ A non-production virtual machine used to test occasional application builds

✅ An ExpressRoute circuit with connectivity back to your on-premises network

Explanation:-Each of the departments within the organization can use their own subscription for deploying their services, but they can share a single ExpressRoute circuit to connect back to your on-premises network. A single department (in this example: IT) can own the ExpressRoute circuit. Therefore, it is good to put a resource lock on ExpressRoute circuit with connectivity back to your on-premises network. Refer: https://docs.microsoft.com/en-us/azure/expressroute/expressroute-howto-linkvnet-portal-resource-manager

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Q34) State whether the following statement is correct or incorrect -

"You can download published audit reports and other compliance-related information related to Microsoft's cloud service from the Service Trust Portal"

✅ Correct

Explanation:-Service Trust Portal reports and documents are available to download for at least 12 months after publishing or until a new version of document becomes available. The Service Trust Portal contains details about Microsoft's implementation of controls and processes that protect our cloud services and the customer data therein. To access some of the resources on the Service Trust Portal, you must log in as an authenticated user with your Microsoft cloud services account (either an Azure Active Directory organization account or a Microsoft Account) and review and accept the Microsoft Non-Disclosure Agreement for Compliance Materials. Refer: https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal?view=o365-worldwide

○ Incorrect

Q35) Which Azure service allows you to configure fine-grained access management for Azure resources, enabling you to grant users only the rights they need to perform their jobs?

✅ Role-based Access Control

Explanation:-Azure RBAC documentation. Azure role-based access control (Azure RBAC) is a system that provides fine-grained access management of Azure resources. Using Azure RBAC, you can segregate duties within your team and grant only the amount of access to users that they need to perform their jobs. Refer: https://docs.microsoft.com/en-us/azure/role-based-access-control

○ Initiatives

○ Policy

○ Locks

Q36) Which Azure service allows you to create, assign, and, manage policies to enforce different rules and effects over your resources and stay compliant with your corporate standards and service-level agreements (SLAs)?

○ Azure Security Center

○ Azure Blueprints

✅ Azure Policy

Explanation:- Azure Policy is a service in Azure, that you use to create, assign and, manage Azure Policy helps to enforce organizational standards and to assess compliance at-scale. It also helps to bring your resources to compliance through bulk Effects are set in the policy rule portion of the policy definition. Refer: https://docs.microsoft.com/en-us/azure/governance/policy/overview

○ Role-based Access Control

Q37) Suppose you want to run a network appliance on a virtual machine. Which workload option should you choose?

○ Memory optimized

✅ Compute optimized

Explanation:-A network virtual appliance (NVA) is a virtual appliance primarily focused on network functions virtualization. A typical network virtual appliance involves various layers four to seven functions like firewall, WAN optimizer, application delivery controllers, routers, load balancers, IDS/IPS, proxies, SD-WAN edge, and more. While the public cloud may provide some of these functionalities natively, it is quite common to see customers deploying network virtual appliances from independent software vendors (ISV). These capabilities in the public cloud enable hybrid solutions and are generally available through the Azure Marketplace.

The term workload is typically defined as an arbitrary unit of functionality, such as an application or service. It helps to think about a workload in terms of the code artifacts that are deployed to a server, and also other services specific to an application.

Azure accelerated networking support: Consider a virtual appliance that is available on one of the supported VM types with Azure's accelerated networking capability. Accelerated networking enables single root I/O virtualization (SR-IOV) to a VM, greatly improving its networking performance. This high-performance path bypasses the host from the datapath, reducing latency, jitter, and CPU utilization for use with the most demanding network workloads on supported VM types. Accelerated networking is supported on most general purpose and compute-optimized instance sizes with two or more vCPUs.

Refer: https://azure.microsoft.com/en-us/blog/best-practices-to-consider-before-deploying-a-network-virtual-appliance/

○ General purpose

○ Storage optimized

Q38) Where can you obtain details about the personal data Microsoft processes, how Microsoft processes it, and for what purposes?

- ⚪ Azure Service Health
- ⚪ Compliance Manager
- ✅ Microsoft Privacy Statement

Explanation:-The Microsoft Privacy Statement explains what personal data Microsoft collects and how the company uses it. Our time-tested approach to privacy is grounded in our commitment to give you control over the collection, use, and distribution of your customer data. We are transparent about the specific policies, operational practices, and technologies that help ensure the privacy of your data in Microsoft business cloud services. Refer: https://privacy.microsoft.com/en-us/privacystatement

- ⚪ Trust Center

Q39)

Suppose you have an existing application running locally on your own server.

You need additional capacity but prefer to move to Azure instead of buying upgraded on-premises hardware.

Which compute option would likely give you the quickest route to getting your application running in Azure?

- ✅ Virtual machines

Explanation:-Azure Virtual Machines are image service instances that provide on-demand and scalable computing resources with usage-based pricing. More broadly, a virtual machine behaves like a server: it is a computer within a computer that provides the user the same experience they would have on the host operating system itself. Refer: https://azure.microsoft.com/en-in/services/virtual-machines/

- ⚪ Containers
- ⚪ Serverless computing

Q40)

Imagine that you work on a photo-sharing application that runs on millions of mobile devices.

Demand is unpredictable because you see a spike in usage whenever a locally or nationally significant event occurs.

Which Azure compute resource is the best match for this workload?

- ✅ Serverless computing

Explanation:-Serverless computing enables developers to build applications faster by eliminating the need for them to manage infrastructure. With serverless applications, the cloud service provider automatically provisions, scales and manages the infrastructure required to run the code. Refer: https://azure.microsoft.com/en-in/overview/serverless-computing/

- ⚪ Containers
- ⚪ Virtual machines

Q41)

The compute options give you different levels of control over the configuration of the environment in which your application runs.

Which of the following lists the compute options in order of your control from "most control" to "least control"?

- ✅ Virtual machines, containers, serverless computing

Explanation:-Refer: https://azure.microsoft.com/en-us/blog/maintenance-control-for-platform-updates/

- ⚪ Containers, serverless computing, virtual machines
- ⚪ Serverless computing, containers, virtual machines

Q42) Once an Azure Batch account has been created, what is the next step to take in the workflow of setting up tasks to run on Azure Batch?

- ⚪ Create a pool of virtual nodes
- ⚪ Sign in to the Batch account

Explanation:-Refer: https://docs.microsoft.com/en-us/azure/batch/batch-account-create-portal

- ✅ Create a Batch job

Q43) Which component of Azure Batch allows tasks to be logically grouped together and have settings in common configured?

- ✅ Azure Batch job

Explanation:-Azure Batch Service is a cloud based job scheduling and compute management platform that enables running large-scale parallel and high performance computing applications efficiently in the cloud. Azure Batch Service provides job scheduling and in automatically scaling and managing virtual machines running those jobs. Refer: https://docs.microsoft.com/en-us/azure/batch/

- ⚪ Azure Batch pool
- ⚪ Azure Batch account

Q44)

Suppose you have two video files stored as blobs. One of the videos is business-critical and requires a replication policy that creates multiple copies across geographically diverse datacenters.

The other video is non-critical, and a local replication policy is sufficient.

State whether the following statement is correct or incorrect in this case -

"To satisfy these constraints, the two blobs will need to be in separate storage accounts."

✅ Correct

Explanation:-Blob storage is designed for:

Serving images or documents directly to a browser.

Storing files for distributed access.

Streaming video and audio.

Writing to log files.

Storing data for backup and restore, disaster recovery, and archiving.

Storing data for analysis by an on-premises or Azure-hosted service.

⬤ Incorrect

Q45) The name of a storage account must be _____.

⬤ Unique within the containing resource group.
⬤ Unique within your Azure subscription.
✅ Globally unique.
Explanation:-When naming your storage account, keep these rules in mind:

Storage account names must be between 3 and 24 characters in length and may contain numbers and lowercase letters only.

Your storage account name must be unique within Azure. No two storage accounts can have the same name.

Q46) In a typical project, when would you create your storage account(s)?

✅ At the beginning, during project setup.
Explanation:-Storage accounts are stable for the lifetime of a project. It's common to create them at the start of a project.
⬤ After deployment, when the project is running.
⬤ At the end, during resource cleanup.

Q47) How many access keys are provided for accessing your Azure storage account?

✅ 2
Explanation:-Two access keys are assigned so that you can rotate your keys. Having two keys ensures that your application maintains access to Azure Storage throughout the process. Regenerating your access keys can affect any applications or Azure services that are dependent on the storage account key. Refer: https://docs.microsoft.com/en-us/azure/storage/common/storage-account-keys-manage
⬤ 1
⬤ 3
⬤ 4