**AZ-900 Practice Exam Questions**

1. You are the systems administrator for Highlander Cutlery, Inc. Your company has an on-premises network that contains multiple servers. As part of a headcount reduction, the company plans to reduce the following administrative responsibilities of network administrators. Backing up application data. Replacing failed server hardware. Managing physical server security. Updating server operating systems. Managing permissions to shared documents. The company plans to migrate several servers to Azure virtual machines. Which administrative responsibilities will be reduced after the planned migration?

(Choose 2)

1. Managing physical server security
2. Replacing failed server hardware
3. Updating server operating systems
4. Backing up application data
5. Managing permissions to shared documents

Answer:- A,

1. Which of the following statements about SaaS cloud services is correct?
2. The client has complete control over the application.
3. Applications must be accessed from a secure network (aka VPN)
4. The client is responsible for purchasing all client software.
5. The cloud service provider is responsible for all application upgrades.

Answer:-D

1. You are migrating your on-premises Microsoft Exchange email system to Office 365. What kind of cloud service would this be considered?
2. Software-as-a-Service (SaaS)
3. Platform-as-a-Service (PaaS)
4. Infrastructure-as-a-Service (IaaS)
5. Serverless

Answer:-A

1. What should you use to evaluate whether your company's Azure environment meets regulatory requirements?

(Choose 2)

1. Knowledge Center
2. Compliance Manager
3. Azure Security Center
4. Azure Advisor

Answer:-B, C

1. You need an Azure support plan with the overall fastest possible response time. Which support plan meets this requirement?
2. Professional Direct
3. Developer
4. Standard
5. Free

Answer:-A

1. You need to protect emails, documents and important data that will be shared outside your company. What Azure service should you use?
2. Azure Information Protection.
3. Azure Pipelines.
4. Azure Artifacts.
5. Azure Data Box.

Answer:-A

1. Which statement best describes a Hybrid Cloud architecture?
2. Does not require any on-premise hardware
3. Utilizes services of both Public and Private Clouds
4. Cannot be used with Microsoft Azure
5. Special use case for secure Government workloads

Answer:-B

1. You have an on-premises application that processes incoming Simple Message Submission Service (SMSS) queue messages and records the data to a log file. You migrate this application to an Azure function app. What kind of cloud service would this be considered?
2. Serverless
3. Infrastructure-as-a-Service (IaaS)
4. Platform-as-a-Service (PaaS)
5. Software-as-a-Service (SaaS)

Answer:-A

1. You are planning on purchasing Azure AD Premium for your Azure subscription. What is the SLA for this product?
2. 99.95%
3. 99.90%
4. Azure AD products are not covered under an SLA.
5. 99.99%

Answer:-D

1. To access the Azure Cloud Shell (>\_), what do you need to do?
2. Type Open Cloud Shell in the Azure Portal search bar.
3. Select the icon (>\_) in the top menu of the Azure Portal.
4. The Cloud Shell is not accessible from the Azure Portal.
5. Select the icon (>\_) in the list on the left menu of the Azure Portal.

Answer:-B

1. Which types of customers are eligible to use Azure Government to develop a cloud solution?

(Choose 3)

1. United States government entity
2. European government entity
3. European government contractor
4. Alabama Coushatta Tribe of Texas
5. United States government contractor

Answer:-A, D, E

1. You want to get started in Artificial Intelligence on Azure using a visual workspace. Which service should you use?
2. Azure Cognitive Services.
3. Azure Machine Learning Studio.
4. Azure Machine Learning service.
5. Microsoft Machine Learning Server.

Answer:-B

1. You attempt to create several managed disks in your Azure environment. In the Portal, you receive a message that you must increase your Azure subscription limits. What should you do to increase the limits?
2. Use Azure PowerShell to create the new managed disks.
3. Modify an Azure policy.
4. Upgrade your support plan.
5. Create a new support request.

Answer:-D

1. Which Azure service can host your web apps without you having to manage underlying infrastructure?
2. Azure WebJobs
3. Azure App Service
4. Application Insights
5. Azure DataBricks

Answer:-B

1. You have a need to create a new IoT solution quickly with minimal setup and development time. Which Azure product or solution can best help with these requirements?
2. A combination of Azure Edge for IoT combined with a CDN and Cosmos DB will meet the requirements.
3. Azure Event Grid is perfect for connecting millions of devices with a backend.
4. Azure IoT Hub provides a managed and secure backend for millions of IoT devices.
5. Azure IoT Central is a Software-as-a-Service solution that can help ease the costs and effort of developing a whole IoT solution from scratch.

Answer:-D

1. Your security team is hesitant to permit access to the Azure Public Cloud - to help reassure them of the compliance certifications awarded to Azure what service can you direct them to?
2. Gartner Magic Quadrant Reports
3. Azure Active Directory Audit Logs
4. Service Trust Portal
5. Azure Monitor

Answer:-C

1. Which of the following statements best describes a Network Security Group?
2. Network Security Groups are groups of devices within a subnet that perform security functions.
3. Network Security Groups contain inbound and outbound security rules enabling traffic to be filtered.
4. Network Security Groups are established connections between your network and Azure.
5. Network Security Groups are another name for peered virtual networks, allowing secure communication between resources.

Answer:-B

1. Your company, A Llama Guru, is becoming increasingly popular (why wouldn't it be?). You have to add more virtual machines to run your web facing application. What is the best way to ensure that traffic is distributed and that all virtual machines are being used optimally?
2. Use a VPN Gateway to route secure and insecure requests to the appropriate virtual machine in your backend pool.
3. Use an Azure Application Gateway to recognize the application requested and guide the traffic to the appropriate machine.
4. Create a pool of identical virtual machines that can all take an equal share of the incoming requests.
5. Use Azure Load Balancer to distribute the inbound flow of internet traffic to a backend pool of virtual machines.

Answer:-D

1. You have been asked to migrate a Windows-based legacy on-premise application to Azure with the minimal effort possible, which compute service should you choose?
2. Virtual Machines
3. Blob Storage
4. Containers
5. Serverless

Answer:-A

1. You are looking to restrict internet traffic to a Windows virtual machine - what Azure functionality would you choose to accomplish this?
2. Public IP Address
3. Network Security Groups
4. Resource Group
5. Redis

Answer:-B

1. Which of the following Azure solutions allows you to geographically cache and distribute high-bandwidth content, such as streaming videos, to users in different parts of the world?
2. Content Delivery Network (CDN)
3. Load Balancer
4. Virtual Network Gateway
5. Application Gateway

Answer:-A

1. Which of the following services would be considered Software-as-a-Service (SaaS)? (Choose 2)
2. Office 365
3. Virtual Machines
4. Kubernetes
5. Azure Active Directory

Answer:-A, D

1. You are the system administrator for T-Bones Restaurant Group, Inc. You currently have an on-premises data center that consists of 50 Windows servers running IIS and SQL Server. IT management has dictated that all systems should be moved to Azure in the coming year. They also state that only platform-as-a-service (PaaS) solutions should be implemented. Which of the following meet these requirements?

(Choose 2)

1. Azure Virtual Network
2. Azure App Service
3. Azure Virtual Machines
4. Azure SQL Database

Answer:- B, D

1. What do you use to make sure that users of your application are who they say they are?
2. Authentication
3. Azure Subscriptions.
4. Azure Regions.
5. Authorization
6. Azure Active Directory.

Answer:-A

1. Which of the following statements are true for IaaS cloud services?

(Choose 2)

1. Services can be scaled automatically to support system load.
2. The client is responsible for all guest VM OS and application updates.
3. The client is responsible for purchasing all Operating System (OS) host licensing.
4. The client has complete control over the hardware hosting the VM.

Answer:-A, B

1. Define the concept of "dynamic elasticity."
2. The ability of a cloud service to be accessed quickly from any location via the internet.
3. A cloud service that responds quickly when demand increases and scales down when demand decreases.
4. A cloud service that responds quickly when demand increases and needs to be manually scaled-down when demand decreases.
5. A cloud service that remains available after a failure occurs.

Answer:-B

1. Which of the following database solutions has the ability to add data concurrently from multiple regions simultaneously?
2. Azure SQL Databases
3. SQL managed instances
4. Cosmos DB
5. SQL Data Warehouses

Answer:-C

1. What is the aim of using Azure Functions in a serverless architecture on Azure?
2. Be into the latest and greatest. All the cool kids are doing serverless.
3. To get rid of virtual machines, as they are slow and costly.
4. Improve performance and splitting up data processing into many smaller parts.
5. To have each function do a single task, which enables high performance and separation of application responsibilities.

Answer:-D

1. How is authorization different from authentication?
2. Authorization is validating the IP address you are using has access to the application.
3. Authentication is the process of proving that you are who you say you are. Authorization is the act of granting an authenticated party permission to do something.
4. There is no difference.
5. Authorization is verifying that you are who you say you are. Authentication is granting access to features, sections, applications and more, once you have authenticated.

Answer:-B

1. Which of the following components can be used to load balance traffic to web applications, such as Azure App Service web apps using layer 7 of the OSI model?
2. Virtual Network Gateway
3. Application Gateway
4. Load Balancer
5. Virtual Network
6. Route table

Answer:-B

1. You need to create a network drive in Azure Storage. The drive needs to be accessible from several computers that run Windows 8.1. What storage solution should you create?
2. A virtual machine data disk
3. A Blob service in a storage account
4. A File service in a storage account
5. A Queue service in a storage account

Answer:-C

1. What are some of the main aims of collecting and processing Big Data?

(Choose 3)

1. Cost reduction of data storage.
2. Compliance with the current data usage regulations.
3. Finding new algorithms to make the data commercial and derive value from it.
4. Speed and efficiency of analytics.
5. More robust use of the data.
6. Faster and better decision making.

Answer:-A, D, F

1. What does Azure Information Protection do?
2. Allows you to centrally create and log application and network connectivity policies.
3. Provides the ability to securely share sensitive data with others.
4. Safeguards and allows control over keys and secrets.
5. Provides a managed service for hardware security modules in the cloud.

Answer:- B

1. Your company plans to move several servers to Azure. The company's compliance policy states a server named HRServer1 must be in a separate physical location from all other servers. Which Azure services can be used to meet the compliance policy requirements?
2. One Azure region for HRServer1 and another Azure region for all other servers
3. A virtual network for HRServer1 and another virtual network for all other servers
4. One resource group for HRServer1 and another resource group for all other servers
5. A virtual network subnet for HRServer1 and a separate network subnet for all other servers

Answer:- A

1. You are in the early stages of building your AI World Domination application. Which is the best Azure tool for managing your models, projects, data sets and more for the application?
2. PyTorch for Azure ML.
3. Azure Machine Learning Studio.
4. Azure Machine Learning.
5. Azure Data Lake Analytics.

Answer:-C

1. Which of the following is the organization that defines international standards across all industries?
2. GDPR
3. ITIL
4. NIST
5. ISO

Answer:- D

1. Your company is migrating an internal web application to the cloud. The application requires specific configuration changes within the Operating System. Which of the following cloud deployment solutions would be most suitable?
2. Software as a Service (SaaS)
3. Function as a Service (FaaS)
4. Platform as a Service (PaaS)
5. Infrastructure as a Service (IaaS)

Asnwer:- D

1. Which of the following are benefits of Azure geographies?

(Choose 3)

1. Azure has geographies throughout the world
2. They are fault tolerant and can often withstand complete region failure
3. Any Azure geography can be used by anyone
4. Data residency is honored within the geographical boundary

Answer:-A, B, D

1. You currently have a Basic level of support agreement with Microsoft, but your CTO has requested the company has access to an Pro Active Guidance support from a Pro Direct delivery manager.

What is the minimal level of support contract that your company needs to achieve this?

1. Standard
2. Basic
3. Professional Direct
4. Developer

Answer:-C

1. Which of the following is true in relation to Azure Management Groups?
2. Management Groups allow you to easily create fully compliant environments and manage them.
3. Management Groups allow you to implement policy-based management for all Azure services.
4. Management Groups allow you to create custom dashboards to view and analyse your cloud usage.
5. Management Groups allow you to apply policies with flexible hierarchies to multiple subscriptions.

Answer:-D

1. Which Azure Support Plans offer 24x7 access to technical support engineers?

(Choose 2)

1. Standard
2. Developer
3. Basic
4. Professional Direct

Answer:- A, D

1. Which of the following are Platform-as-a-Service (PaaS) database offerings on Azure?

(Choose 2)

1. SQL Server in Azure VM
2. Cosmos DB
3. Azure MySQL Database Platform
4. Azure SQL Database
5. SQL Server Private Cloud

Answer:- B, D

1. Which of the following Azure offerings provide a platform for serverless computing?

(Choose 2)

1. Azure App Service
2. Azure WebJobs
3. Azure Service Bus
4. Azure Functions

Answer:- A, D

1. What tool provides cost information and would help to identify underutilized and idle Azure resources in order to help reduce overall spending?
2. Azure Fundamentals
3. Azure Monitor
4. Application Insights
5. Azure Advisor

Answer:- D

1. Microsoft Office 365 is an example of which cloud deployment model?
2. CASB
3. PaaS
4. SaaS
5. IaaS

Answer:- C

1. Which of the following components are required to establish communication between on-premises resources and resources in Azure?

(Choose 2)

1. Virtual Network
2. VNet peer
3. Route tables
4. Virtual network gateway

Answer:- A, D

1. Which Azure tool allows you to view which user turned off a specific virtual machine during the last 14 days?
2. Azure Event Hubs
3. Azure Monitor
4. Azure Activity Log
5. Azure Service Health

Answer:- C

1. You have a virtual machine that is highly sensitive and requires complete isolation from any other virtual machines. What is the best service to use to achieve this requirement?
2. Load Balancer
3. Traffic manager
4. Public IP address
5. Virtual network

Answer:- D

1. What methods are available to connect to the Azure Public Cloud?

(Choose 3)

1. Physically at the Azure datacentre
2. Express Route
3. Over the internet
4. Client or Site to Site VPN

Answer:- B, C, D

1. Which of the following regulates data privacy in the European Union (EU)?
2. ITIL
3. GDPR
4. ISO
5. NIST

Answer:- B

1. What are the main components of an Azure VPN Gateway setup? (Choose 3)
2. An Azure Load Balancer to distribute the traffic between on-premises and Azure correctly.
3. An on-premises network with a complimentary gateway that can accept the encrypted data.
4. An Azure Storage account for storing any requests that can't be delivered immediately.
5. A secure connection, called a tunnel, which encrypts the traffic sent through it.
6. The VPN Gateway must be attached to an Azure Virtual Network.
7. A static backend pool of VMs that can be targeted as traffic builds up.

Answer:- B, D, E

1. You are beginning to extend your on-premises data center into Azure. You have created a new Azure subscription and resource group called RG-One. You deploy two virtual machines into RG-One with the intent of promoting these to Active Directory domain controllers. What kind of cloud service would this be considered?
2. Infrastructure-as-a-Service (IaaS)
3. Hybrid-as-a-Service (HaaS)
4. Platform-as-a-Service (PaaS)
5. Software-as-a-Service (SaaS)

Answer:- A

1. Which of the following recommendations is provided by Azure Advisor?

(Choose 3)

1. Azure resource costs
2. Azure App Service security
3. Storage performance and reliability
4. Azure virtual machine IP configuration

Answer:- A, B, C

1. What Cloud model allows you to have complete control over the operating system?
2. Platform as a Service
3. Software as a Service (SaaS)
4. Infrastructure as a Service

Answer:- C

1. You are the Systems Administrator for a local university. You are deploying several sets of systems that will be used for research and development teams. Each set of systems will be uniform in nature, containing the same number and type of Azure resources. What should you recommend to automate the creation of these Azure resources?
2. Multiple Azure Subscriptions
3. Azure Resource Manager templates
4. Management groups
5. Virtual machine scale sets

Answer:- B

1. Which of the following is true regarding HDInsight?
2. It can run massively parallel data transformation and processing programs across petabytes of data.
3. It is a cloud-based service that is a limitless analytics service that brings together enterprise data warehousing and Big Data analytics.
4. It is an open-source framework for the distributed processing and analysis of big datasets in clusters.
5. It is a managed relational cloud database service.

Answer:- C

1. What type of cloud architecture is Microsoft Azure generally best described as?
2. Public Cloud
3. Hybrid Cloud
4. Secure Cloud
5. Private Cloud

Answer:- A

1. You are looking to build and host your website on Azure without needing to manage the underlying infrastructure. Which type of Cloud service should you choose?
2. Private Cloud
3. Platform as a Service (PaaS)
4. Infrastructure as a Service (IaaS)
5. Software as a Service (SaaS)

Answer:- B

1. Which of the following are valid Azure storage redundancy types

(Choose 3)

1. Zone redundant storage (ZRS)
2. Read-access geo-zone-redundant storage (RA-GZRS)
3. Locally redundant storage (LRS)
4. Global zone storage (GZS)

Answer:- A, B, C

1. You currently have two Azure Pay-As-You-Go subscriptions. You would like to combine these into a single subscription. How can you accomplish this?
2. In the Azure Portal, check both subscriptions then click the "Merge" button
3. Using Azure CLI, run the az account merge command
4. Using Azure PowerShell, run the Merge-AzureRmSubscription cmdlet
5. Contact Microsoft Azure Support

Answer:- D

1. Which of the following are characteristic of private clouds?

(Choose 2)

1. High scalability [Limited]
2. Lower costs
3. Improved security
4. Limited flexibility

Answer:- A, C

1. Azure virtual machines can be moved between which of the following Azure resources?

(Choose 4)

1. Availability Zones
2. Availability Sets
3. Resource Groups
4. Subscriptions
5. Regions

Answer:- A, C, D, E

1. If you have large amounts of data that need to be processed in parallel on many machines, what is the best service to use on Azure?
2. Azure Data Lake Analytics.
3. Azure Scale Set for virtual machines.
4. Create several Azure DevOps Pipelines that can each process and control a large number of virtual machines.
5. Azure Functions can be run in parallel with millions of instances. Each Function could process one piece of data.

Answer:- A

1. Which of the following tools can be used to manage Azure resources on a Google Chromebook?

(Choose 2)

1. Azure portal
2. Azure CLI
3. PowerShell
4. Azure Cloud Shell

Answer:- A, D

1. Which of the following are viewed as benefits of Public Cloud computing?

(Choose 2)

1. Higher costs
2. On demand capacity
3. Capex pricing model
4. You no longer require an IT department
5. Globally scalable

Answer:- B, E

1. How many tenants can a user in Azure Active Directory belong to?
2. It depends on the Azure subscription type.
3. There is no limit.
4. One main tenant and two child tenants.
5. 500

Answer:- D

1. A cloud architecture consisting of both on-premise and public cloud networks is joined to allow applications to operate across the two. What is this known as?
2. Hybrid Cloud
3. Private Cloud
4. Public Cloud
5. Stretched Cloud

Answer:- A

1. You realise that there have been several attempts to compromise user credentials for your Azure account using brute force. What is an Azure service than can warn you about this?
2. Azure Information Protection
3. Azure Key Vault
4. Azure Defender for Identity (Previously Advanced Threat Protection)
5. Azure Monitor.

Answer:- C

1. What of the following apply to Azure Service Health?
2. Available only for paid Azure support plans.
3. Must be activated for each service.
4. Provides the same information as Resource Health.
5. Does not support real-time tracking of incidents.
6. Supports both planned and unplanned outages.

Answer:-E

1. Select the concept that is defined as ensuring that servers are available if a single data center goes offline.
2. Fault tolerance
3. Agility
4. Elasticity
5. Scalability

Answer:- A

1. Which of the following Azure storage types is most suitable for sharing files using the Server Message Block (SMB) protocol?
2. Azure Storage Explorer
3. Blob Storage
4. Disk Storage
5. Azure Files

Answer:- D

1. Which of the following Azure services is an on-demand analytics job service that can run massively parallel data transformations and processing programs across large amounts of data?

(Choose 2)

1. Azure HDInsight
2. Azure SQL database
3. Azure SQL Data Warehouse
4. Azure Data Lake Analytics

Answer:- A, D

1. Which of the following are considered capital expenditures (CapEx)?

(Choose 2)

1. Cloud-based virtual machine
2. Hyper-V host server
3. Storage area network
4. Office 365 licenses

Answer:- B, C

1. Which Azure support plans can open technical support cases?

(Choose 3)

1. Developer
2. Professional Direct
3. Basic
4. Standard

Answer:- A,B, D

1. What are region pairs?
2. Two geographies working together to host an application
3. Two or more regions in an Availability Set
4. A region that is linked with another region in the same geography
5. A method to route traffic between two Availability Zones

Answer:- C

1. Which Azure Support Plan offers a response time for critical business impact events of less than 1 hour, at the lowest cost?
2. Professional Direct
3. Standard
4. Basic
5. Developer

Answer:- B

1. When using a Content Delivery Network, caching is a critical part of it. What is the advantage of using effective caching for your web applications?
2. Caching is used to store data when your Azure Storage account is either unavailable or at capacity.
3. Caching is the main connection between Azure regions and it creates a dedicated link to each user of your application, increasing reliability.
4. The cache's primary purpose in any computing scenario is to speed things up.
5. Caching is an alternative to using a Load Balancer for improving performance and routing for your web application.

Answer:- C

1. A Service Level Agreement (SLA) is?
2. A Microsoft agreement ensuring you the Client will pay service charges
3. A document explaining Microsoft Cloud Security
4. Microsoft's commitment for uptime and connectivity
5. An agreement between Microsoft and the Client detailing the schedule of new service releases

Answer:- C

1. What is the purpose of a model in AI and Machine Learning?
2. To make sure the application can work across platforms outside of Azure.
3. To define what you want your machine learning implementation to learn.
4. A model identifies which data parameters are valid for the AI implementation.
5. To identify the limits of the implementation to keep it compliant.

Answer:- B

1. Which of the following is a Software as a Service (SaaS) solution?
2. Azure Functions
3. Azure App Service
4. Microsoft Office 365
5. Azure SQL Databases

Answer:- C

1. Which Azure service can help you collect, analyze, and act on telemetry from your cloud and on-premises environments?
2. Azure App Service
3. Azure Monitor
4. Azure WebJobs
5. Azure Analyzer

Answer:- B

1. Which minimum costing support plan provides access to general guidance with architecture support?
2. Basic
3. Professional Direct
4. Developer
5. Standard

Answer:- C

1. What Azure service can you use to automatically add or remove virtual machines to your environment in response to demand on your applications?
2. Virtual Networks
3. Fault Domains
4. Scale Sets
5. Traffic Manager

Answer:- C

1. Which Azure tool can help you build artificial intelligence (AI) applications?
2. Azure Boards
3. Azure DevOps
4. Azure Cognitive Services
5. GitHub

Answer:- C

1. Which of the following can be used to restrict connectivity to Azure virtual machines or subnets?
2. Route table
3. Service endpoint
4. Network security group (NSG)
5. Virtual network gateway

Answer:- C

1. Which cloud concept describes the ability of a cloud service to be accessed quickly from any location via the internet?
2. Dynamic elasticity
3. Low latency
4. Disaster recovery
5. Dynamic scalability

Answer:- B

1. Which of the following Azure services is an on-demand analytics job service that simplifies big data?
2. Azure SQL database
3. Azure Synapse Analytics
4. Azure HDInsight
5. Azure Data Lake Analytics

Answer:- D

1. Which Azure solution would you implement to embed a watermark into Office documents that contain social security numbers?.
2. Azure Active Directory (Azure AD) Privileged Identity Management
3. Azure Information Protection
4. Azure Active Directory (Azure AD) Identity Protection
5. Azure Active Directory (Azure AD) conditional access

Answer:- B

1. The Angry Llamas corporation has asked you to implement a solution that will monitor users in their on-premises environment and their behavior, to make sure any suspicious behavior is caught. What is a solution to do this?
2. Use the alert feature in Azure Active Directory to monitor user behavior and raise alerts for anything out of the ordinary.
3. Use Azure Information Protection to monitor, analyse and profile user behavior, and raise alerts if unusual behavior is detected.
4. Use an Azure Firewall to monitor the traffic entering the network and the Azure services attached to it.
5. Use Microsoft Defender for Identity (formerly Azure Advanced Threat Protection) to identify, detect, and investigate advanced threats, compromised identities, and malicious insider actions directed at your organization.

Answer:- D

1. You have a web application on Azure with a number of virtual machines to run various processes. One of these virtual machines is in charge of processing images. Which Azure service could you use to route all requests for the "/image/" URLs to this specific VM?
2. Use an Application Gateway to route URLs containing the "/image/" path.
3. Use a VPN Gateway to route URLs containing the "/image/" path.
4. Implement a content delivery network to route URLs containing the "/image/" path.
5. Use Azure Load Balancer to route URLs containing the "/image/" path.

Answer:- A

1. What types of data does Azure Monitor collect?

(Choose 2)

1. Metrics and activity logs
2. Physical hardware data
3. Only activity logs
4. Only metrics
5. Subscription monitoring data

Answer:- A, E

1. When utilizing at least two Azure virtual machines with at least two availability zones, what is the guaranteed service level agreement that can be expected?
2. 100%
3. 99.95%
4. 99.99%
5. 99.9%

Answer:- C

1. Define "economy of scale".
2. Spending money on physical infrastructure up front, and then deducting that expense from your tax bill over time.
3. The ability to do things more efficiently or at a lower cost per unit when operating at a larger scale.
4. Prices for individual resources and services are provided so you can predict how much you will spend in a given billing period based on your expected usage.
5. Spending money on products or services now and being billed for them now. You can deduct this expense from your tax bill in the same year.

Answer:- B

1. Which of the following is the organization that defines standards used by the United States government?
2. NIST
3. ISO
4. ITIL
5. GDPR

Answer:- A

1. What are security policies used for in Azure?
2. To connect to outside security services that aren't part of the Azure Trusted Providers program.
3. A set of rules that Azure can use to evaluate if your configuration of a service is secure and complies with your organization's security guidelines.
4. A set of rules that Azure uses to validate user access and permissions to Azure resources.
5. Rules used to restrict and validate access to files and documents hosted on Azure.

Answer:- B

1. You are the Azure Administrator for Radio Gaga, LTD. You have a resource group named RG-RG and need to ensure no other administrators can create virtual networks in this resource group. What can you implement to accomplish this?
2. Properties
3. Access Control (IAM)
4. Azure policy
5. Locks

Answer:- C

1. What is the description of a region in Microsoft Azure?
2. A geographical area containing at least one Azure datacenter per continent worldwide.
3. A set of datacenters deployed within a latency-defined perimeter and connected through a dedicated regional low-latency network.
4. A geographical area containing all of the Azure datacenters located within a single countries borders.
5. A logical boundary defining the secure communication boundary between a customers virtual machines.

Answer:- B

1. Which of the following are available in the Azure Marketplace?

(Choose 3)

1. Solution templates
2. SaaS applications
3. Sample application code
4. Virtual machine images

Answer:- A, B, D

1. Which Azure DevOps tool would you use to share applications and code libraries?
2. Azure Artifacts.
3. Azure Pipelines.
4. Azure Repos.
5. Azure Test Plans.
6. Azure Boards.

Answer:- A

1. Which Azure offering refers to a set of development, testing, and automation tools?
2. Azure DevOps
3. Azure Boards
4. GitHub
5. Azure Cognitive Services

Answer:- A

1. You are in the process of migrating your existing on-premises SQL databases to Azure. You will migrate them to Azure SQL databases, as opposed to deploying SQL database servers in Azure. What kind of cloud service would this be considered?
2. Serverless
3. Infrastructure-as-a-Service (IaaS)
4. Platform-as-a-Service (PaaS)
5. Software-as-a-Service (SaaS)

Answer:- C

1. Which of the following are characteristic of public clouds?

(Choose 2)

1. Lower costs
2. High scalability
3. Improved security
4. Higher maintenance

Answer:- A, B

1. Which Azure service can provide big data analysis for machine learning?
2. Azure App Service
3. Azure WebJobs
4. Application Insights
5. Azure Databricks

Answer:- D

1. You are in charge of an Azure database that has valuable and sensitive data stored in it. You need a third party client to access this data. How would you provide access in the most secure way?
2. Use Azure Information Protection to secure and track any piece of data accessed.
3. Use Azure Key Vault to create a single use password for the database. The client can use this to get an authentication token for further use.
4. Store the data in the secure tier data storage and provide access via a secure token only.
5. Use Azure Key Vault to protect and share the password without revealing it.

Answer:- D

1. What kind of service architecture is Azure DevOps?
2. On-premises
3. SaaS
4. PaaS
5. Serverless
6. IaaS

Answer:- B

1. Which of the following statements regarding Azure Virtual Machines is true?
2. Deleted virtual machines will still incur charges for storage.
3. If a virtual machine stays stopped and de-allocated for 30 days, it will be deleted.
4. Two virtual machines with the same size will incur the same monthly charges.
5. Virtual machines can be auto-resized to combat system performance.

Answer:- A

1. You need to create an Azure storage solution that will store messages created by an Azure web role. The messages will then be processed by an Azure worker role. What type of storage solution should you create?
2. A File service in a storage account
3. A virtual machine data disk
4. A Blob service in a storage account
5. A Queue service in a storage account

Answer:- D

1. Which of the following Azure support plans provide phone 24/7 access for technical support queries?

(Choose 2)

1. Basic
2. Professional Direct
3. Standard
4. Developer

Answer:- B, C

1. What kind of information does Azure Information Protection protect?

(Choose 3)

1. PDF documents
2. Virtual hard disks
3. Azure Blob Storage
4. Email messages
5. Office documents

Answer:- A, D, E

1. What command-line environments are available for use in the Azure Cloud Shell?

(Choose 2)

1. Windows
2. PowerShell
3. Bash
4. MS-DOS

Answer:- B, C

1. Which Azure service can you use to make sure your virtual machines are running smoothly and without problems?
2. Azure Monitor.
3. Azure Blueprints.
4. Azure Defender for Identity (Azure Advanced Threat Detection)
5. Azure Information Protection

Answer:- A

1. Which Azure service should you use to correlate metrics and logs from multiple Azure resources into a centralized repository?
2. Azure Event Grid
3. Azure Monitor
4. Azure Event Hubs
5. Azure SQL Data Warehouse

Answer:- B

1. Regarding this diagram, which service might you place at 1 to protect the connection credentials from the web service to the SQL database, but also allow access to third party applications?
2. Azure Key Vault
3. A Network Security Group
4. Azure Sentinel
5. Azure Information Protection

Answer:- A

1. What does Microsoft Defender for Identity (Azure Advanced Threat Protection) do?
2. It identifies suspicious user activities and events.
3. It provides anti-malware features for Office 365 accounts.
4. It provides unified endpoint security for Windows-based Virtual Machines.
5. It checks links in emails and documents to ensure they aren't malicious.

Answer:- A