

Q1) You plan to deploy several web applications to Azure App Service. You need to control access to the configuration settings of these web applications. What should you use?

- ☐ Azure taxonomic tags
- ☒ Azure resource role

Explanation:-Azure role-based access control (Azure RBAC) has several Azure built-in roles that you can assign to users, groups, service principals, and managed identities. You can use role assignments to control access to Azure resources. If the built-in roles don't meet the specific needs of your organization, you can create your own Azure custom roles.

- ☐ Azure Sentinel
- ☐ Azure policy

Q2) 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?

- ☐ Azure Marketplace
- ☒ Azure Policy

Explanation:-Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources so those resources stay compliant with your corporate standards and service-level agreements.

- ☐ ARM templates
- ☐ Azure remote management

Q3) What data or information does Azure Information Protection (AIP) encrypt?

- ☐ Network traffic into and out of Azure to an organization's data center(s)
- ☒ Documents and email messages

Explanation:-Azure Information Protection (AIP) is a cloud-based solution that helps an organization classify and, optionally, protect its documents and emails by applying labels.

- ☐ Azure Blob storage
- ☐ Azure Cosmos DB data

Q4) Correct or Incorrect: Both Azure DDoS, Basic and Standard service tiers display metrics and alerts.

- ☐ Correct
- ☒ Incorrect

Explanation:-The Azure Standard DDoS service tier is a paid service and provides additional mitigation capabilities over the Basic service tier (which is free) that are tuned specifically to Azure virtual network resources. The following table provides more details.

Q5) You have a Windows Server 2016 virtual machine (VM) named SRV1 that runs in Azure. You need to configure SRV1 to allow inbound connections to TCP port 443. Your configuration change should affect only SRV1. What should you modify?

- ☐ Virtual network gateway
- ☐ Route table
- ☐ Azure Firewall
- ☒ Network security group (NSG)

Explanation:-You can use Azure network security groups 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.

Q6) Your organization deployed three identically configured web servers (Tomcat) hosted on virtual machines (VMs) in a subnet named Subnet-WebSvr on a virtual network named VNet-US-East. What would you recommend that the security administrator implement to protect inbound access to the VMs?

- ☐ DDoS
- ☒ NSG

Explanation:-You can use Azure Network Security Groups to filter network traffic to and from Azure resources in an Azure virtual network. A Network Security Groups 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.

- ☐ CDN
- ☐ IoT Hub

Q7) Correct or Incorrect: Azure Blueprints makes it possible for development teams to rapidly build and stand up new environments.

- ☒ Correct

Explanation:-Azure Blueprints makes it possible for development teams to rapidly build and stand up new environments with the assurance that they're building within organizational compliance with a set of built-in components, such as networking, to speed up development and delivery. Blueprints makes it possible to orchestrate the deployment of various resource templates and other artifacts, such as Role Assignments, Policy Assignments, Azure Resource Manager templates, and resource groups.

- ☐ Incorrect

Q8) Your organization allows developers to provision their own virtual machines (VMs) in Azure. You need to ensure that developers deploy only approved VM sizes to the corporate subscription. Which of the following will meet this requirement?

- ☐ Azure VPN
- ☐ Azure IoT Edge
- ☐ Azure AD Connect
- ☒ Azure Policy

Explanation:-Azure Policy helps enforce organizational standards and assess compliance at scale. Through its compliance dashboard, it provides an aggregated view that enables you to evaluate the overall state of the environment, with the ability to drill down to per-resource, per-policy granularity. It also helps bring your resources into compliance through bulk remediation for existing resources and automatic remediation for new resources.

Common use cases for Azure Policy include implementing governance for resource consistency, regulatory compliance, security, cost, and management. Policy definitions for these common use cases are available in your Azure environment as built-ins to help you get started.

Q9) Which of the following enables Microsoft Azure applications and users to store and use several types of secret/key data?

- ☐ Azure Firewall
- ☒ Azure Key Vault

Explanation:-Azure Key Vault can be used to securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets.

- ☐ Azure Sentinel
- ☐ Azure Information Protection

Q10) Which of the following provides personalized guidance and support when issues in Azure services may affect you in the future?

- ☐ Azure Security Center
- ☐ Azure Service Insights
- ☐ All of these
- ☒ Azure Service Health

Explanation:-Azure Service Health provides personalized guidance and support when issues in Azure services may affect you in the future. This information includes current and upcoming issues such as service-impacting events, planned maintenance, and other changes that may affect your availability. Azure Service Health is composed of Azure Status, Service Health, and Resource Health.

Q11) Correct or Incorrect: Microsoft Azure operated by 21Vianet (Azure China) is a physically separated instance of cloud services located in China.

- ☐ Incorrect
- ☒ Correct

Explanation:-Microsoft Azure operated by 21Vianet (Azure China) is a physically separated instance of cloud services located in China. It is independently operated and transacted by Shanghai Blue Cloud Technology Co., Ltd., a wholly owned subsidiary of Beijing 21Vianet Broadband Data Center Co., Ltd.

Q12) 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?

- ☐ Management group
- ☒ Azure subscription

Explanation:-As an organization adds new workloads to the Azure cloud, different ownership of subscriptions or basic separation of responsibility may result in multiple subscriptions in both the production and nonproduction management groups. The first resource that is created as part of embarking on a cloud journey with Azure is a subscription. An Azure subscription can be a free tier or Pay As You Go or PAYG.

- ☐ Resource group
- ☐ Virtual machines

Q13) 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 at the management group level.
- ☐ No further action is required.
- ☒ Apply the tags to the enclosed resources individually.

Explanation:-You can apply tags to your Azure resources, resource groups, and subscriptions to logically organize them into a taxonomy. Tags applied to a resource group are not inherited by the resources in that resource group. The individual resources need to be tagged with the desired tag.

Q14) Correct or Incorrect: If you have never tried or paid for Azure before, you're eligible for an Azure Free account.

- ☒ Correct

Explanation:-An Azure Free account is available to all new customers of Azure. If you have never tried or paid for Azure before, you are eligible for an Azure Free account. The Azure Free account includes access to a number of Azure products that are free for 12 months, and you get \$200 credit to spend in the first 30 days after signup.

- ☐ Incorrect

Q15) Correct or Incorrect: In Azure, inbound data transfers are free.

- ☒ Correct

Explanation:-Inbound data transfers (that is, data going into Azure data centers) are free. Outbound data transfers are subject to charges.

☐ Incorrect

Q16) 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.

☒ Correct

Explanation:-Azure Cost Management and Billing help you understand Azure billing, manage your account and subscriptions, monitor and control Azure spending, and optimize resource use. With these tools, you can learn how to analyze costs, create and manage budgets, export data, and review and act on recommendations.

☐ Incorrect

Q17) 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 Cost Benefit

☒ Azure Hybrid Benefit

Explanation:-Azure Hybrid Benefit 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. With it, eligible customers pay a reduced rate on Azure virtual machines (infrastructure-as-a-service [IaaS]) and a reduced rate on Azure SQL Database (platform-as-a-service [PaaS]) and SQL Server on Azure virtual machines (IaaS).

☐ Azure TCO Benefit

☐ Azure ROI Benefit

Q18) Which of the following are valid ways to purchase Azure products and services?

☒ Purchase products and services directly from Microsoft

Explanation:-

There are a couple ways to purchase Azure products and services. You can purchase products and services directly from Microsoft, or you can purchase through a Microsoft Cloud Solution Partner (CSP).

You get the same Azure pricing whether you create an account through the Azure website or your Microsoft representative. Either way, you:

- Get a monthly bill from Microsoft for the Azure services you consume
- Have the option to choose a Microsoft support plan for Azure
- Can manage your Azure deployments and usage yourself—or engage a partner to do this for you

Microsoft Cloud Solution Provider (CSP) partners offer a range of complete managed cloud solutions for Azure. With a CSP partner, you:

- Get your bill from and pay for Azure usage through your CSP.
- Get support for Azure through your CSP.
- Work with your CSP for Azure provisioning, deployment, and usage management.

Refer: <https://azure.microsoft.com/en-us/pricing/purchase-options/>

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

☐ All of these

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

Q19) Correct or Incorrect: When Microsoft Azure releases a new Azure service in public preview, it is made available to all Azure customers.

☐ Incorrect

☒ Correct

Explanation:-Public preview is available to all Azure customers. Private preview, on the other hand, is only available to select customers.

Q20) In the following screen, an administrator is trying to leverage access control to limit access to which Azure service?

☐ Azure Advisor

☒ Azure Subscription

Explanation:-To manage access to Azure resources, you must have the appropriate administrator role. Azure has an authorization system called role-based access control (RBAC) with several built-in roles you can choose from. You can assign these roles at different scopes, such as management group, subscription, or resource group. By default, the person who creates a new Azure subscription can assign other users administrative access to the subscription.

☐ Azure Reservations

☐ Azure VMs

Q21) Which of the following can you use to manage your invoices and payments and to track costs in Azure?

☐ Invoicing account

☐ Payments account

☐ Management account

☒ Billing account

Explanation:-A billing account is created when you sign up to use Azure. You use your billing account to manage your invoices and payments and to track costs.

The Azure portal supports the following types of billing accounts:

- Microsoft Online Services Program: A billing account for a Microsoft Online Services Program is created when you sign up for Azure through the Azure website.
- Enterprise Agreement: An Enterprise Agreement (EA) billing account is created when your organization signs an EA to use Azure.
- Microsoft Customer Agreement: A Microsoft Customer Agreement billing account is created when your organization works with a Microsoft representative to sign a Microsoft customer agreement.
- Microsoft Partner Agreement: A Microsoft Partner Agreement billing account is created for Cloud Solution Provider (CSP) partners to manage their customers in the new commerce experience.

Q22) The IT administrator of your organization is getting the following message on the Azure portal. What is the IT administrator trying to do?

- ☐ Delete an existing subscription
- ☒ Add another subscription

Explanation:-This message comes up when you try to add a new subscription from an existing Free tier account. Azure Free tier can be converted to a pay-as-you-go subscription. If you upgrade from an Azure Free account, you continue to have access to select free services for the remainder of the 12-month duration of that offer (beginning on the date you signed up for the Azure Free account). Credits provided as part of the Azure Free account are automatically carried over but expire 30 days from the date you signed up for the Azure Free account. At the end of the 12-month period, your account will be billed at the standard pay-as-you-go rates.

- ☐ Inquire about existing free credits
- ☐ Upgrade the Azure Portal to a newer release

Q23) An organization has numerous lines of business and, according to organizational policy, all the Azure resources used by each line of business should be managed by the respective line business's IT administrator. Which of the following approaches would minimize the administrative effort involved in managing the resources across the organization's Azure footprint?

- ☐ Multiple resource groups, one per line of business
- ☐ One super administrator to whom all business units' IT administrators report functionally
- ☐ A single subscription for all lines of business
- ☒ Multiple subscriptions, one per line of business

Explanation:-In this scenario, each IT administrator should be assigned a subscription that is local to the line of business. Each subscription should contain multiple applications that are related to delivering the set of functionalities that make up the service. Each application should typically be contained in an explicit resource group, which becomes the container for that application, which is part of the service (the subscription). There may sometimes be a shared or common application in the service. The team of application developers live at the application/resource group level, and they're accountable for their footprint in Azure from security to optimal Azure spend in everything they do.

Q24) From an SLA perspective, what are the key recovery metrics ?

- ☐ MTBF
- ☒ RTO

Explanation:-From an SLA perspective, the key metrics are RPO and RTO:

- Recovery time objective (RTO) is the maximum acceptable time an application is unavailable after an incident.
- Recovery point objective (RPO) is the maximum duration of data loss that's acceptable during a disaster.

You derive RPO and RTO values by conducting a risk assessment and ensuring that you understand the costs and risks of downtime and data loss. These are nonfunctional requirements of a system and should be dictated by business requirements.

If the MTTR value of any critical component in a highly available setup exceeds the system RTO, a failure in the system might cause an unacceptable business disruption. That is, you will not be able to restore the system within the defined RTO.

- ☐ MTTR
- ☒ RPO

Explanation:-From an SLA perspective, the key metrics are RPO and RTO:

- Recovery time objective (RTO) is the maximum acceptable time an application is unavailable after an incident.
- Recovery point objective (RPO) is the maximum duration of data loss that's acceptable during a disaster.

You derive RPO and RTO values by conducting a risk assessment and ensuring that you understand the costs and risks of downtime and data loss. These are nonfunctional requirements of a system and should be dictated by business requirements.

If the MTTR value of any critical component in a highly available setup exceeds the system RTO, a failure in the system might cause an unacceptable business disruption. That is, you will not be able to restore the system within the defined RTO.

Q25) Which of the following statements are true regarding the Azure Preview feature?

- ☐ Previews are provided "with all faults."
- ☐ Previews are provided "as available."
- ☒ All of these statements are true.

Explanation:-Azure may include preview, beta, or other pre-release features, services, software, or regions offered by Microsoft to obtain customer feedback ("Previews"). Previews are made available to you on the condition that you agree to these terms of use, which supplement your agreement governing use of Azure:

PREVIEWS ARE PROVIDED "AS-IS," "WITH ALL FAULTS," AND "AS AVAILABLE," AND ARE EXCLUDED FROM THE SERVICE LEVEL AGREEMENTS AND LIMITED WARRANTY which is the main reason not to release in your production environment as you have no binding SLA.

Previews may not be covered by customer support. Previews may be subject to reduced or different security, compliance and privacy commitments, as further explained in the Microsoft Online Services Privacy Statement, Microsoft Azure Trust Center, the Online Services Terms, and any additional notices provided with the Preview. Customers should not use Previews to process Personal Data or other data that is subject to heightened compliance requirements. Certain named Previews may also be subject to additional terms set forth below, if any. We may change or discontinue Previews at any time without notice. We also may choose not to release a Preview into "General Availability."

- ☐ Previews are provided "as-is."

Q26) An organization's IT administrator has deployed several virtual machines in the organization's Azure environment. From a cost viewpoint, what is the best course of action when virtual machines are not required for a period of time (such as one week)?

- ☐ The IT administrator should delete existing subscriptions.
- ☐ The IT administrator should stop the VM(s).
- ☒ The IT administrator should stop (deallocate) the VM(s).

Explanation:-There are two ways a VM can be stopped, resulting into two states from a cost viewpoint:

- Azure's stopped state: You or a process running on the OS in the VM shuts down the OS. In most cases, you or a subscription co-administrator controls when this happens. As part of managing the VM, you might need to manually shut down the OS temporarily (for example, to reconfigure an application running on the VM). You might also want to run other tools that shut down the OS (for example, Sysprep on a Windows VM). The OS in the VM is stopped, and the VM services are unavailable, but the VM continues to reserve the compute and network resources that Azure provisioned, and, hence, Azure keeps you charging for these resources.

- Azure's deallocated state: Azure shuts down the VM by using Azure tools or processes. In most cases, you or a subscription co-administrator controls when this happens. If you do not need to use the VM immediately and want to minimize costs but also want to be able to resume work with the VM later, you can shut down the VM (for example, by selecting the VM in the management portal and clicking Shut down). By stopping (deallocating) a VM, you not only stop the VM's OS but also free up the hardware and network resources Azure previously provisioned for it (a process called deallocation).

- ☐ The IT administrator should move the VM(s) out of Azure.

Q27) Correct or Incorrect: Your organization plans to use a feature in Azure that is in Private Preview status. You as the IT administrator need to ensure that the feature is covered by an appropriate service-level agreement (SLA). You should not deploy the production workloads leveraging this new feature.

- ☐ Incorrect
- ☒ Correct

Explanation:-Private Preview means that an Azure feature is available to specific Azure customers for evaluation purposes. This is typically by invitation only, with the invitation issued directly by the product team responsible for the feature or service for a select set of customers. The SLA terms, however, do not change and remain as is for both public and private preview.

Q28) An organization's IT administrator has deployed several virtual machines in the organization's Azure environment. From a cost viewpoint, what is the best course of action when virtual machines are not required for a period of time (such as one week)?

- ☐ The IT administrator should stop the VM(s).
- ☐ The IT administrator should delete any existing subscription.
- ☐ The IT administrator should move the VM(s) out of Azure.
- ☒ The IT administrator should stop (deallocate) the VM(s).

Explanation:-There are two ways a VM can be stopped, resulting into two states from a cost viewpoint:

- Azure's stopped state: You or a process running on the OS in the VM shuts down the OS. In most cases, you or a subscription co-administrator controls when this happens. As part of managing the VM, you might need to manually shut down the OS temporarily (for example, to reconfigure an application running on the VM). You might also want to run other tools that shut down the OS (for example, Sysprep on a Windows VM). The OS in the VM is stopped, and the VM services are unavailable, but the VM continues to reserve the compute and network resources that Azure provisioned, and, hence, Azure keeps you charging for these resources.
- Azure's deallocated state: Azure shuts down the VM by using Azure tools or processes. In most cases, you or a subscription co-administrator controls when this happens. If you do not need to use the VM immediately and want to minimize costs but also want to be able to resume work with the VM later, you can shut down the VM (for example, by selecting the VM in the management portal and clicking Shut down). By stopping (deallocating) a VM, you not only stop the VM's OS but also free up the hardware and network resources Azure previously provisioned for it (a process called deallocation).

Q29)

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

You need to limit the amount of inbound traffic to all the Azure virtual networks.

What should you create?

- ☐ One network security group (NSG)
- ☐ 10 virtual network gateways
- ☐ 10 Azure ExpressRoute circuits
- ☒ One Azure firewall

Explanation:-Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall-as-a-service with built-in high availability and unrestricted cloud scalability. You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Capabilities supported in Azure Firewall: 1. Stateful firewall as a service 2. Built-in high availability with unrestricted cloud scalability 3. FQDN filtering FQDN tags 4. Network traffic filtering rules 5. Outbound SNAT support 6. Inbound DNAT support 7. Centrally create, enforce, and log application and network connectivity policies across Azure subscriptions and VNets 8. Fully integrated with Azure Monitor for logging and analytics Reference: <https://docs.microsoft.com/en-us/azure/firewall/overview>

Q30)

You have an Azure environment that contains multiple Azure virtual machines.

You plan to implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines.

You need to recommend which Azure resources must be created for the planned solution.

Which two Azure resources should you include in the recommendation? Each correct answer presents part of the solution.

- ☒ a gateway subnet

Explanation:-

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation.

Subnets: Subnets enable you to segment the virtual network into one or more sub-networks and allocate a portion of the virtual network's address space to each subnet. You can then deploy Azure resources in a specific subnet. Just like in a traditional network, subnets allow you to segment your VNet address space into segments that are appropriate for the organization's internal network. This also improves address allocation efficiency. You can secure resources within subnets using Network Security Groups.

Link - <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-overview>

- ☐ a virtual network gateway
- ☐ a load balancer
- ☐ an application gateway
- ☒ a virtual network

Explanation:-

Azure Virtual Network (VNet) is the fundamental building block for your private network in Azure. VNet enables many types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the internet, and on-premises networks. VNet is similar to a traditional network that you'd operate in your own data center, but brings with it additional benefits of Azure's infrastructure such as scale, availability, and isolation.

Subnets: Subnets enable you to segment the virtual network into one or more sub-networks and allocate a portion of the virtual network's address space to each subnet. You can then deploy Azure resources in a specific subnet. Just like in a traditional network, subnets allow you to segment your VNet address space into segments that are appropriate for the organization's internal network. This also improves address allocation efficiency. You can secure resources within subnets using Network Security Groups.

Link - <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-overview>

Q31) A company plans on purchasing a Microsoft Azure Support plan.

Below is a key requirement for the support plan:

- Provide an option to contact Microsoft support engineers by phone or email during business hours.

A recommendation is made to purchase the Basic Support plan.

Would this recommendation fulfill the requirement?

☒ Incorrect

Explanation:-Microsoft Support Engineers by phone or email during business hours is only available under the 'Standard, Professional Direct, and Premier' Support plans. The company would not be able to contact Microsoft Support Engineers by phone or email during business hours under the Basic Support plan as "Technical Support" is not included.

More information can be found here: <https://azure.microsoft.com/en-us/support/plans/>

☐ Correct

Q32) A company plans on purchasing a Microsoft Azure Support plan.

Below is a key requirement for the support plan:

- Provide an option to contact Microsoft support engineers by phone or email 24/7.

A recommendation is made to purchase the Standard Support plan.

Would this recommendation fulfill the requirement?

☐ Incorrect

☒ Correct

Explanation:-The Standard Support plan, the company has the ability to contact support engineers via phone or email 24/7. For more information on all the Support plans offered please visit

<https://azure.microsoft.com/en-us/support/plans/>

Q33) A company plans on purchasing a Microsoft Azure Support plan.

Below is a key requirement for the support plan:

- Provide an option to contact Microsoft Support Engineers by phone or email 24/7.

A recommendation is made to purchase the Premier Support plan.

Would this recommendation fulfill the requirement?

☐ Incorrect

☒ Correct

Explanation:-under the Premier support plan, the company would be able to contact Microsoft Support Engineers by phone or email 24/7.

More for information on the 5 Support plans offered my Microsoft Azure, please visit:

<https://azure.microsoft.com/en-us/support/plans/>

Q34) Microsoft Azure services normally follow the below life-cycle:

- 1st they are deployed in private preview**
- 2nd they are released in public preview**
- finally they are finally released to general availability**

Is this an accurate life cycle for an Azure service?

☐ Incorrect

☒ Correct

Explanation:-This is the life-cycle Microsoft Azure services normally follows.

For more information, please visit:

<https://support.microsoft.com/en-us/help/18486/lifecycle-faq-azure>

Q35) A company wants to try out a couple of Microsoft Azure services which are available in public preview.

Is it true that services in public preview can only be used via the Azure CLI interface?

☒ Incorrect

Explanation:-All public preview services can be used via all user interfaces, not only the Azure CLI. A service in Public Preview means that the service is in public beta and can be tried out by anyone with an Azure subscription. You can often use these services at a discount as long as they are in preview.

For more information, please visit:

<https://azure.microsoft.com/en-us/updates/storage-explorer-preview-now-available-in-azure-portal/>

☐ Correct

Q36) A company is planning on setting up an Azure account and spinning up resources within their purchased subscription.

When it comes to the Service Level Agreement (SLA), does Microsoft ensure a SLA of 99.9% up-time for paid Azure services?

☐ Incorrect

☒ Correct

Explanation:-when it comes to paid Azure services, Microsoft Azure ensures a SLA of 99.9% up-time for paid Azure services.

For more information, please visit:

<https://azure.microsoft.com/en-us/support/legal/sla/summary/>

Q37) A company is planning on moving to Microsoft Azure.

The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure.

You recommend using the pricing calculator to get the required costing of the resources.

Would this recommendation fit the requirement?

☒ Correct

Explanation:-

The pricing calculator allows you to view the price for different sizes and configurations of your Azure Virtual Machines in terms of the machine's CPU, memory, storage, location and hours in use. Microsoft Azure has monthly releases of new updates and new features as well.

The Azure Pricing Calculator is a web-based tool that you can access by going to Azure.com in your browser or do a search for the tool. The Azure Pricing Calculator helps you understand the costs of moving your technical estate to Azure, and to estimate pricing once your data and applications are in Azure. This allows you to make better decisions on your move to the cloud by expediting the cost component of the decision.

Refer: <https://azure.microsoft.com/en-us/pricing/calculator/>

☐ Incorrect

Q38)

Your company plans to move several servers to Azure.

The company's compliance policy states that a server named FinServer must be on a separate network segment.

You are evaluating which Azure services can be used to meet the compliance policy requirements.

Which Azure solution should you recommend?

☐ A VPN for FinServer and a virtual network gateway for each other server

☒ A virtual network for FinServer and another virtual network for all the other servers

Explanation:-Azure virtual networks are similar to LANs on your on-premises network. The idea behind an Azure virtual network is that you create a network, based on a single private IP address space, on which you can place all your Azure virtual machines. The private IP address spaces available are in the Class A (10.0.0.0/8), Class B (172.16.0.0/12), and Class C (192.168.0.0/16) ranges. Best practice: Create network access controls between subnets. Routing between subnets happens automatically, and you don't need to manually configure routing tables. By default, there are no network access controls between the subnets that you create on an Azure virtual network. Detail: Use a network security group to protect against unsolicited traffic into Azure subnets. Network security groups are simple, stateful packet inspection devices that use the 5-tuple approach (source IP, source port, destination IP, destination port, and layer 4 protocol) to create allow/deny rules for network traffic. You allow or deny traffic to and from a single IP address, to and from multiple IP addresses, or to and from entire subnets. When you use network security groups for network access control between subnets, you can put resources that belong to the same security zone or role in their own subnets. Reference: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-vnet-plan-design-arm> Reference 2: <https://docs.microsoft.com/en-us/azure/security/fundamentals/network-best-practices>

☐ A resource group for FinServer and another resource group for all the other servers

☐ One resource group for all the servers and a resource lock for FinServer

Q39)

You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive.

What should you create?

- ☒ A Files service in a storage account

Explanation:-Azure Files offers fully managed file shares in the cloud that are accessible via the industry standard Server Message Block (SMB) protocol. Azure file shares can be mounted concurrently by cloud or on-premises deployments of Windows, Linux, and macOS. Additionally, Azure file shares can be cached on Windows Servers with Azure File Sync for fast access near where the data is being used. Azure Files: Extend your servers to Azure with Sync for on-premises performance and capability. Secure data at rest and in-transit using SMB 3.0 and HTTPS. Simplify cloud file share management using familiar tools. Create high-performance file shares using the Premium Files storage tier. Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-files-introduction>

- ☐ A virtual machine data disk
- ☐ An Azure SQL database
- ☐ A Blobs service in a storage account

Q40) A company has multiple subscriptions. They want to merge the subscriptions into one. Do they need to contact Microsoft to merge the subscriptions?

- ☒ No

Explanation:-Ideally you would look to transfer subscriptions under one account and manage them centrally. If you go to your subscription, there will be a Transfer subscription option as shown below. For more information on transferring subscriptions please visit the below URL

<https://docs.microsoft.com/en-us/azure/billing/billing-subscription-transfer>

- ☐ Yes

Q41) You are planning on setting up an Azure Free account. Which of the following is not correct when it comes to what is offered as part of the Azure Free account?

- ☐ Access to certain products that are always free

Explanation:-Access to certain products that are always free in the Azure Free Account

- ☒ Free Access to all Azure products after the 12 months expiration period

Explanation:-Free Access to all Azure products after the 12 months expiration period is only given after upgrade to a pay-as-you-go account.

<https://azure.microsoft.com/en-us/free/free-account-faq/> When you sign up for an Azure free account, you get a \$200 credit that acts as a spending limit—that is, in the first 30 days, any usage of resources beyond the free products and quantities will be deducted from the \$200 credit. When you've used up the \$200 credit or 30 days have expired (whichever happens first), you'll have to upgrade to a pay-as-you-go account. This automatically removes the spending limit so you can continue to get access to all the free products included in the free account. With the spending limit removed, you pay for what you use beyond the free amounts and this is charged to the card you provided.

- ☐ Free access to certain Azure products for 12 months

Explanation:-Azure Free account gives Free access to certain Azure products for 12 months

- ☐ 200 USD free credit for 30 days

Explanation:-Azure Free account gives 200 USD free credit for 30 days

Q42) A company wants to try out a couple of Azure services which are available in public preview. Is it true that services in public preview can only be used via the Azure command line interface?

- ☒ No

Explanation:-For more information on updates to the Azure platform, please visit the below URL <https://azure.microsoft.com/en-us/updates>

- ☐ Yes

Q43)

Your company plans to migrate all its network resources to Azure. You need to start the planning process by exploring Azure.

What should you create first?

- ☐ A resource group

- ☒ A subscription

Explanation:-Azure Subscription: The container where your created resources are created. Billing is per subscription. (multiple subscription can have the same Azure AD). You can also set specific Azure policies on subscription level. Reference: <https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

- ☐ A virtual network
- ☐ A management group

Q44) A company is planning on storing 1 TB of data in Azure BLOB storage. Would the cost of data storage be the same regardless of the region the data is stored in?

- ☒ Incorrect

Explanation:-When you look at the pricing for Azure BLOB storage, there is a selector for the region. The cost depends on the region the BLOB is located in.

- ☐ Correct

Q45) Your organization plans to run all its IT operations from Azure. The corporate security team needs a platform from which it

can respond to incidents rapidly and investigate security threats by using artificial intelligence (AI). What Azure product should you recommend to the security team?

- ☐ Azure Log Analytics
- ☒ Azure Sentinel

Explanation:-Microsoft Azure Sentinel is a scalable cloud-native security information event management (SIEM) and security orchestration automated response (SOAR) solution. Azure Sentinel delivers intelligent security analytics and threat intelligence across the enterprise, providing a single solution for alert detection, threat visibility, proactive hunting, and threat response.

Azure Sentinel provides a bird's-eye view across the enterprise, alleviating the stress of increasingly sophisticated attacks, increasing volumes of alerts, and long resolution timeframes. It allows you to do the following:

- Collect data at cloud scale across all users, devices, applications, and infrastructure, both on-premises and in multiple clouds
- Detect previously undetected threats and minimize false positives using Microsoft's analytics and unparalleled threat intelligence
- Investigate threats with artificial intelligence and hunt for suspicious activities at scale, tapping into years of cybersecurity work at Microsoft
- Respond to incidents rapidly with built-in orchestration and automation of common tasks

- ☐ Azure Security Center
- ☐ Azure Monitor

Q46) Which Azure product is shown in the following screen?

- ☐ Azure Firewall
- ☒ Azure Trust Center

Explanation:-Azure Trust Center was launched with the goal of providing customers and partners with easier access to regulatory compliance information.

- ☐ Azure Privacy
- ☐ Azure Marketplace

Q47) 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 Key Vault

Explanation:-Azure Key Vault enables Microsoft Azure applications and users to store and use several types of secret/key data, including the following:

- Cryptographic keys: Azure Key Vault supports multiple key types and algorithms and enables the use of hardware security modules (HSM) for high-value keys.
- Secrets: Azure Key Vault provides secure storage of secrets, such as passwords and database connection strings.
- Certificates: Azure Key Vault supports certificates, which are built on top of keys and secrets and add an automated renewal feature.
- Azure Storage: Azure Key Vault can manage keys of an Azure Storage account for you. Internally, Key Vault can list (sync) keys with an Azure Storage account and regenerate (rotate) the keys periodically.

- ☐ Azure Sentinel
- ☐ Azure Multi-Factor Authentication (MFA)

Q48) 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?

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

Explanation:-You can use Azure network security groups (NSGs) to filter network traffic to and from Azure resources in an Azure virtual network (VNet). 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.

Q49) In Microsoft Azure, an application can connect to which of the following Azure resources for retrieving secrets, keys, and certificates?

- ☐ Dedicated certificate store
- ☒ Azure Key Vault

Explanation:-Azure Key Vault enables Microsoft Azure applications and users to store and use several types of secret/key data, including the following:

- Cryptographic keys: Supports multiple key types and algorithms and enables the use of hardware security modules (HSM) for high-value keys.
- Secrets: Provides secure storage of secrets, such as passwords and database connection strings.
- Certificates: Supports certificates, which are built on top of keys and secrets, and adds an automated renewal feature.
- Azure Storage: Manages keys of an Azure Storage account for you. Internally, Key Vault can list (sync) keys with an Azure Storage account and regenerate (rotate) the keys periodically.

- ☐ Encrypted Blob storage
- ☐ Azure Active Directory (Azure AD)

Q50) 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 Policy

Explanation:-Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and

effects over your resources so those resources stay compliant with your corporate standards and service-level agreements.

- ☐ Azure Marketplace
- ☐ Azure remote management

Q51) 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.

☒ Correct

Explanation:-Microsoft collects data from you through its interactions with you and through its products. You provide some of this data directly, and Microsoft gets some of it by collecting data about your interactions, use, and experiences with Microsoft products. The data Microsoft collects depends on the context of your interactions with Microsoft and the choices you make, including your privacy settings and the products and features you use. It also obtains data about you from third parties.

Microsoft uses the data it collects to provide you with rich, interactive experiences. In particular, it uses data to:

- Provide products, including updating, securing, and troubleshooting, as well as providing support. It also includes sharing data, when required to provide the service or carry out the transactions you request.
- Improve and develop its products.
- Personalize its products and make recommendations.
- Advertise and market to you, including sending promotional communications, targeting advertising, and presenting you with relevant offers.

☐ Incorrect

Q52) What three elements does a role assignment consist of?

☒ Security principal

Explanation:-Access management for cloud resources is a critical function for any organization that is using the cloud. Azure role-based access control (RBAC) helps you manage who has access to Azure resources, what those individuals can do with those resources, and what areas they have access to. The way you control access to resources using Azure RBAC is to create role assignments. This is a key concept to understand as it has to do with how permissions are enforced. A role assignment consists of three elements: security principal, role definition, and scope.

☐ Services

☒ Role definition

Explanation:-Access management for cloud resources is a critical function for any organization that is using the cloud. Azure role-based access control (RBAC) helps you manage who has access to Azure resources, what those individuals can do with those resources, and what areas they have access to. The way you control access to resources using Azure RBAC is to create role assignments. This is a key concept to understand as it has to do with how permissions are enforced. A role assignment consists of three elements: security principal, role definition, and scope.

☒ Scope

Explanation:-Access management for cloud resources is a critical function for any organization that is using the cloud. Azure role-based access control (RBAC) helps you manage who has access to Azure resources, what those individuals can do with those resources, and what areas they have access to. The way you control access to resources using Azure RBAC is to create role assignments. This is a key concept to understand as it has to do with how permissions are enforced. A role assignment consists of three elements: security principal, role definition, and scope.

Q53) An organization has multiple virtual machines hosted in its Azure environment. As per the organization's information security (InfoSec) policy, there is a requirement to limit the amount of inbound traffic to all the Azure VNets. Which of the following enables inbound traffic filtering?

☐ Azure CDN

☒ Azure Firewall

Explanation:-Azure Firewall is a managed, cloud-based network security service that protects Azure virtual network resources (see the diagram). It is a fully stateful firewall-as-a-service with built-in high availability and unrestricted cloud scalability.

You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources, allowing outside firewalls to identify traffic originating from your virtual network. The service is fully integrated with Azure Monitor for logging and analytics.

☐ Azure VPN Gateway

☐ Azure Hybrid DC on-premise firewall

Q54) Where in the Azure portal can you find the security options shown in the following screen?

☐ Azure Sentinel

☒ Azure Security Center

Explanation:-Microsoft uses a wide variety of physical, infrastructure, and operational controls to help secure Azure, but there are additional actions you need to take to help safeguard your workloads. For example, you can turn on Security Center to quickly strengthen your security posture and protect against threats. Security Center offers posture management for your cloud workloads and enhanced threat protection with Security Center Standard tier.

☐ Azure Firewall

☐ Azure Information Protection

Q55) Your organization has four Azure subscriptions. You need to apply the same role-based access control (RBAC) permissions to all these subscriptions. How can you accomplish your goal with the least administrative effort?

☒ Place the subscriptions into the same management group.

☐ Place the subscriptions into the same Log Analytics workspace.

☐ Place the subscriptions into the same resource group.

☐ Place the subscriptions into the same App Service plan.

Q56) Your organization plans to develop several web applications that will run in Azure App Service. You need to give your developers the ability to register these applications with Azure. What should you use?

- ☐ Azure AD IdP

☒ Azure AD role

Explanation:-By using Azure Active Directory (Azure AD), you can designate limited administrators to manage identity tasks in less-privileged roles. Administrators can be assigned for purposes such as adding or changing users, assigning administrative roles, resetting user passwords, managing user licenses, and managing domain names. The default user permissions can be changed only in user settings in Azure AD.

- ☐ Azure AD PIM
- ☐ Azure AD Connect

Q57) Correct or Incorrect: When you apply a lock at a parent scope, all resources within that scope inherit the same lock.

☒ Correct

Explanation:-When you apply a lock at a parent scope, all resources within that scope inherit the same lock. Even resources you add later inherit the lock from the parent. The most restrictive lock in the inheritance takes precedence.

☐ Incorrect

Q58) Your organization runs its IT infrastructure in Azure. You need to verify that an outage the organization is experiencing is due to a problem on Microsoft's side. What should you do?

- ☐ Create a metric alert
- ☐ Create a Network Watcher instance
- ☐ Check the Azure Service Trust portal
- ☒ Check Azure Service Health

Explanation:-Azure Service Health is a suite of experiences that provide personalized guidance and support when issues in Azure services are or may affect you in the future. Azure Service Health is composed of Azure status, the service health service, and Resource Health.

Q59) An organization is on the roadmap to lift and shift all its infrastructure and services to Azure. The auditors want to ensure that the cloud complies with regional regulations and legislations in terms of data consumption and usage. Which of the following can help identify the services that are compliant and can be subscribed to by the organization?

- ☐ Azure Marketplace ISV notices
- ☒ Azure Trust Center

Explanation:-Azure Trust Center was launched with the goal of providing customers and partners with easier access to regulatory compliance information.

- ☐ Azure Help and Support
- ☐ Azure Sentinel

Q60) Correct or Incorrect: Azure China has distinct pricing and requires an account separate from an Azure global account.

- ☐ Incorrect
- ☒ Correct

Explanation:-Azure China has distinct pricing and requires an account separate from an Azure global account. Microsoft Azure operated by 21Vianet (Azure China) is a physically separated instance of cloud services located in China. It's independently operated and transacted by Shanghai Blue Cloud Technology Co., Ltd., a wholly owned subsidiary of Beijing 21Vianet Broadband Data Center Co., Ltd. Any customer data on Azure China stays within China.

Q61) An organization has multiple virtual machines hosted in its Azure environment. As per the organization's information security (InfoSec) policy, there is a requirement to limit the amount of inbound traffic to all the Azure VNets. Which of the following enables inbound traffic filtering?

- ☐ Azure CDN
- ☐ Azure VPN Gateway
- ☐ Azure Hybrid DC on-premise firewall
- ☒ Azure Firewall

Explanation:-Azure Firewall is a managed, cloud-based network security service that protects Azure virtual network resources (see the diagram). It is a fully stateful firewall-as-a-service with built-in high availability and unrestricted cloud scalability.

You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources, allowing outside firewalls to identify traffic originating from your virtual network. The service is fully integrated with Azure Monitor for logging and analytics.

Q62) Your organization is considering migrating its local IT infrastructure to Azure. You need to read Microsoft's policies regarding customer data privacy in the Azure public cloud. Where should you look up this information?

- ☐ TCO Calculator
- ☒ Microsoft Trust Center

Explanation:-Azure Trust Center was launched with the goal of providing customers and partners with easier access to regulatory compliance information.

- ☐ Service Trust Portal
- ☐ Azure SLAs

Q63) Your organization plans to migrate much of its local business data to Microsoft Azure, and you need to research Microsoft's compliance certifications. Where should you look?

- ☐ Service Trust Portal
- ☒ Trust Center

Explanation:-Azure Trust Center was launched with the goal of providing customers and partners with easier access to regulatory compliance information.

- TCO Calculator
- Cloud Adoption Framework

Q64) Your organization runs its line-of-business (LOB) applications in virtual machines (VMs) located on an Azure virtual network. You need to protect these VMs against a distributed denial of service (DDoS) attack while reducing the costs to a minimum. Which of these solutions best fits the requirements?

- Enable the Azure Security Center Standard pricing tier.
- ✔ No action is necessary.

Explanation:-Distributed denial of service (DDoS) attacks are some of the largest availability and security concerns facing customers moving their applications to the cloud. A DDoS attack attempts to exhaust an application's resources, making the application unavailable to legitimate users. DDoS attacks can be targeted at any endpoint that is publicly reachable through the Internet. The Azure Basic DDoS service tier is automatically enabled as part of the Azure platform. Always-on traffic monitoring and real-time mitigation of common network-level attacks provide the same defenses utilized by Microsoft's online services.

- Implement Azure DDoS Protection Standard.
- Configure Azure Traffic Manager.

Q65) To which Azure components can Azure locks be applied?

- ✔ Azure resource group

Explanation:-As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly. In the portal, these locks are called Delete and Read-only, respectively:

- CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.
- ReadOnly means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

- Azure Information Protection
- ✔ Azure subscription

Explanation:-As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly. In the portal, these locks are called Delete and Read-only, respectively:

- CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.
- ReadOnly means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

- Azure security center

Q66) Multiple independent software vendors (ISVs) have listed their firewalls in the Azure Marketplace. However, you have an option to leverage Microsoft Azure's own firewall, which is called _____.

- Azure Private
- ✔ Azure Firewall

Explanation:-Azure Firewall is a managed, cloud-based network security service that protects your Azure virtual network resources (see the diagram). It is a fully stateful firewall-as-a-service with built-in high availability and unrestricted cloud scalability.

You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources, allowing outside firewalls to identify traffic originating from your virtual network. The service is fully integrated with Azure Monitor for logging and analytics.

- Azure Firebase
- Azure Sentinel

Q67) Your organization runs its line-of-business (LOB) applications in Azure. You need to configure Azure to notify you when any Azure virtual machine (VM) is shut down or restarted. What should you do?

- Write a query in Azure Log Analytics.
- Enable guest diagnostics on your Azure VMs.
- Configure Azure Security Center.
- ✔ Define an alert in Azure Monitor.

Explanation:-The service failure notifications can be viewed from Azure Monitor. Pertinent to virtual machines, Resource Health events can represent one of four health statuses:

- Available
- Unavailable
- Degraded
- Unknown

Additionally, Resource Health events can be categorized as being platform initiated or user initiated.

Q68) Which Azure service is being used to display the following screen for the West US region?

- Azure Support
- ✔ Azure Service Health

Explanation:-Azure Service Health is a combination of three separate smaller services:

- Azure Status: Informs you of service outages in Azure. The page provides a global view of the health of all Azure services across all Azure regions. The Status page is a good reference for incidents with widespread impact, but we strongly recommend that current Azure users leverage Azure Service Health to stay informed about Azure incidents and maintenance.
- Azure Service Health: Provides a personalized view of the health of the Azure services and regions you're using. This is the best place to look for service-impacting communications about outages, planned maintenance activities, and other health advisories because the authenticated Azure Service Health experience knows which services and resources you currently use. The best way to use Service Health is to set up Service Health alerts to notify you via your preferred communication channels when service issues, planned maintenance, or other changes may affect the Azure services and regions you use.

• Azure Resource Health: Provides information about the health of your individual cloud resources, such as a specific virtual machine instance. Using Azure Monitor, you can also configure alerts to notify you of availability changes to your cloud resources. Azure Resource Health along with Azure Monitor notifications can help you stay better informed about the availability of your resources minute by minute and quickly assess whether an issue is due to a problem on your side or related to an Azure platform event.

- ☐ Azure IOT Hub
- ☐ Azure HDInsights

Q69) To create or delete management locks, which built-in roles must you have access to? 9Select two)

- ☒ User Access Administrator
- ☒ Owner

Explanation:-To create or delete management locks, you must have access to Microsoft.Authorization/* or Microsoft.Authorization/locks/* actions. Of the built-in roles, only Owner and User Access Administrator are granted those actions.

- ☐ Reader
- ☐ Contributor

Q70) Can users located in USA , use the services offered as part of “Azure Germany”?

- ☐ No, only users located in Germany
- ☐ No, only Enterprises and users located in Germany
- ☒ Yes, All customers who intend to do business in the EU

Explanation:-This is mentioned in the Microsoft documentation. For more information on Azure Germany, please visit the below URL <https://docs.microsoft.com/en-us/azure/germany/germany-welcome>

- ☐ No, only Enterprises in Germany

Q71)

Your company is planning on using Azure AD for authentication to the resources defined in Azure.

Does Azure AD have in-built capabilities for securing authentication and authorization to resources?

- ☐ No
- ☒ Yes

Explanation:-For authentication, there are multiple ways to secure the sign in process. As shown in the Microsoft documentation below, you can use additional security options such as Security questions, Multi-Factor authentication etc. For authorization, you can use the various roles available in Azure.

Q72)

A company wants to make use of Azure for deployment of various solutions. They want to ensure that whenever users authenticate to Azure, they have to make use of Multi-Factor Authentication.

Which of the following can help them achieve this?

- ☐ Azure privileged identity management

Explanation:- is incorrect since this service is mostly used to give just-in-time access to resources

- ☐ Azure DDoS protection

Explanation:-This is incorrect since this is a solely a solution to protect against DDoS attacks

- ☐ Azure Security Centre

Explanation:-This is incorrect since this is a unified infrastructure security management system in Azure

- ☒ Azure AD Identity Protection

Explanation:-With Azure AD Identity Protection, you can make use of policies that can enforce MFA for users. This is mentioned in Microsoft documentation. For more information on how to use MFA policies in identity protection, please visit the below URL <https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-mfa-policy>

Q73)

A company wants to setup users in their Azure Account. They have segregated their users into groups. They now want to ensure they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.

You recommend using Azure Policies.

Does this recommendation meet the requirement?

- ☒ No

Explanation:-Azure policies are used from more of a governance aspect. The Microsoft documentation mentions these policies. For more information on Azure policies, please visit the below URL <https://docs.microsoft.com/en-us/azure/governance/policy/overview>

- ☐ Yes

Q74)

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Standard support plan.

Does this meet the goal?

☒ Correct

Explanation:-The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone. Reference: <https://azure.microsoft.com/en-in/support/plans/>

☐ Incorrect

Q75)

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed.

Does this meet the goal?

☒ Correct

Explanation:-The solution is correct because irrespective of OS, PowerShell is the main tool here.

☐ Incorrect

Explanation:-

The answer would have been incorrect if we assume that the cloud shell has to be web-based only then we would be able to run the script. Without specifying the use of Cloud CLI, it assumes a local running of PowerShell. Leading to the solution being incorrect.
