Question 281	CertyIQ

DRAG DROP -
Your company intends to subscribe to an Azure support plan.
The support plan must allow for new support requests to be opened.
Which of the following are support plans that will allow this? Answer by dragging the correct option from the list to the answer area.
Select and Place:

Options

Basic
Developer
Standard
PROFESSIONAL DIRECT
PREMIER

Answer

Options

Options
Basic
Developer
Standard
PROFESSIONAL DIRECT
PREMIER

Answer

Correct Answer:

Answer
Basic
Developer
Standard
PROFESSIONAL DIRECT

Explanation:

Correct: Basic > Developer > Standard > Professional Direct.

As Premier is now only supported for the existing users until 1st July 2022, but not for new users, this question shows that you are a new user.

As of July 1, 2021, Microsoft will no longer enter into Premier Support agreements for new customers.

Beginning July 1, 2022, Microsoft will no longer offer Premier Support agreements for renewing customers.

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

Question 282   CertyIQ

Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.
You are configuring the two datacenters as geo-clustered sites for site resiliency.
You need to recommend an Azure storage redundancy option.
You have the following data storage requirements:
⊷ Data must be stored on multiple nodes.
⊷ Data must be stored on nodes in separate geographic locations.
⊷ Data can be read from the secondary location as well as from the primary location
Which of the following Azure stored redundancy options should you recommend?

   A. Geo-redundant storage

   B. Read-only geo-redundant storage

   C. Zone-redundant storage

   D. Locally redundant storage

Explanation:

Geo-redundant storage (with GRS or GZRS) replicates your data to another physical location in the secondary region to protect against regional outages. However, that data is available to be read only if the customer or Microsoft initiates a failover from the primary to secondary region. When you enable read access to the secondary region, your data is available to be read at all times, including in a situation where the primary region becomes unavailable. For read access to the secondary region, enable read-access geo-redundant storage (RA-GRS) or read-access geo-zone-redundant storage (RA-GZRS).

Question 283   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's Azure subscription includes a Basic support plan.
They would like to request an assessment of an Azure environment's design from Microsoft. This is, however, not supported by the existing plan.
You want to make sure that the company subscribes to a support plan that allows this functionality, while keeping **expenses to a minimum**.
Solution: You recommend that the company subscribes to the **Professional Direct** support plan.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

Answer is B

Architectural Support

Basic Plan - None - $0

Developer - General guidance - $29/month

Standard - General guidance - $100/month

Professional Direct - Guidance from a pool of ProDirect delivery managers - $1,000/month

While keeping expenses to a minimum". That is the point. So a std plan would sufficient

Reference: -

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

Question 284   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying **Azure virtual machines** for your company.
You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Software as a Service (SaaS).
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Virtual Machines is IaaS

This is the most basic category of cloud computing services. With IaaS, you rent IT infrastructure—servers and virtual machines (VMs), storage, networks, and operating systems—from a cloud provider on a pay-as-you-go basis.

Reference:

https://azure.microsoft.com/en-us/overview/what-is-iaas/

Question 285	CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying **Azure virtual machines** for your company.
You need to make use of the appropriate cloud deployment solution.
Solution: You should make use **of Platform as a Service (PaaS)**.
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Virtual Machine is an IaaS. The answer is B

Platform as a service refers to cloud computing services that supply an on-demand environment for developing, testing, delivering, and managing software applications. PaaS is designed to make it easier for developers to quickly create web or mobile apps, without worrying about setting up or managing the underlying infrastructure of servers, storage, network, and databases needed for development.

https://azure.microsoft.com/en-us/overview/what-is-iaas/#overview

Question 286	CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying **Azure virtual machines** for your company.
You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of **Infrastructure as a Service (IaaS).**
Does the solution meet the goal?

A. Yes

B. No

Explanation:

Virtual Machines and Azure storage accounts is IaaS

Text to refer under IaaS: "Azure virtual machines are fully operational virtual compute devices running in Microsoft datacenters."

https://docs.microsoft.com/en-us/learn/modules/fundamental-azure-concepts/categories-of-cloud-services

Question 287   CertyIQ

Your developers have created 10 web applications that must be host on Azure.
You need to determine which Azure web tier plan to host the web apps. The web tier plan must meet the following requirements:
☞ The web apps will use custom domains.
☞ The web apps each require 10 GB of storage.
☞ The web apps must each run in dedicated compute instances.
☞ Load balancing between instances must be included.
☞ Costs must be minimized.
Which web tier plan should you use?

A. Standard

B. Basic

C. Free

D. Shared

Explanation:

Please read the requirements: Many are not noting here the load balancing fact.

The web apps will use custom domains. (Basic, Shared and standard Support custom domain)

The web apps each require 10 GB of storage. (Basic and standard support this)

The web apps must each run in dedicated compute instances. (Basic support 3 instance max where standard support 10max)

Load balancing between instances must be included. (Free, shared and basic don't support load balancing. standard and above tier only support load balancing/autoscaling)

Costs must be minimized. Standard is less costly than premium and isolated. I hope this is clear to chose the correct answer as STANDARD.

https://azure.microsoft.com/en-us/pricing/details/app-service/windows/

Question 288   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are planning to migrate a company to Azure. Each of the company's numerous divisions will have an administrator in place to manage the Azure resources used by their respective division.
You want to make sure that the Azure deployment you employ allows for Azure to be segmented for the divisions, while keeping administrative effort to a minimum.
Solution: You plan to make use of several Azure Active Directory (Azure AD) directories.
Does the solution meet the goal?

   A. Yes

   B. No

Explanation:

The proposed solution is: You plan to make use of several Azure Active Directory (Azure AD) directories.

I think the key word is SEVERAL. Why in the world a company will create SEVERAL AADs when it can create a single AAD and organize its divisions right there?

This is why I consider the correct answer B (No).

Question 289   CertyIQ

Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment.
You plan to host the web app on Azure.
You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:
⊂⊛ The website will use the miami.weyland.com URL.
⊂⊛ The website will be deployed to two instances.
⊂⊛ SSL support must be included.
⊂⊛ The website requires 12 GB of storage.
⊂⊛ Costs must be minimized.
Which web tier plan should you use?

   A. Standard

   B. Basic

C. Free

D. Shared

Explanation:

keyword 12 GB

The website requires 12 GB of storage. - It should be standard, because Basic provides upto 10gb of storage and all other options will be costly

Free = 1 GB

Shared = 1 GB

Basic = 10 GB

Standard = 50 GB

Premium = 250 GB

Isolated = 1 TB

https://azure.microsoft.com/en-us/pricing/details/app-service/windows/

Question 290	CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.
You are required make sure that the intended Azure solution uses the correct expenditure model.
Solution: You should recommend the use of the elastic **expenditure model**.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

This question seems to be adapted from a 4-way multi choice question where the 4 answers are: A. Operational Expenditure B. Capital Expenditure C. Scalable Expenditure D. Elastic Expenditure. C and D are nonsense terms. The correct answer here is A. operational expenditure. B. Capital Expenditure is wrong as you are not buying assets.

Elasticity is not an expenditure model rather is one of the characteristics of could computing.

https://azure.microsoft.com/en-us/overview/what-is-elastic-computing/

The basic advantage of cloud computing is shifting your high Capital Expenditure (CAPEX) requirements to optimal Pay -As-You-Go model which is Operational Expenditure (OPEX)

https://azure.microsoft.com/en-us/pricing/purchase-options/pay-as-you-go/

Question 291   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.
You are required make sure that the intended Azure solution uses the correct expenditure model.
Solution: You should recommend the use of the scalable **expenditure model.**
Does the solution meet the goal?

   A. Yes

   B. No

Explanation:

Answer is NO.

Because we have two expenditure models. One is Cap-Ex, another is Op-Ex. So Scalable Expenditure is not the right answer.

Question 292   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.
You are required make sure that the intended Azure solution uses the correct expenditure model.
Solution: You should recommend the use of the operational **expenditure model.**
Does the solution meet the goal?

   A. Yes

   B. No

Explanation:

Answer is Yes.

Operating expenditures are ongoing costs of doing business. Consuming cloud services in a pay-as-you-go model could qualify as an operating expenditure.

https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/strategy/business-outcomes/fiscal-outcomes

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are required to deploy an **Artificial Intelligence (AI)** solution in Azure.
You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.
Solution: You should make use of Azure Cosmos DB.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

Answer should be Machine Learning Studio (classic). Correct answer is NO

Machine Learning Studio = predictive

Machine Learning Studio (classic) is a drag-and-drop tool you can use to build, test, and deploy predictive analytics solutions.

Azure Cosmos DB is a fully managed NoSQL database for modern app development.

AI Fits with ML not with Cosmos DB so ANs B

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's Active Directory Forest includes thousands of user accounts.
You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.
You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.
Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (Azure AD).
Does the solution meet the goal?

A. Yes

B. No

Explanation:

It is beneficial to sync your on-premise AD with the AD Azure to minimize the impact on users

Azure AD Connect is used to synchronize user accounts, group memberships, and credential hashes from an on-premises AD DS environment to Azure AD. ... For example, if a user changes their password using Azure AD self-service password management, the password is updated back in the on-premises AD DS environment.

https://docs.microsoft.com › azure

Question 295

CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are required to deploy an **Artificial Intelligence (AI)** solution in Azure.
You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.
Solution: You should make use of **Azure Machine Learning** Studio.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

Machine Learning Studio (classic) is a drag-and-drop tool you can use to build, test, and deploy predictive analytics solutions.

https://docs.microsoft.com/bs-cyrl-ba/azure/machine-learning/classic/

Question 296

CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.
The resources required by each business unit are identical.
You are required to sanction a strategy to create Azure resources automatically.
Solution: You recommend that the Azure API Management service be included in the strategy.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

Answer is B - No. Azure API Management Service i(APIM) is a way to create and manage customer APIs for existing backend services. The Question is asking about a way to create Azure resources automatically (on the fly). ARM (**Azure Resource Manager**) is a tool that automates the deployments on the AZ cloud.

Question 297

CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.
The resources required by each business unit are identical.
You are required to sanction a strategy to create Azure resources automatically.
Solution: You recommend that management groups be included in the strategy.
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Answer seems correct. It should be ARM template.

https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/overview

To meet these challenges, you can automate deployments and use the practice of infrastructure as code. In code, you define the infrastructure that needs to be deployed. The infrastructure code becomes part of your project. Just like application code, you store the infrastructure code in a source repository and version it. Any one on your team can run the code and deploy similar environments.

Question 298   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.
The resources required by each business unit are identical.
You are required to sanction a strategy to create Azure resources automatically.
Solution: You recommend that the **Azure Resource Manager templates** be included in the strategy.
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Answer seems correct.

https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/overview

To meet these challenges, you can automate deployments and use the practice of infrastructure as code. In code, you define the infrastructure that needs to be deployed. The infrastructure code becomes part of your project. Just like application code, you store the infrastructure code in a source repository and version it. Any one on your team can run the code and deploy similar environments.

Question 299   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure. You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.
Solution: You include **two virtual machines** and **one availability zone** in your strategy.
Does the solution meet the goal?

A. Yes

B. No

Explanation:

The answer is NO.

to ensure 99.99 SLA you need 2 VMs in 2 availability zone

For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

For all Virtual Machines that have two or more instances deployed in the same Availability Set or in the same Dedicated Host Group, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.

For any Single Instance Virtual Machine using Premium SSD or Ultra Disk for all Operating System Disks and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 99.9%.

For any Single Instance Virtual Machine using Standard SSD Managed Disks for Operating System Disk and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 99.5%.

For any Single Instance Virtual Machine using Standard HDD Managed Disks for Operating System Disks and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 95%.

Question 301   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure. You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.
Solution: You include **one** virtual machine and **two availability zones** in your strategy.
Does the solution meet the goal?

A. Yes

<mark>B. No</mark>

Explanation:

For all Virtual Machines that have TWO or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

"SLA for Virtual Machines Last updated: July 2020", https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

That was cited in: https://docs.microsoft.com/en-us/azure/availability-zones/az-overview after '

With Availability Zones, Azure offers industry best 99.99% VM uptime SLA. '

References:

https://docs.microsoft.com/en-us/azure/availability-zones/az-overview

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Question 302   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.
Solution: You recommend the use of **Microsoft Managed Desktop**.
Does the solution meet the goal?

A. Yes

<mark>B. No</mark>

Explanation:

Answer correct: It is not Microsoft Managed Desktop it should be Azure DevTest Labs.

Welcome to Microsoft Managed Desktop

Microsoft Managed Desktop brings together Microsoft 365 Enterprise, cloud-based device management by Microsoft, and security monitoring, enabling you to free your IT team to focus on core business needs. Currently, the Microsoft Managed Desktop service is offered only by invitation. Learn more on Microsoft docs or contact your Microsoft account manager. If you're unfamiliar with Microsoft Managed Desktop, learn more about the service.

Question 303   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of **Azure Reserved Virtual Machines (VM)** Instances.

Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

The correct answer is B. **Azure DevTest Labs** enable you to quickly create environments using reusable templates and artifacts.

An Azure Reserved Virtual Machine Instance (RI) is a virtual machine (VM) on the Microsoft Azure public cloud that has been reserved for dedicated use on a one- or three-year basis. ... Azure RIs are available for all Azure VM types, except for the A-series, A_v2 series and the G-series

Question 304	**CertyIQ**

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of **Azure DevTest Labs.**

Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Use DevTest Labs

Answer is correct

Quickly provision development and test environments

Minimize waste with quotas and policies

Set automated shutdowns to minimize costs

Build Windows and Linux environments

Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1.
The company has users that work remotely. The remote workers require access to the VMs on VNet1.
You need to provide access for the remote workers.
What should you do?

    A. Configure a Site-to-Site (S2S) VPN.

    B. Configure a VNet-toVNet VPN.

    C. Configure a Point-to-Site (P2S) VPN.

    D. Configure DirectAccess on a Windows Server 2012 server VM.

    E. Configure a Multi-Site VPN

Explanation:

Answer = C.

For people who want to read more about the VPN Gateway designs (point-to-site, site-to-site, VNet to VNet etc.)

A Point-to-Site (P2S) VPN gateway connection lets you create a secure connection to your virtual network from an individual client computer. ... P2S VPN is also a useful solution to use instead of S2S VPN when you have only a few clients that need to connect to a VNet.

use this link to learn more: https://docs.microsoft.com/en-us/azure/vpn-gateway/design

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.
You are required to make sure that during the deployment, the administrative credentials are **encrypted** using a suitable Azure solution.
Solution: You recommend the use of **Azure Information Protection**.
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

Key vault encrypt the data. So, the answer should be no

Azure Information Protection (AIP) is a cloud-based solution that enables organizations to discover, classify, and protect documents and emails by applying labels to content.

Question 307

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.
You are required to make sure that during the deployment, the administrative credentials are **encrypted** using a suitable Azure solution.
Solution: You recommend the use of **Azure Multi-Factor Authentication (MFA).**
Does the solution meet the goal?

   A. Yes

   B. No

Explanation:

key word = concern that administrative CREDENTIALS could be uncovered during this process = Key Vault

MFA adds an additional layer to the authentication process, but it doesn't keep your credential safe.

Question 308

DRAG DROP -
The company would like to develop a cloud solution by making use of Azure Government. Azure Government can only be used by certain types of clients to develop cloud solutions.
Which of the following are the types of customers that can make use of Azure Government in this situation?
Answer by dragging the correct option from the list to the answer area.
Select and Place:

Options

A government contractor from any country.
A government entity from any country.
A European government contractor.
A European government entity.
A United States government contractor.
A United States government entity.

Answer

Correct Answer:

Options

A government contractor from any country.
A government entity from any country.
A European government contractor.
A European government entity.
A United States government contractor.
A United States government entity.

Answer

A United States government contractor.
A United States government entity.

Explanation:

Azure Government is the mission-critical cloud, delivering breakthrough innovation to US government customers and their partners. Only US federal, state, local, and tribal governments and their partners have access to this dedicated instance.

References:

https://docs.microsoft.com/en-us/learn/modules/intro-to-azure-government/2-what-is-azure-government

(https://azure.microsoft.com/en-us/global-infrastructure/government/get-started/)

Question 309	CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.
You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.
Solution: You configure the use of **Azure AD Identity Protection**.
Does the solution meet the goal?

   A. Yes

   B. No

Explanation:

Azure Active Directory Identity Protection: - Risk detection and remediation

Identity Protection identifies risks of many types, including:

Anonymous IP address use

Atypical travel

Malware linked IP address

Unfamiliar sign-in properties

Leaked credentials

Password spray

https://docs.microsoft.com/zh-tw/azure/active-directory/identity-protection/concept-identity-protection-policies

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Question 310	CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.

You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure AD **Privileged Identity Management**.

Does the solution meet the goal?

A. Yes

B. No

Explanation:

Correct service would be **Azure AD Identity Protection.**

Privileged Identity Management provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access permissions on resources that you care about. Here are some of the key features of Privileged Identity Management:

Provide just-in-time privileged access to Azure AD and Azure resources

Assign time-bound access to resources using start and end dates

Require approval to activate privileged roles

Enforce multi-factor authentication to activate any role

Use justification to understand why users activate

Get notifications when privileged roles are activated

Conduct access reviews to ensure users still need roles

Download audit history for internal or external audit

Prevents removal of the last active Global Administrator role assignment

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Question 311	**CertyIQ**

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are planning a strategy to deploy numerous web servers and database servers to Azure.

This strategy should allow for connection types between the web servers and database servers to be controlled.

Solution: You include **network security groups (NSGs)** in your strategy.

Does the solution meet the goal?

A. Yes

B. No

Explanation:

You can use an Azure network security group to filter network traffic to and from Azure resources in an Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port, and protocol.

Reference: -

https://docs.microsoft.com/zh-tw/azure/virtual-network/network-security-group-how-it-works

Question 312   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are planning a strategy to deploy numerous web servers and database servers to Azure.
This strategy should allow for connection types between the web servers and database servers to be controlled.
Solution: You include a **local network gateway** in your strategy.
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

The local network gateway is a specific object that represents your on-premises location (the site) for routing purposes.

A local network gateway represents the hardware or software VPN device in your local network. Use this with a connection to set up a site-to-site VPN connection between an Azure virtual network and your local network.

Question 313   CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
Your company's Active Directory Forest includes thousands of user accounts.
You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.
You are required to employ a strategy **that reduces the effect on users**, once the planned migration has been completed.
Solution: You plan to require Azure **Multi-Factor Authentication (MFA).**
Does the solution meet the goal?

    A. Yes

    B. No

Explanation:

MFA isn't related with reducing the effect on users. The correct would-be syncing AD with Azure AD connect. So, B

The best way to resolve this issue would be to sync all the Active Directory user accounts to Azure Active Directory (Azure AD).

Question 314   CertyIQ

What does a customer provide in a software as a service (SaaS) model?

<mark>A. application data</mark>

B. data storage

C. compute resources

D. application software

Explanation:

the answer is A. the question is saying what the customer gives not the cloud provider!!!!!

SaaS provides a complete software solution which you purchase on a pay-as-you-go basis from a cloud service provider. You rent the use of an app for your organization and your users connect to it over the Internet, usually with a web browser. All of the underlying infrastructure, middleware, app software and app data are located in the service provider's data center. The service provider manages the hardware and software and with the appropriate service agreement, will ensure the availability and the security of the app and your data as well.

Reference:
https://azure.microsoft.com/en-in/overview/what-is-saas/

Question 315   CertyIQ

HOTSPOT -
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	○	○
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	○	○
Microsoft Intune is an example of software as a service (SaaS).	○	○

Answer Area

Correct Answer:

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	○	●
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	○	●
Microsoft Intune is an example of software as a service (SaaS).	●	○

Explanation:

Azure files is PaaS.

DNS server on Azure VM is IaaS.

Microsoft Intune is an example of software as a service.

So NNY.

Question 316   CertyIQ

HOTSPOT -
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
Cloud computing provides elastic scalability.	○	○
Customers can minimize capital expenditure (CapEx) by using a public cloud.	○	○
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	○	○

Answer Area

Correct Answer:

Statements	Yes	No
Cloud computing provides elastic scalability.	◉	○
Customers can minimize capital expenditure (CapEx) by using a public cloud.	◉	○
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	◉	○

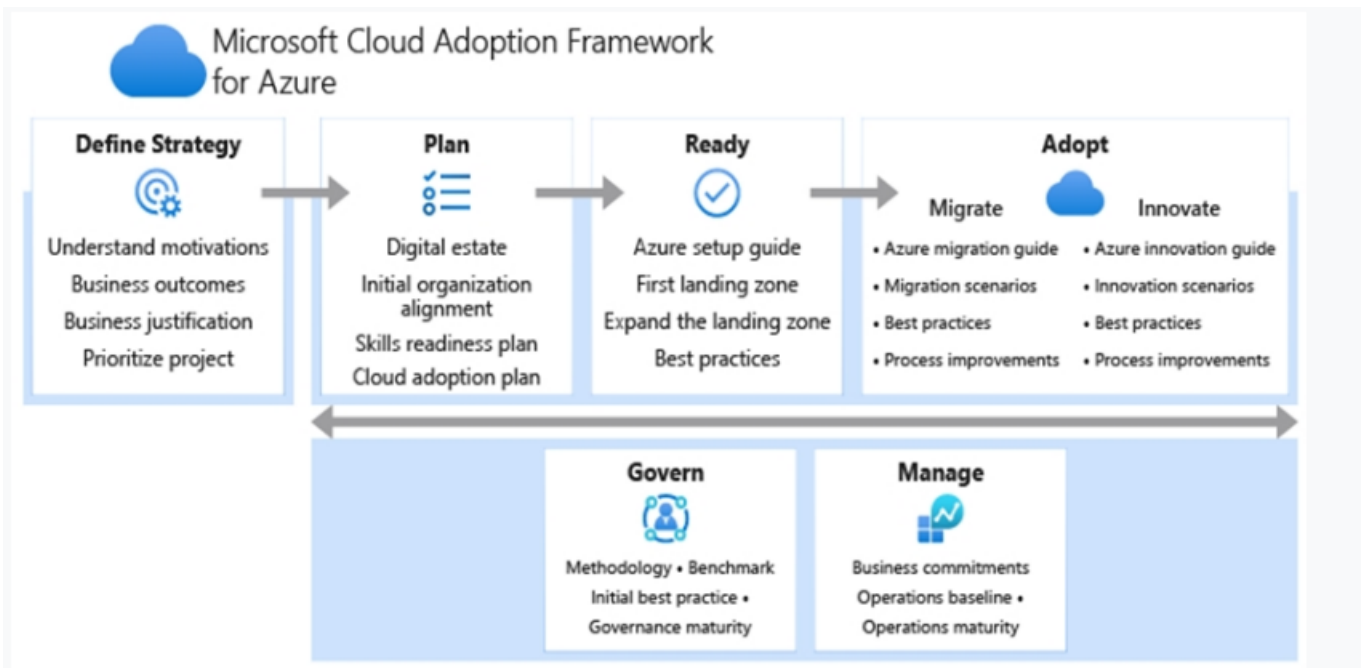**Question 317**   CertyIQ

What is the first stage in the Microsoft Cloud Adoption Framework for Azure?

A. Adopt the cloud.

B. Make a plan.

C. Ready your organization.

D. Define your strategy.

Explanation:

Remember SPRAGM!!

Strategy - Plan - Ready - Adopt - Govern - Manage

Microsoft Cloud Adoption Framework for Azure

Reference:
https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview

Question 318

CertyIQ

HOTSPOT -
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	○	○
A private cloud must be disconnected from the internet.	○	○
Part of a hybrid cloud is the public cloud.	○	○

Answer Area

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	○	◉
A private cloud must be disconnected from the internet.	○	◉
Part of a hybrid cloud is the public cloud.	◉	○

Correct Answer:

Explanation:

Box 1: No -
You cannot add physical servers to the public cloud. You can only deploy virtual servers in the public cloud. You can extend a private cloud by deploying virtual servers in a public cloud. This would create a hybrid cloud.

Box 2: No -
A private cloud exists in cyberspace and is accessed via the internet.
Box 3: Yes.

Reference:
https://azure.microsoft.com/en-gb/overview/what-are-private-public-hybrid-clouds/

Question 319   CertyIQ

HOTSPOT -
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
You must have physical servers to use cloud computing.	○	○
You must have internet connectivity to use cloud computing.	○	○
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	○	○

Answer Area

Statements	Yes	No
Correct Answer: You must have physical servers to use cloud computing.	○	◉
You must have internet connectivity to use cloud computing.	◉	○
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	◉	○

Explanation:

Box 1: No -
Virtual Machines works.

Box 2: Yes -
Simply put, cloud computing is the delivery of computing servicesג€"including servers, storage, databases, networking, software, analytics, and intelligenceג€"over the Internet (ג€the cloudג€) to offer faster innovation, flexible resources, and economies of scale.

Box 3: Yes –

Reference:
https://azure.microsoft.com/en-us/overview/what-is-cloud-computing/

Question 320   CertyIQ

DRAG DROP -
Match the cloud computing benefits to the correct descriptions.
To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.
Select and Place:

Answer Area

Benefits

Agility		Resources can be provisioned dynamically to meet changing demands.
Geo-distribution		Applications and data can be deployed to multiple regions.
Scalability		Applications can be developed, tested, and launched rapidly.

Answer Area

Benefits

Correct Answer:

Agility	Scalability	Resources can be provisioned dynamically to meet changing demands.
Geo-distribution	Geo-distribution	Applications and data can be deployed to multiple regions.
Scalability	Agility	Applications can be developed, tested, and launched rapidly.

Question 321 | CertyIQ

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure. You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.
Solution: You include two virtual machines and two availability zones in your strategy.
Does the solution meet the goal?

  A. Yes

  B. No

Explanation:

The answer is A, yes.

For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

End of Part 8 :-)

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