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Exam like Questions!



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AZ 900: Questions and Answers – Part 27

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Q501: You are building an application using a virtual machine in Azure. As a security requirement, it is necessary to apply Azure Multi-Factor Authentication (MFA) based on certain conditions. Which Azure service should you choose?

- a) Azure Monitor
- b) Azure Advanced Threat Protection (ATP)
- c) Azure Active Directory ID Protection
- d) Azure Security Center

Q501: You are building an application using a virtual machine in Azure. As a security requirement, it is necessary to apply Azure Multi-Factor Authentication (MFA) based on certain conditions. Which Azure service should you choose?

- a) Azure Monitor
- b) Azure Advanced Threat Protection (ATP)
- c) Azure Active Directory ID Protection
- d) Azure Security Center

Azure Active Directory ID Protection allows you to apply MFA with conditions. It is also used to detect risks such as anonymous IP address logins, unfamiliar sign-ins, and credential leaks. •

Q502: 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.

- 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



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- e) Configure a Multi-Site VPN

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.



Q503: Which of the following provides a command platform for deploying objects to your Cloud infrastructure and maintaining consistency throughout your Azure environment.

- a) Azure policy
- b) Resource group
- c) Azure resource manager
- d) Management group

Azure Resource Manager is a service that provides a management layer that allows you to create, update, and delete Azure resources, all while maintaining consistency across your Azure environment.

Q504: Your company is planning to move from an on-premises environment to Azure and you have decided to develop your application using Docker as the development environment.
Which of the following is the best service to use for this scenario?

- a) Azure App Services
- b) Azure Container Instances
- c) Azure Functions
- d) Azure virtual machine

Q504: Your company is planning to move from an on-premises environment to Azure and you have decided to develop your application using Docker as the development environment.
Which of the following is the best service to use for this scenario?

- a) Azure App Services
- b) Azure Container Instances
- c) Azure Functions
- d) Azure virtual machine

Azure Container Instances is a service that runs Docker containers on demand within your Azure environment. It can operate inside a separate container without orchestration and run event-driven applications, deploy quickly from the container development pipeline, and run data processing and build jobs.



Q505: Which statement accurately describes the Modern Lifecycle Policy for Azure services?

- a) Microsoft provides mainstream support for a service for five years.
- b) Microsoft provides a minimum of 12 months' notice before ending support for a service.
- c) After a service is made generally available, Microsoft provides support for the service for a minimum of four years.
- d) When a service is retired, you can purchase extended support for the service for up to five years.

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AZ 900: Questions and Answers – Part 27

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Q506: Azure Site Recovery provides fault tolerance for virtual machines.

Yes

No

Site Recovery is a native disaster recovery as a service (DRaaS)

Region:

Central US

Linux Windows

Usage Tiers

Free

Try

/s:

Use the miami.weyland.com URL.

Be deployed to two instances.

Web, mobile, or API apps

10

be included.

Has 12 GB of storage.

Disk space

1 Gi

imized.

Maximum instances

-

Should you use?

Custom domain

-



Auto Scale

-



Hybrid Connectivity

-



Virtual Network Connectivity

-



Private Endpoints

-



00:08:07 Pricing | Microsoft X + https://azure.microsoft.com/en-us/pricing/details/app-service/windows/ 130% ⌂

Region: Central US Currency: United States – Dollar (\$) USD Display pricing by: Hour

Linux Windows

Usage Tiers	Free Try for free	Shared Environment for dev/test	Basic Dedicated environment for dev/test	Standard Run production workloads	Premium Enhanced performance and scale	Isolated High-Performance, Security and Isolation
Web, mobile, or API apps	10	100	Unlimited	Unlimited	Unlimited	Unlimited
Disk space	1 GB	1 GB	10 GB	50 GB	250 GB	1 TB
Maximum instances	–	–	Up to 3	Up to 10	Up to 30*	Up to 100
Custom domain	–	Supported	Supported	Supported	Supported	
Auto Scale	–	–	–	Supported	Supported	
Hybrid Connectivity	–	–	Supported	Supported	Supported	
Virtual Network Connectivity	–	–	Supported	Supported	Supported	
Private Endpoints	–	–	Supported	Supported	Supported	



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Region:	Currency:	Display pricing by:
Central US	United States – Dollar (\$) USD	Hour

App Service Domain	Custom Domain
Price	\$11.99 per year (Privacy Protection included)

Azure App Service Certificates

Secure Sockets Layer (SSL) Certificates for custom domains are available on Basic, Standard, and Premium service plans. SSL Certificates enable secure connections (<https://>) to your custom domain Website.

Azure App Service customers can now purchase SSL Certificates to use with variety of apps. You can purchase Standard SSL Certificates or Wildcard SSL Certificates for the rates below. Both the SSL Certificates types have 1-year validity period, which can be set for auto-renewal upon purchase.

Managed Certificates is currently in Public Preview. Naked domains are not supported. Only issuing standard certificates (wildcard certificates are not available). One free certificate per custom domain.

Azure App Service Certificates	App Service Managed Certificates	Standard SSL Certificate	Wildcard SSL Certificate
Price	Free	\$69.99/ year /1-year validity	\$299.99/ year



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Region:

Curren

Display pricing by

Web, mobile, or API apps	10	100	Unlimited	Unlimited	Unlimited	Unlimited
Disk space	1 GB	1 GB	10 GB	50 GB	250 GB	1 TB
Maximum instances	–	–	Up to 3	Up to 10	Up to 30*	Up to 100
Custom domain	–	Supported	Supported	Supported	Supported	Supported
Auto Scale	–	–	–	Supported	Supported	Supported
Hybrid Connectivity	–	–	Supported	Supported	Supported	Supported
Virtual Network Connectivity	–	–	Supported	Supported	Supported	Supported
Private Endpoints	–	–	Supported	Supported	Supported	Supported
Compute Type	Shared	Shared	Dedicated	Dedicated	Dedicated	Isolated
Pay as you go price	Free	\$0.013/hour	\$0.075/hour	\$0.10/hour	\$0.20/hour	\$0.40/hour

* In select regions. Read more about scale out limits for Premium v2 plans.

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00:08:56 Pricing | Microsoft X + https://azure.microsoft.com/en-us/pricing/details/app-service/windows/ 130% ⌂

Region: Central US Currency: United States – Dollar (\$) USD Display pricing by: Hour

Linux Windows

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Hybrid Connectivity	–	–	Supported	Supported	Supported	Supported
Virtual Network	–	–	Supported	Supported	Supported	Supported

ssl ^ v Highlight All Match Case Match Diacritics Whole Words 1 of 26 matches ⌂ Chat with Sales X

Q507: 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?

STANDARD plan covers

- the custom domain
- up to 3 instances
- SSL support
- up to 50 GB of storage

- a) Standard
- b) Basic
- c) Free
- d) Shared



Q508: 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) Premium
- c) Basic
- d) Free
- e) Shared

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https://azure.microsoft.com/en-us/pricing/details/app-service/windows/ 130% ☆

Region: Central US Currency: United States – Dollar (\$) USD Display pricing by: Hour

Usage Tiers	Free Try for free	Shared Environment for dev/test	Basic Dedicated environment for dev/test	Standard Run production workloads	Premium Enhanced performance and scale	Isolated High-Performance, Security and Isolation
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Hybrid Connectivity	–	–	Supported	Supported	Supported	Supported
Virtual Network Connectivity	–	–	Supported	Supported	Supported	Supported
Private Endpoints	–	–	Supported	Supported	Supported	Supported

Chat with Sales

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Highlight All Match Case Match Diacritics Whole Words 1 of 26 matches

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Which web tier plan should you use?

- a) Standard
- b) Premium
- c) Basic
- d) Free
- e) Shared

Q509: 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?

Yes

No

Q509: 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?

Yes

No 

Azure Cosmos DB is a fully managed NoSQL database for modern app development. Single-digit millisecond response times, and automatic and instant scalability, guarantee speed at any scale.

Q510: 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?

Yes No

Q511: 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?

<input checked="" type="radio"/> Yes	<input type="radio"/> No
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Q512: What does a customer provide in a software as a service (SaaS) model?

- a) application data
- b) data storage
- c) compute resources
- d) application software

X Q513: 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.

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What is the Microsoft Cloud Adoption Framework for Azure?

Article • 03/27/2023 • 11 contributors

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The Microsoft Cloud Adoption Framework for Azure is a full lifecycle framework that enables cloud architects, IT professionals, and business decision makers to achieve their cloud adoption goals. It provides best practices, documentation, and tools that help you create and implement business and technology strategies for the cloud.

Following best practices for the Cloud Adoption Framework allows your organization to better align business and technical strategies and ensure success. Watch the following video to learn more.

[Understand the lifecycle](#)[Intent](#)[Intended audiences](#)[Use the Microsoft Cloud Adoption Framework for Azure](#)[Show more](#)

Q514: To which cloud models can you deploy physical servers?

- a) public cloud
- b) private cloud, hybrid cloud and public cloud
- c) hybrid cloud only
- d) private cloud and hybrid cloud

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- a) public cloud
- b) private cloud, hybrid cloud and public cloud
- c) hybrid cloud only
- d) private cloud and hybrid cloud

Q515: Your team needs to have a tool that can be used to process data from millions of sensors. Which of the following service can be used for this purpose?

- a) Azure Machine Learning.
- b) Azure IoT Hub.
- c) Azure AI bot.
- d) Azure Functions.

Q516: Your team needs a tool that can be used to correlate events from multiple resources into a central repository. Which of the following can be used for this purpose?

- a) Azure Event Hubs.
- b) Azure Security Center.
- c) Azure AD.
- d) Azure Log Analytics.

Q517: A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

Yes No

Q517: A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

Yes No •

A PaaS solution does not provide access to the operating system. The Azure Web Apps service provides an environment for you to host your web applications. Behind the scenes, the web apps are hosted on virtual machines running IIS.

However, you have no direct access to the virtual machine, the operating system or IIS.

Q518: A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

Yes No

Q519: A solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier



Yes	No
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Q520: A Platform as a Service (PaaS) solution can automatically scale the number of instances.

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Q520: A Platform as a Service (PaaS) solution can automatically scale the number of instances.

Yes No



SUBSCRIBED



- All
- Personalized
- None

Q520: A Platform as a Service (PaaS) solution can automatically scale the number of instances.

Yes

No

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Q520: A Platform as a Service (PaaS) solution can automatically scale the number of instances.

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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watching.

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