

Pregunta 1

True or false: If your feature is in the General Availability phase, then your feature will receive support from all Microsoft support channels.

FALSE

Respuesta correcta

TRUE

Explicación general

This is true. Do not use preview features in production apps.

For more info: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

Temática

Service lifecycle in Azure

Pregunta 2

Which of the following scenarios is best addressed by using Microsoft Entra ID?

Automating the deployment of virtual machines using Infrastructure as Code (IaC).

Explicación

Automating the deployment of virtual machines using Infrastructure as Code (IaC) is not directly related to the functionality of Microsoft Entra ID. This scenario is better addressed by tools like Azure Resource Manager templates or third-party IaC tools.

Monitoring the performance of Azure resources in real-time.

Explicación

Monitoring the performance of Azure resources in real-time is not the main purpose of Microsoft Entra ID. Monitoring and performance management tools like Azure Monitor or Application Insights are more suitable for this scenario.

Respuesta correcta

Providing a centralized identity management solution for hybrid cloud environments.

Explicación

Providing a centralized identity management solution for hybrid cloud environments is the primary use case for Microsoft Entra ID. It helps organizations manage user identities, access controls, and security policies across on-premises and cloud environments.

Storing and analyzing large volumes of structured data.

Explicación

Microsoft Entra ID is not specifically designed for storing and analyzing large volumes of structured data. It is more focused on identity management and access control in hybrid cloud environments.

Temática

Azure Identity services

Pregunta 3

What happens if Azure does not meet its own Service Level Agreement guarantee (SLA)?

The service will be free that month

Respuesta correcta

You will be financially refunded a small amount of your monthly fee

It's not possible. Azure will always meet it's SLA?

Explicación general

Microsoft offers a refund of 10% or 25% depending on how badly they miss their service guarantee

For more info: <https://azure.microsoft.com/en-us/support/legal/sla/>

Temática

Azure SLAs

Pregunta 4

What is the goal of a DDoS attack?

To extract data from a database

To trick users into giving up personal information

Respuesta correcta

To overwhelm and exhaust application resources

To crack the password from administrator accounts

Explicación general

DDoS is a type of attack that tries to exhaust application resources. The goal is to affect the application's availability and its ability to handle legitimate requests.

For more

info: <https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview>

Temática

Secure Azure Networking

Pregunta 5

What type of documents does the Microsoft Service Trust Portal provide?

Respuesta correcta

A list of standards that Microsoft follows, pen test results, security assessments, white papers, faqs, and other documents that can be used to show Microsoft's compliance efforts

Specific recommendations about your usage of Azure and ways you can improve

Documentation on the individual Azure services and solutions

A tool that helps you manage your compliance to various standards

Explicación general

A list of standards that Microsoft follows, pen test results, security assessments, white papers, faqs, and other documents that can be used to show Microsoft's compliance efforts

For more info: <https://servicetrust.microsoft.com/>

Temática

Privacy and compliance

Pregunta 6

Which of the following are one of the advantages of running your cloud in a private cloud?

Respuesta correcta

Assurance that your code, data and applications are running on isolated hardware, and on an isolated network.

You own the hardware, so you can change private cloud hosting providers easily.

Private cloud is significantly cheaper than the public cloud.

Explicación general

Private cloud generally means that you are running your code on isolated computing, not mixed in with other companies.

For more

info: <https://azure.microsoft.com/en-us/overview/what-are-private-public-hybrid-clouds/>

Temática

Public Private and Hybrid cloud

Pregunta 7

If you have an Azure free account, with a \$200 credit for the first month, what happens when you reach the \$200 limit?

You cannot create any more resources until you add more credits to the account.

Respuesta correcta

All services are stopped and you must decide whether you want to convert to a paid account or not.

Your account is automatically closed.

Your credit card is automatically billed.

Explicación general

Using up the free credits causes all your resources to be stopped until you decide to get a paid account.

For more info: <https://azure.microsoft.com/en-us/free/free-account-faq/>

Temática

Azure subscriptions

Pregunta 8

How many hours are available free when using the Azure B1S General Purpose Virtual Machines under a Azure free account in the first 12 months?

Indefinite amount of hrs

500 hrs

Respuesta correcta

750 hrs

300 hrs

Explicación general

Each Azure free account includes 750 hours free for Azure B1S General Purpose Virtual Machines for the first 12 months.

For more info: <https://azure.microsoft.com/en-us/free/free-account-faq/>

Temática

Azure costs

Pregunta 9

What is the service level agreement for two or more Azure Virtual Machines that have been placed into the same Availability Set in the same region?

99.90%

100%

Respuesta correcta

99.95%

99.99%

Explicación general

99.95%

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

Temática

Azure SLAs

Pregunta 10

With Azure public cloud, anyone with a valid credit card can sign up and get services immediately

FALSE

Respuesta correcta

TRUE

Explicación general

Yes, Azure public cloud is open to the public in all countries that Azure supports.

For more info: <https://docs.microsoft.com/en-us/learn/modules/create-an-azure-account/>

Temática

Public Private and Hybrid cloud

Pregunta 11

What is the recommended way within Azure to store secrets such as private cryptographic keys?

Azure Advanced Threat Protection (ATP)

In an Azure Storage account private blob container

Within the application code

Respuesta correcta

Azure Key Vault

Explicación general

Azure Key Vault - the modern way to store cryptographic keys, signed certificates and secrets in Azure

For more info: <https://docs.microsoft.com/en-us/azure/key-vault/>

Temática

Security tools and features

Pregunta 12

Which Azure service, when enabled, will automatically block traffic to or from known malicious IP addresses and domains?

Azure Active Directory

Network Security Groups

Respuesta correcta

Azure Firewall

Load Balancer

Explicación general

Azure Firewall has a threat-intelligence option that will automatically block traffic to/from bad actors on the Internet.

For more info: <https://docs.microsoft.com/en-us/azure/firewall/>

Temática

Azure management tools

Pregunta 13

Which database product offers "sub 5 millisecond" response times as a feature?

SQL Server in a VM

SQL Data Warehouse

Azure SQL Database

Respuesta correcta

Cosmos DB

Explicación general

Cosmos DB is low latency, and even offers sub 5-ms response times at some levels.

For more info: <https://docs.microsoft.com/en-us/azure/cosmos-db/introduction>

Temática

Core Azure products

Pregunta 14

What does it mean if a service is in Private Preview mode?

Anyone can use the service but it must not be for production use

Anyone can use the service for any reason

Respuesta correcta

You have to apply to get selected in order to use that service

The service is generally available for use, and Microsoft will provide support for it

Explicación general

Private Preview means you have to apply to use a service, and you may or may not be selected

For more info: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms>

Temática

Service lifecycle in Azure

Pregunta 15

Which feature within Azure alerts you to service issues that happen in Azure itself, not specifically related to your own resources?

Respuesta correcta

Azure Service Health

Azure Monitor

Azure Portal Dashboard

Azure Security Center

Explicación general

Azure Service Health - lets you know about any Azure-related service issues including region-wide downtime

For more info: <https://docs.microsoft.com/en-us/azure/service-health/>

Temática

Monitoring and reporting

Pregunta 16

What advantage does an Application Gateway have over a Load Balancer?

Application Gateway can be scaled so that two, three or more instances of the gateway can support your application.

Respuesta correcta

Application gateway understands the HTTP protocol and can interpret the URL and make decisions based on the URL.

Application Gateway is more like an enterprise-grade product. You should not use a load balancer in production.

Explicación general

Application gateway can make load balancing decisions based on the URL path, while a load balancer can't.

For more info: <https://docs.microsoft.com/en-us/azure/application-gateway/overview>

Temática

Core Azure products

Pregunta 17

Which Azure service can be enabled to enable Multi-Factor Authentication for administrators but not require it for regular users?

Azure AD B2B

Azure Firewall

Respuesta correcta

Privileged Identity Management

Advanced Threat Protection

Explicación general

Privileged Identity Management can be used to ensure privileged users have to jump through additional verification because of their role.

For more

info: <https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

Temática

Azure Identity services

Pregunta 18

Which two features does Virtual Machine Scale Sets provide as part of the core product? Pick two.

Firewall

Automatic installation of supporting apps and deployment of custom code

Selección correcta

Load balancing between virtual machines

Content Delivery Network

Selección correcta

Autoscaling of virtual machines

Explicación general

VMSS provides autoscale features and has a built in load balancer. You still need to have a way to deploy your code to the new servers, as you do with regular VMs.

For more info: <https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/>

Temática

Core Azure products

Pregunta 19

What is an Azure Subscription?

Respuesta correcta

It is the level at which services are billed. All resources created under a subscription are billed to that subscription.

Each user account is associated with a unique subscription. If you need more than one subscription, you need to create multiple user accounts.

Explicación general

Subscription is the level at which things get billed. Multiple users can be associated with a subscription at various permission levels.

For more

info: https://docs.microsoft.com/en-us/services-hub/health/azure_sponsored_subscription

Temática

Azure subscriptions

Pregunta 20

Which Azure compute service allows you to run containerized applications without managing the underlying infrastructure?

Respuesta correcta

Azure Container Instances

Explicación

Azure Container Instances is a serverless container service that enables you to run containers without the need to manage the underlying infrastructure. It offers a fast and efficient way to run containerized applications in Azure without the overhead of provisioning or maintaining servers, making it an ideal choice for running containerized applications without infrastructure management.

Azure Virtual Machines

Explicación

Azure Virtual Machines provide you with full control over the virtual machine's infrastructure, including the operating system, networking, and storage. It is not a service specifically designed for running containerized applications without the need to manage the underlying infrastructure.

Azure App Service

Explicación

Azure App Service is a platform-as-a-service (PaaS) offering that allows you to build, deploy, and scale web applications and APIs. While it provides a managed platform for hosting applications, it is not primarily focused on running containerized applications without the need to manage the underlying infrastructure.

Azure Kubernetes Service (AKS)

Explicación

Azure Kubernetes Service (AKS) is a managed Kubernetes service that allows you to deploy, scale, and manage containerized applications using Kubernetes. While it simplifies container orchestration, it still requires you to manage the underlying infrastructure of the Kubernetes cluster.

Temática

Core Azure products

Pregunta 21

What is the name of the collective set of APIs that provide machine learning and artificial intelligence services to your own applications like voice recognition, image tagging, and chat bot?

Azure AI Language services (formerly LUIS)

Respuesta correcta

Azure AI services (formerly Cognitive Services)

Azure Machine Learning Studio

Azure Batch

Explicación general

Azure AI Services is the set of Machine Learning and AI API's

For more info: <https://learn.microsoft.com/en-us/azure/ai-services/>

Temática

Core Azure solutions

Pregunta 22

What is a key benefit of using Azure Cloud Shell?

It provides a graphical user interface (GUI) for managing Azure services.

Explicación

Azure Cloud Shell does not provide a graphical user interface (GUI) for managing Azure services. It is specifically designed to offer a command-line interface within the browser, making it easier for users to interact with Azure resources using command-line tools and scripts.

Respuesta correcta

It provides a pre-configured, browser-based shell for managing Azure resources without requiring local installations.

Explicación

Azure Cloud Shell provides a pre-configured, browser-based shell that allows users to manage Azure resources without the need for local installations. This eliminates the need to set up and configure tools on individual machines, making it convenient and accessible for users to manage resources from any device with an internet connection.

It allows you to run virtual machines directly in the browser.

Explicación

Running virtual machines directly in the browser is not a key benefit of using Azure Cloud Shell. Azure Cloud Shell primarily focuses on providing a command-line interface for managing Azure resources, rather than running virtual machines.

It automatically optimizes the cost of your Azure resources.

Explicación

Azure Cloud Shell does not automatically optimize the cost of Azure resources. While it provides a convenient way to manage resources, cost optimization is typically achieved through other Azure services and tools designed for that specific purpose.

Temática

Azure management tools

Pregunta 23

TRUE OR FALSE: Azure Tenant is a dedicated and trusted instance of Microsoft Entra ID that's automatically created when your organization signs up for a Microsoft cloud service subscription.

FALSE

Respuesta correcta

TRUE

Explicación general

Yes, Azure Tenant is a dedicated and trusted instance of Microsoft Entra ID that's automatically created when your organization signs up for a Microsoft cloud service subscription.

See: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-what-is#which-features-work-in-azure-ad>

Temática

Azure Identity services

Pregunta 24

Which tool within the Azure Portal will make specific recommendations based on your actual usage for how you can improve your use of Azure?

Azure Service Health

Respuesta correcta

Azure Advisor

Azure Monitor

Azure Dashboard

Explicación general

Azure Advisor - a tool that will analyze your use of Azure and make you specific recommendations based on your usage across availability, security, performance and cost categories

For more info: <https://docs.microsoft.com/en-us/azure/advisor/>

Temática

Azure management tools

Pregunta 25

What is the core problem that you need to solve in order to have a high-availability application?

You need to ensure your server has a lot of RAM and a lot of CPUs

You need to ensure the capacity of your server exceeds your highest number of expected concurrent users

Respuesta correcta

You need to avoid single points of failure

You should have a backup copy of your application on standby, ready to be started up when the main application fails.

Explicación general

You'll want to avoid single points of failure, so that any component that fails does not cause the entire application to fail.

For more

info: <https://docs.microsoft.com/en-us/azure/architecture/guide/design-principles/redundancy>

Temática

Benefits of cloud services

Pregunta 26

What operating systems does an Azure Virtual Machine support?

Windows

macOS

Linux

Respuesta correcta

Windows and Linux

Windows, Linux and macOS

Explicación general

Azure Virtual Machines support Windows and Linux

For more info: <https://docs.microsoft.com/en-us/azure/virtual-machines/>

Temática

Core Azure products

Pregunta 27

What does the letter R in RBAC stand for?

Rights

Rule

Respuesta correcta

Role

Review

Explicación general

RBAC is role based access control

For more info: <https://docs.microsoft.com/en-us/azure/role-based-access-control/>

Temática

Azure governance methodologies

Pregunta 28

What are resource groups?

Within Azure security model, users are organized into groups, and those groups are granted permissions to resources

Automatically assigned groups of resources that all have the same type (virtual machine, app service, etc)

Based on the tag assigned to a resource by the deployment script, it is assigned to a group

Respuesta correcta

A folder structure in Azure in which you organize resources like databases, virtual machines, virtual networks, or almost any resource

Explicación general

Resource Groups - a folder structure in Azure in which you organize resources like databases, virtual machines, virtual networks, or almost any resource

For more

info: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/manage-resource-groups-portal>

Temática

Core Azure components

Pregunta 29

Which of the following would be an example of an Internet of Things (IoT) device?

Respuesta correcta

A refrigerator that monitors how much milk you have left and sends you a text message when you are running low

A mobile application that is used to watch online video courses

A video game, installed on Windows clients around the world, that keep user scores in the cloud.

A web application that people use to perform their banking tasks

Explicación general

An IoT device is not a standard computing device but connects to a network to report data on a regular basis. A web server, a personal computer, or a mobile app is not an IoT device.

For more info: <https://docs.microsoft.com/en-us/azure/iot-fundamentals/iot-introduction>

Temática

Core Azure solutions

Pregunta 30

What is the primary benefit of using Azure Virtual Desktop (AVD)?

It offers a serverless computing platform for running event-driven applications.

Explicación

Azure Virtual Desktop (AVD) is not a serverless computing platform. It is a desktop virtualization service that focuses on providing remote access to desktops and applications.

Respuesta correcta

It enables users to access virtualized desktops and applications from anywhere, on any device.

Explicación

The primary benefit of using Azure Virtual Desktop (AVD) is that it enables users to access virtualized desktops and applications from anywhere, on any device. This flexibility and accessibility are key advantages of using AVD.

It automates the deployment and management of containerized applications.

Explicación

Azure Virtual Desktop (AVD) does not automate the deployment and management of containerized applications. It is specifically designed for virtual desktop and application access, not containerized applications.

It provides a fully managed database service for relational and non-relational data.

Explicación

Azure Virtual Desktop (AVD) is not primarily focused on providing database services. It is a desktop and application virtualization service that allows users to access their desktops and applications remotely.

Temática

Pregunta 31

What is the primary purpose of Azure Sovereign Regions?

Respuesta correcta

To offer Azure services that comply with specific government regulations and data residency requirements.

Explicación

The correct answer. Azure Sovereign Regions are established to offer Azure services that comply with specific government regulations and data residency requirements. These regions are designed to ensure that sensitive data and workloads are kept within the boundaries of a specific country or region.

To provide lower-cost Azure services for small and medium-sized businesses.

Explicación

Azure Sovereign Regions are not specifically designed to provide lower-cost Azure services for small and medium-sized businesses. Their primary purpose is to address specific government regulations and data residency requirements.

To provide free Azure services for educational institutions and non-profits.

Explicación

Azure Sovereign Regions are not created to provide free Azure services for educational institutions and non-profits. Their main goal is to ensure compliance with government regulations and data residency requirements.

To enable faster performance for global applications by reducing latency.

Explicación

While Azure Sovereign Regions may indirectly contribute to faster performance for global applications by reducing latency in some cases, their primary purpose is not to enable faster performance. The main focus of these regions is to address regulatory and data residency concerns.

Explicación general

Some regions of the world require special contracts with the local provider such as Germany and China.

For more info: <https://docs.microsoft.com/en-us/azure/china/overview-checklist>

Temática

Azure management tools

Pregunta 32

How does Multi-Factor Authentication make a system more secure?

Respuesta correcta

It requires the user to have access to their verified phone in order to log in

It is another password that a user has to memorize, making it more secure

It doesn't make it more secure

It allows the user to log in without a password because they have already previously been validated using a browser cookie

Explicación general

Multi-Factor Authentication (MFA) - the concept of having something additional to a "password" that is required to log in; passwords are find-able or guessable; but having your mobile phone on you to receive a phone call, text or run an app to get a code is harder for an unknown hacker to get

For more

info: <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-how-it-works>

Temática

Azure Identity services

Pregunta 33

How do you stop your Azure account from incurring costs above a certain level without your knowledge?

Set up a billing alert to send you an email when it reaches a certain level

Only use Azure Functions which have a significant free limit

Switch to Azure Reserved Instances with Hybrid Benefit for VMs

Respuesta correcta

Implement the Azure spending limit in the Account Center

Explicación general

If you don't want to spend over a certain amount, implement a spending limit in the account center

For more

info: <https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/spending-limit>

Temática

Azure costs

Pregunta 34

What is the significance of the Azure region? Why is it important?

Region is just a folder structure in which you organize resources, much like file folders on a computer.

Respuesta correcta

You must select a region when creating most resources, and the region is the area of the world where those resources will be physically located.

Once you select a region, you cannot create resources outside of that region. So selecting the right region is an important decision.

Even though you have to choose a region when creating resources, there's generally no consequence of what you select. You can create a network in one region and then create virtual machines for that network in another region.

Explicación general

The region is the area of the world where resources get created. You can create resources in any region that you have access to. But there are sometimes restrictions when creating a resource in one region that related resources like networks must also be in the same region for logical reasons.

For more info: <https://azure.microsoft.com/en-us/global-infrastructure/geographies/#overview>

Temática

Core Azure components

Pregunta 35

Which style of computing is easiest when migrating an existing hosted application from your own data center into the cloud?

PaaS

FaaS

Respuesta correcta

IaaS

Serverless

Explicación general

Infrastructure as a service is the easiest to migrate into, from an existing hosted app - lift and shift

For more info: <https://azure.microsoft.com/en-us/overview/what-is-iaas/>

Temática

IaaS PaaS and SaaS

Pregunta 36

What does it mean that security is a "shared model" in Azure?

Azure takes no responsibility for security.

Respuesta correcta

Both users and Azure have responsibilities for security.

Azure takes care of security completely.

You must keep your security keys private and ensure it doesn't get out.

Explicación general

The shared security model means that, depending on the application model, you and Azure both have roles in ensuring a secure environment.

For more

info: <https://docs.microsoft.com/en-us/azure/security/fundamentals/shared-responsibility>

Temática

Security tools and features

Pregunta 37

Where can you go to see what standards Microsoft is in compliance with?

Azure Security Center

Azure Privacy Page

Azure Service Health

Respuesta correcta

Trust Center

Explicación general

The list of standards that Azure has been certified to meet is in the Trust Center

For more info: <https://www.microsoft.com/en-us/trust-center>

Temática

Privacy and compliance

Pregunta 38

What is a policy initiative in Azure?

Respuesta correcta

The ability to group policies together

A custom designed policy

Assigning permissions to a role in Azure

Requiring all resources in Azure to use tags

Explicación general

The ability to group policies together

For more

info: <https://docs.microsoft.com/en-us/azure/governance/policy/overview#initiative-definition>

Temática

Azure governance methodologies

Pregunta 39

What software is used to synchronize your on premises AD with your Azure AD?

Azure AD Domain Services

Respuesta correcta

AD Connect

LDAP

Azure AD Federation Services

Explicación general

AD Connect is used to synchronize your corporate AD with Azure AD.

For more

info: <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-azure-ad-connect>

Temática

Azure Identity services

Pregunta 40

Which of the following services would NOT be considered Infrastructure as a Service?

Virtual Network Interface Card (NIC)

Virtual Machine

Respuesta correcta

Azure Functions App

Virtual Network

Explicación general

Functions are small pieces of code that you give to Azure to run for you, and you have no access to the underlying infrastructure.

For more info: <https://docs.microsoft.com/en-us/azure/azure-functions/>

Temática

IaaS PaaS and SaaS

Pregunta 41

Why should you divide your application into multiple subnets as opposed to having all your web, application and database servers running on the same subnet?

Respuesta correcta

Separating your application into multiple subnets allows you to have different NSG security rules for each subnet, which can make it harder for a hacker to get from one compromised server onto another.

There are only a limited number of IP addresses available per subnet, so you need multiple subnets over a certain number.

Each server type of your application requires its own subnet. It's not possible to mix web servers, database servers and application servers on the same subnet.

Explicación general

For security purposes, you should not allow "port 80" web traffic to reach certain servers, and you do that by having separate NSG rules on each subnet.

For more

info: <https://docs.microsoft.com/en-us/azure/security/fundamentals/network-best-practices>

Temática

Secure Azure Networking

Pregunta 42

Which Azure management tool analyzes your usage of Azure and makes suggestions specifically targeted to help you optimize your usage of Azure regarding cost, security and performance?

Azure Mobile App

Respuesta correcta

Azure Advisor

Azure Firewall

Azure Service Health

Explicación general

Azure Advisor analyzes your specific usage of Azure and makes helpful suggestions on how it can be improved.

Temática

Azure management tools

Pregunta 43

Which Azure networking service allows you to securely connect your on-premises network to Azure over the internet?

Azure Load Balancer

Explicación

Azure Load Balancer is a service that distributes incoming network traffic across multiple servers to ensure high availability and reliability of applications. While it plays a crucial role in load balancing network traffic within Azure, it does not provide the functionality to securely connect your on-premises network to Azure over the internet.

Azure ExpressRoute

Explicación

Azure ExpressRoute is a private, dedicated connection between your on-premises network and Azure, bypassing the public internet. It provides a more secure and reliable connection compared to internet-based connections. However, it is **not the service** that allows you to securely connect your on-premises network to Azure **over the internet**.

Respuesta correcta

Azure VPN Gateway

Explicación

Azure VPN Gateway enables you to establish secure, encrypted connections between your on-premises network and Azure over the public internet. It uses VPN protocols to ensure data privacy and security during data transmission. This service is specifically designed for securely connecting on-premises networks to Azure over the internet.

Azure Virtual Network (VNet)

Explicación

Azure Virtual Network (VNet) allows you to create isolated networks in Azure and connect them to your on-premises network. While it provides network isolation and segmentation within Azure, it does not specifically enable secure connections over the internet between on-premises and Azure networks.

Temática

Security tools and features

Pregunta 44

What data format are ARM templates created in?

XML

YAML

HTML

Respuesta correcta

JSON

Explicación general

ARM templates are created in JSON

For more

info: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview>

Temática

Core Azure components

Pregunta 45

What two advantages does cloud computing elasticity give to you? Pick two.

Selección correcta

You can serve users better during peak traffic periods by automatically adding more capacity.

Selección correcta

You can save money.

Servers have become a commodity and Microsoft doesn't even need to even fix servers that fail within Azure.

You can do more regular backups and you won't lose as much when that backup gets restored

Explicación general

Elasticity saves you money during slow periods (over night, over the weekend, over the summer, etc) and also allows you to handle the highest peak of traffic.

For more info: <https://azure.microsoft.com/en-us/overview/what-is-elastic-computing/>

Temática

Benefits of cloud services

Pregunta 46

How many minutes per month downtime is 99.99% availability?

1

100

Respuesta correcta

4

40

Explicación general

99.99% is 4 minutes per month of downtime

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

Temática

Benefits of cloud services

Pregunta 47

Which of the following is a key benefit of using cloud services like Microsoft Azure?

Limited scalability and flexibility for changing workloads.

Explicación

One of the key benefits of using cloud services like Microsoft Azure is the scalability and flexibility they offer for changing workloads. Azure provides the ability to easily scale resources up or down based on demand, ensuring that organizations can adapt to changing business needs.

Increased responsibility for managing physical hardware and infrastructure.

Explicación

Cloud services like Microsoft Azure actually reduce the responsibility for managing physical hardware and infrastructure. With Azure, the cloud provider takes care of the underlying hardware, networking, and data center management, allowing organizations to focus more on their core business activities.

Fixed costs that do not vary based on usage.

Explicación

Unlike traditional on-premises solutions, cloud services like Microsoft Azure do not have fixed costs that remain constant regardless of usage. With Azure, organizations only pay for the resources and services they consume, leading to cost savings and better cost management.

Respuesta correcta

Reduced upfront capital expenditure (CapEx) by paying only for what you use.

Explicación

Using cloud services like Microsoft Azure allows organizations to reduce their upfront capital expenditure (CapEx) by only paying for the resources and services they actually use. This pay-as-you-go model helps in cost optimization and financial flexibility.

Explicación general

Operating Expenditure is thought to be preferable because you can fully deduct expenses when they are incurred.

For more

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

Temática

Benefits of cloud services

Pregunta 48

Deploying Azure App Services applications consists of what two components? Pick two.

Database scripts

Selección correcta

Configuration

Selección correcta

Packaged code

Managing operating system updates

Explicación general

Azure App Services, platform as a service, consists of code and configuration.

For more info: <https://docs.microsoft.com/en-us/azure/app-service/>

Temática

IaaS PaaS and SaaS

Pregunta 49

If you wanted to get an alert every time a new virtual machine is created, where could you create that?

Azure Dashboard

Azure Policy

Respuesta correcta

Azure Monitor

Subscription settings

Explicación general

The best place to track events at the resource level is Azure Monitor.

For more info: <https://docs.microsoft.com/en-us/azure/azure-monitor/>

Temática

Monitoring and reporting

Pregunta 50

What are groups of subscriptions called?

Subscription Groups

Azure Policy

Respuesta correcta

Management Groups

ARM Groups

Explicación general

Subscriptions can be nested and placed into management groups to make managing them easier.

For more

info: <https://docs.microsoft.com/en-us/azure/governance/management-groups/overview>

Temática

Core Azure components