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A company is moving to the cloud and wants to enhance the provisioning of compute, storage, security, and networking. Which of the following will be leveraged?

- A. Infrastructure as code
- B. Infrastructure templates
- C. Infrastructure orchestration
- D. Infrastructure automation

Suggested Answer: A

Community vote distribution

A (100%)

🗳️ **LiviT** 1 month, 4 weeks ago

Selected Answer: A

Infrastructure as code is the appropriate solution. Embracing the Infrastructure as code methodology will enable the organization to improve the provisioning of computing, storage, security, and networking resources. IaC facilitates version control, promotes efficient and scalable management, and automates infrastructure resources.

upvoted 1 times

🗳️ **SophyQueenCR82** 7 months, 2 weeks ago

A-To enhance the provisioning of compute, storage, security, and networking in the cloud, the company will likely leverage Infrastructure as Code (IaC). IaC allows for automated and consistent management of these resources through code, making it easier to provision, configure, and manage cloud infrastructure efficiently and reliably.

Additionally, IaC can integrate with various cloud services to automate the deployment and scaling of compute, storage, networking, and security configurations, ensuring that all resources are provisioned according to best practices and organizational requirements.

upvoted 1 times

🗳️ **SecurityGuy** 1 year, 6 months ago

Selected Answer: A

<https://stackify.com/what-is-infrastructure-as-code-how-it-works-best-practices-tutorials/>

upvoted 1 times

🗳️ **Alizade** 1 year, 7 months ago

Selected Answer: A

the best way for a company to enhance the provisioning of compute, storage, security, and networking in the cloud is to use infrastructure as code.

upvoted 1 times

🗳️ **studyingveryhard** 1 year, 8 months ago

Explanation of Correct Answer

Infrastructure as code is the correct answer. By adopting the Infrastructure as code approach, the company will be able to enhance the provisioning of compute, storage, security, and networking resources. IaC allows for version control, efficient and scalable management, and automation of infrastructure resources.

Source: <https://examlab.co/comptia/cloud-essentials-clo-002>

upvoted 2 times

🗳️ **atlasgooner** 2 years ago

Selected Answer: A

IaC should be the answer. The question is asking about provisioning.

upvoted 1 times

🗳️ **macxsz** 2 years, 4 months ago

Selected Answer: A

Correct answer:A

infrastructure as code helps with automating provisioning of resources

confirmed in book material



"Infrastructure as code (IaC) comes in the form of cloud automation templates, which normally use the JavaScript Object Notation (JSON) file format."

upvoted 2 times

  **terry6020** 4 years ago

Infrastructure automation is the use of technology that performs tasks with reduced human assistance in order to control the hardware, software, networking components, operating system (OS), and data storage components used to deliver information technology services and solutions.

upvoted 1 times

  **JD_TDG** 4 years, 4 months ago

For the given choices, the answer must be (A) Infrastructure as Code (IaC). IaC templates may be and are created to simplify deployments. I disqualify (B), (C), and (D) for a common reason: none of the terms are even valid within the CompTIA CLO-002 body of knowledge. Further reasons to disqualify (B) – (D): (B) the templates used to automate deployments are in fact IaC templates, not "infrastructure templates"; (C) DEPLOYMENT of infrastructure is ORCHESTRATED, not the infrastructure itself; and similarly (D) DEPLOYMENT of infrastructure is AUTOMATED not the infrastructure itself.

upvoted 4 times

Which of the following services would restrict connectivity to cloud resources?


- A. Security lists
- B. Firewall
- C. VPN
- D. Intrusion detection system

Suggested Answer: B

Community vote distribution

B (60%)

A (40%)

 **TheAWSGuru** Highly Voted 3 years, 5 months ago

Answer is B - Firewall is the right answer
upvoted 10 times

 **LiviT** Most Recent 1 month, 4 weeks ago

Selected Answer: B

A firewall is a network security mechanism that oversees and regulates both incoming and outgoing network traffic according to established security protocols. It can be tailored to permit or deny certain types of traffic, thereby effectively managing access to cloud resources in accordance with the guidelines established by network administrators.
upvoted 1 times

 **SophyQueenCR82** 7 months, 2 weeks ago

Firewall is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules. It can be configured to allow or block specific types of traffic, effectively restricting connectivity to cloud resources based on the rules set by the administrators.
upvoted 1 times

 **SophyQueenCR82** 7 months, 2 weeks ago

B FIREWALL
upvoted 1 times

 **SecurityGuy** 1 year, 6 months ago

Selected Answer: B

"A security list is a virtual firewall used to control traffic at the packet level."
This is technically a firewall technology in general.

I'd go with Firewall.
upvoted 3 times

 **studyingveryhard** 1 year, 8 months ago

Explanation of Correct Answer

The correct answer is Firewall. Firewalls are designed to restrict connectivity to cloud resources by filtering incoming and outgoing traffic based on security rules. These rules can be customized to only allow traffic from specific IP addresses, ports, or protocols, effectively limiting access to the resources behind the firewall. By properly configuring a firewall, you can secure your cloud resources from unauthorized access.

Source: <https://examlab.co/comptia/cloud-essentials-clo-002>

upvoted 3 times

 **atlasgooner** 2 years ago


Selected Answer: A

A should be the answer. Most public clouds will have some implementations of this. Azure has Network Security Groups and Application Security Groups. AWS has Network Access Control Lists and Security Groups.
upvoted 2 times

 **raja3149** 2 years, 1 month ago

Answer is B

upvoted 1 times

 **KingDrew** 2 years, 2 months ago

Firewall - B

upvoted 1 times

Which of the following cloud characteristics helps transform from a typical capital expenditure model to an operating expenditure model?

- A. Pay-as-you-go
- B. Elasticity
- C. Self-service
- D. Availability

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ **LiviT** 1 month, 4 weeks ago

Selected Answer: A

Pay-As-You-Go (PAYG) is a pricing structure that allows users to pay solely for the resources or services they consume, eliminating the need for a fixed contract or advance payment. This approach is commonly adopted in sectors such as cloud computing, mobile services, utilities, and financial transactions.

upvoted 1 times

🗨️ **SophyQueenCR82** 7 months, 2 weeks ago

Pay-As-You-Go (PAYG) is a pricing model commonly used in cloud computing and other services where users are charged based on their actual usage of resources, rather than a fixed fee. This model allows for greater flexibility and cost efficiency, as users only pay for what they use.

upvoted 1 times

🗨️ **SecurityGuy** 1 year, 6 months ago

Selected Answer: A

Capital Expenditures (CapEx)

- Are purchases of significant goods or services that will be used to improve a company's performance in the future.
- They include the cost of fixed assets and the acquisition of intangible assets such as patents and other forms of technology.

Operating Expenses (OpEx)

- Operating expenses are the costs that a company incurs for running its day-to-day operations.
- As such, they don't apply to any costs related to the production of goods and services.

<https://www.investopedia.com/ask/answers/112814/whats-difference-between-capital-expenditures-capex-and-operational-expenditures-opex.asp>

Pay-as-you-go (PAYG)

It is a payment method for cloud computing that charges based on usage.

<https://www.techtarget.com/searchstorage/definition/pay-as-you-go-cloud-computing-PAYG-cloud-computing>

upvoted 1 times

🗨️ **studyingveryhard** 1 year, 8 months ago

Explanation of Correct Answer

The correct answer is Pay-as-you-go.

This cloud characteristic allows users to pay only for the resources and services they consume, which helps transform the business model from a typical capital expenditure model, where significant upfront investments are required, to an operating expenditure model, where costs are incurred on an ongoing basis and tied to actual usage. By allowing businesses to avoid large upfront investments and instead pay for what they use, pay-as-you-go pricing can help reduce costs and provide more financial flexibility.

upvoted 1 times

Which of the following DevOps options is used to integrate with cloud solutions?

- A. Provisioning
- B. API
- C. SOA
- D. Automation

Suggested Answer: B

Community vote distribution

B (100%)

🗨️ 👤 **LiviT** 1 month, 4 weeks ago

Selected Answer: B

An API, or Application Programming Interface, comprises a collection of standards, protocols, and tools that facilitate communication between various software applications. It specifies the format for requests and responses, thereby allowing for smooth data transfer and the integration of functionalities across different systems.

upvoted 1 times

🗨️ 👤 **SophyQueenCR82** 7 months, 2 weeks ago

The DevOps option used to integrate with cloud solutions is B. API (Application Programming Interface).

APIs allow different software applications and services to communicate with each other. In the context of DevOps and cloud computing, APIs are commonly used to integrate various tools, platforms, and services, enabling automation, provisioning, and management of cloud resources.

upvoted 1 times

🗨️ 👤 **Saravana12g** 3 years, 1 month ago

Selected Answer: B

API is correct

upvoted 2 times

A document that outlines the scope of a project, specific deliverables, scheduling, and additional specific details from the client/buyer is called a:

- A. statement of work.
- B. standard operating procedure.
- C. master service document.
- D. service level agreement.

Suggested Answer: D

Community vote distribution

A (100%)

🗨️ 👤 **quddus** Highly Voted 👍 5 years ago

This is not the correct answer, the correct answer is A (State of Work). 100% sure because it's clearly stated in the CompTia official study guide book.

upvoted 10 times

🗨️ 👤 **JD_TDG** Highly Voted 👍 4 years, 4 months ago

I agree that (A) Statement of Work is correct; I would only add that either provider or client may produce the SOW (for both to negotiate), though both would approve it as a component of the contractual agreement. The SLA, on the other hand, "defines an expected level of service from a vendor. The SLA will include specific metrics that prove whether the agreed-upon level of service has been satisfied. It will also define penalties if the service levels are not satisfied."

Finally, for completeness, from the CLO-002 official study guide, the SOW: "A Statement of Work may contain any or all of the following sections:

1. Introduction
2. Purpose and scope of the project
3. Where the work should take place
4. Tasks
5. Deliverables, milestones, schedules
6. Standards and testing
7. Define project success
8. Requirements
9. Payment details
10. Other details as needed
11. Closing statement"

upvoted 5 times

🗨️ 👤 **LiviT** Most Recent 🕒 1 month, 4 weeks ago

Selected Answer: A

A Statement of Work (SOW) is an official document that details the scope, goals, deliverables, timelines, and conditions of a project or agreement between two entities, such as a client and a service provider. It specifies the tasks to be accomplished, the methods to be employed, and the expected completion date, thereby providing clarity and mutual understanding prior to the commencement of work.

upvoted 1 times

🗨️ 👤 **SophyQueenCR82** 7 months, 2 weeks ago

A. statement of work (SOW).

A Statement of Work (SOW) is a document that outlines the scope of a project, specific deliverables, scheduling, and other specific details agreed upon by the client and the service provider. It serves as a formal agreement that defines what work will be performed and how it will be executed.

upvoted 1 times

🗨️ 👤 **broman** 1 year ago

a is the correct answer

upvoted 1 times

🗨️ 👤 **macxsz** 2 years, 4 months ago

Selected Answer: A

A. statement of work

"SLAs focus on cloud service performance, availability, and technical support. A statement of work (SOW) provides details about deliverables that result from a contract, such as an SLA."

upvoted 1 times

🗨️ 👤 **Frikandel** 2 years, 5 months ago

Why are so many answers here on ExamTopics just plain wrong? Does anyone actually check the answers? Makes it hard for us to know which ones are actually correct! I agree it's 'A' too.

upvoted 1 times

🗨️ 👤 **student** 4 years, 4 months ago

agreed

upvoted 1 times

🗨️ 👤 **MrCloudGuy** 4 years, 5 months ago

statement of work

upvoted 2 times

🗨️ 👤 **deadman54** 4 years, 10 months ago

Agree it is a "Statement of work".

upvoted 3 times

The cloud consumer compliance team requires the IT department to patch and update cloud resources properly. Which of the following cloud service delivery models will BEST suit this need?

- A. SaaS
- B. DBaaS
- C. DRaaS
- D. IaaS

Suggested Answer: D

Community vote distribution

D (100%)

  **studyt** Highly Voted 3 years, 8 months ago


No it is IaaS Infrastructure is the backend systems and must be patched and maintained by the cloud provider
upvoted 7 times

  **LiviT** Most Recent 1 month, 4 weeks ago

Selected Answer: D

Infrastructure as a Service (IaaS) is a cloud computing framework that delivers virtualized computing resources via the internet. This model enables organizations to lease IT infrastructure, including servers, storage, networking, and virtualization capabilities, on a pay-per-use basis, eliminating the need for the purchase and upkeep of physical hardware.

upvoted 1 times

  **macxs** 1 year, 4 months ago

Selected Answer: D

I think infrastructure as a service is correct.
In PaaS and SaaS is the cloud provider that manages the software.
In IaaS it is the customer.
upvoted 1 times

  **macxs** 1 year, 4 months ago

thinking it better, i think this question is hard to understand.
It is trying to say what model satisfied that need, so now the cloud provider should do that.
Answer would be A (SaaS)
upvoted 1 times

  **igorclapa** 4 months ago

Wrong. What SaaS product can you think of that requires YOU to patch/maintain it?
upvoted 1 times

  **student** 3 years, 4 months ago

I read it as the cloud team requires you to patch and update
upvoted 2 times

  **quddus** 4 years ago

The answer is 100% wrong. It must be A (SaaS)
Source: CompTIA official study guide book
upvoted 1 times

Which of the following are the main advantages of using ML/AI for data analytics in the cloud as opposed to on premises? (Choose two.)

- A. Cloud providers offer enhanced technical support.
- B. Elasticity allows access to a large pool of compute resources.
- C. The shared responsibility model offers greater security.
- D. AI enables DevOps to build applications easier and faster.
- E. A pay-as-you-go approach allows the company to save money.
- F. ML enables DevOps to build applications easier and faster.

Suggested Answer: *BE*

🗨️ **LiviT** 1 month, 4 weeks ago

Selected Answer: BE

Elasticity provides access to an extensive range of computing resources. A pay-as-you-go model enables the organization to reduce costs.
upvoted 1 times

🗨️ **SophyQueenCR82** 7 months, 2 weeks ago

The main advantages of using ML/AI for data analytics in the cloud as opposed to on-premises are:

B. Elasticity allows access to a large pool of compute resources.

- Cloud platforms provide elasticity, allowing users to scale up or down the computing resources as needed, which is especially beneficial for resource-intensive ML/AI tasks.

E. A pay-as-you-go approach allows the company to save money.

- The pay-as-you-go model in the cloud allows companies to pay only for the resources they use, which can result in cost savings compared to maintaining and scaling on-premises infrastructure.

These advantages highlight the flexibility and cost efficiency that cloud environments offer for ML/AI workloads.

upvoted 1 times

A web application was deployed, and files are available globally to improve user experience. Which of the following technologies is being used?

- A. SAN
- B. CDN
- C. VDI
- D. API

Suggested Answer: B

🗨️ 👤 **LiviT** 1 month, 4 weeks ago

Selected Answer: B

A Content Delivery Network (CDN) consists of a network of distributed servers that collaborate to provide web content to users more quickly, reliably, and securely, tailored to their geographic location.

upvoted 1 times

🗨️ 👤 **SophyQueenCR82** 7 months, 2 weeks ago

A web application was deployed, and files are available globally to improve user experience. Which of the following technologies is being used?

- A. SAN
- B. CDN
- C. VDI
- D. API

upvoted 1 times

🗨️ 👤 **SophyQueenCR82** 7 months, 2 weeks ago

The correct answer is B. CDN (Content Delivery Network).

A CDN is a technology used to distribute web content and files across multiple geographically distributed servers. This allows users to access the content from a server that is closest to them, improving load times and overall user experience.

upvoted 1 times

Volume, variety, velocity, and veracity are the four characteristics of:

- A. machine learning.
- B. Big Data.
- C. microservice design.
- D. blockchain.
- E. object storage.

Correct Answer: B

 **LiviT** 1 month, 4 weeks ago

Selected Answer: B

Big Data has generally been characterized by four attributes: volume, variety, velocity, and veracity.

These four dimensions of Big Data pose challenges and also create opportunities while handling large volumes of data:

Volume: Huge amounts of data generated daily may include information from social media, IoT devices, and all kinds of transactions.

Variety: Includes the different types of data such as structured, unstructured, and semi-structured emanating from a myriad of sources.

Velocity: Refers to the high speed at which data is generated, processed, and analyzed in real time.

Veracity: Concerns the credibility, precision, and quality of the data.

These characteristics underline the need for advanced data processing, storage, and analytics solutions—like cloud computing, artificial intelligence, and machine learning—to extract meaningful value from big data.

upvoted 1 times

A SaaS provider specifies in a user agreement that the customer agrees that any misuse of the service will be the responsibility of the customer. Which of the following risk response methods was applied?

- A. Acceptance
- B. Avoidance
- C. Transference
- D. Mitigation

Suggested Answer: B

Community vote distribution

B (100%)

🗨️ **LiviT** 1 month, 4 weeks ago

Selected Answer: C

Risk Transfer is the shifting of a potential risk to another entity by means of contractual agreements, insurance policies, or other third-party agreements. In this scenario, the SaaS provider has transferred the responsibility of misuse of the service onto the customer by getting him/her to agree to the user agreement. Therefore, in the event of misuse of the service, the customer will be entirely liable, hence mitigating any legal and financial risks to the SaaS provider.

upvoted 1 times

🗨️ **SophyQueenCR82** 7 months, 2 weeks ago

C. Transference.

Transference is a risk response method where the responsibility for the risk is shifted from one party to another, typically through contracts or agreements. In this case, the SaaS provider transfers the responsibility for any misuse of the service to the customer, as specified in the user agreement.

upvoted 1 times

🗨️ **SophyQueenCR82** 7 months, 2 weeks ago

Avoidance is a risk response method where actions are taken to completely eliminate a risk or prevent it from occurring. In the context of the scenario provided, the SaaS provider is not eliminating the risk of misuse; instead, they are transferring the responsibility for that risk to the customer.

upvoted 1 times

🗨️ **macxsz** 2 years, 4 months ago

Selected Answer: B

It is Avoidance.

Transfer is when risk is tranfered to a third party.

In this case, it is responsibility of the customer so the CSP is just avoiding that risk responsibility

upvoted 3 times

A cloud administrator for an ISP identified a vulnerability in the software that controls all the firewall rules for a geographic area. To ensure the software upgrade is properly tested, approved, and applied, which of the following processes should the administrator follow?

- A. Configuration management
- B. Incident management
- C. Resource management
- D. Change management

Suggested Answer: A

Community vote distribution

D (100%)

  **iqilito** Highly Voted 4 years, 10 months ago

D) Change management
upvoted 12 times

  **student** 4 years, 4 months ago

indeed
upvoted 2 times

  **SophyQueenCR82** Most Recent 7 months, 2 weeks ago

D. Change Management.

Change Management is the process that ensures that changes to IT systems, such as software upgrades, are properly evaluated, tested, approved, and implemented. This process is critical for minimizing risks and ensuring that changes do not negatively impact the system or its users. In this scenario, the cloud administrator should follow the change management process to handle the software upgrade for the firewall rules. In the scenario provided, the issue at hand is not responding to an active incident but rather managing a planned software upgrade to address a known vulnerability.



Change Management is the appropriate process because it focuses on making controlled changes, such as software upgrades, while ensuring that they are tested, approved, and implemented properly to avoid introducing new issues.

upvoted 1 times

  **Bluebird33** 1 year, 1 month ago

Selected Answer: D

Change Management
upvoted 1 times

  **szl0144** 2 years, 8 months ago

change management is correct
upvoted 3 times

A small online retailer is looking for a solution to handle the high load on its servers during the holiday season. The retailer is not currently ready to move its IT operations completely to the cloud.

Which of the following will BEST fit these requirements?

- A. Elasticity
- B. Scalability
- C. Bursting
- D. Self-service



Suggested Answer: C

Community vote distribution

C (100%)

  **iqilito** Highly Voted 4 years, 10 months ago

Should be A) Elasticity
upvoted 11 times

  **LeDarius3762** 2 years, 2 months ago

Yes correct
upvoted 1 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago



The correct answer is C. Bursting.

Cloud Bursting is a strategy where a system is primarily run on-premises, but during peak demand (such as the holiday season), the overflow traffic is "burst" to the cloud. This allows the retailer to handle high loads without needing to permanently move all IT operations to the cloud. Bursting is ideal for situations where the workload is usually steady but occasionally experiences significant spikes, such as during holidays.

- Elasticity and Scalability refer to general cloud concepts that allow resources to be dynamically adjusted to meet demand, but they imply more permanent cloud integration.
- Self-service refers to the ability for users to provision resources on-demand, which is not specifically about handling peak loads.

Bursting directly addresses the requirement of handling high load during specific periods without a full commitment to the cloud.

upvoted 1 times

  **macxsz** 2 years, 4 months ago

Selected Answer: C

I think it is bursting:

"Cloud bursting is a configuration method that uses cloud computing resources whenever on-premises infrastructure reaches peak capacity. When organizations run out of computing resources in their internal data center, they burst the extra workload to external third-party cloud services. Cloud bursting is a convenient and cost-effective way to support workloads with varying demand patterns and seasonal spikes in demand."

upvoted 4 times

A business analyst is drafting a risk assessment.

Which of the following components should be included in the draft? (Choose two.)



- A. Asset management
- B. Database type
- C. Encryption algorithms
- D. Certificate name
- E. Asset inventory
- F. Data classification



Suggested Answer: *AF*



  **KM** Highly Voted 4 years, 2 months ago
E and F

Below all are the part of the Risk Assessment.

Asset Inventory
Hardware
Software
Data
Classification
Ownership
Risk Owner
Asset Owner
upvoted 11 times

  **biskutrangup** Most Recent 3 months, 3 weeks ago
E & F, Asset management is not in the Official CompTIA Cloud Essentials+ Student Guide book
upvoted 1 times

  **JD_TDG** 3 years, 10 months ago
(E) Asset Inventory and (F) Data Classification are correct, as KM mentioned, they are directly cited in the CLO-002 study guide. Further, (A) Asset Management (AM) is incorrect because, (1) the term is not included in the CLO-002 body of knowledge; (2) though AM as a practice includes asset inventory practices, it also includes additional practices that are not relevant to risk assessment.
upvoted 3 times

  **iqilito** 4 years, 4 months ago
A and E
upvoted 2 times

Which of the following is a cloud service model that organizations use when their third-party ERP tool is provided as a complete service?

- A. Public cloud
- B. SaaS
- C. Hybrid cloud
- D. IaaS

Suggested Answer: B

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is B. SaaS (Software as a Service).

SaaS is a cloud service model where software applications, like an ERP (Enterprise Resource Planning) tool, are provided as a complete service over the internet. The service provider hosts and manages the application, and the organization accesses it via a web browser or an application interface, without worrying about the underlying infrastructure, maintenance, or updates.

upvoted 1 times

A cloud systems administrator needs to migrate several corporate applications to a public cloud provider and decommission the internal hosting environment. This migration must be completed by the end of the month. Because these applications are internally developed to meet specific business accounting needs, the administrator cannot use an alternative application.

Which of the following BEST describes the approach the administrator should use?

- A. Hybrid deployment
- B. Phased migration
- C. Lift and shift
- D. Rip and replace

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

A cloud administrator suggested using spot instances to reduce cloud costs for part of a new cloud infrastructure. Which of the following conditions must be addressed by the application that will run on these instances?

- A. The application needs to store data in a database.
- B. There is a restriction for distributed network communications.
- C. The application needs to handle unpredictable instance termination.
- D. Resource-intensive compute loads will be forbidden.

Correct Answer: C



Currently there are no comments in this discussion, be the first to comment!

An organization wants to migrate a locally hosted application to a PaaS model. The application currently runs on a 15-year-old operating system and cannot be upgraded.

Which of the following should the organization perform to ensure the application will be supported in the cloud?

- A. Risk register
- B. Feasibility study
- C. Benchmarks
- D. Baseline

Suggested Answer: *B*

  **biskutrangup** 3 months, 3 weeks ago

Absolutely !

upvoted 2 times

  **LeDarius3762** 1 year, 8 months ago

Correct

upvoted 2 times

Transferring all of a customer's on-premises data and virtual machines to an appliance, and then shipping it to a cloud provider is a technique used in a:


- A. phased migration approach.
- B. replatforming migration approach.
- C. rip and replace migration approach.
- D. lift and shift migration approach.

Suggested Answer: C

Community vote distribution

C (60%)

D (40%)

 **syamilizzat** 2 months, 3 weeks ago

Selected Answer: D

The answer is D: Lift and Shift

Why It's Lift and Shift:

Lift and Shift Definition: This strategy involves migrating existing workloads to the cloud without making significant changes to their architecture or code.

In this case, transferring data and virtual machines to a cloud environment as-is (using an appliance for efficiency) matches the essence of lift and shift: moving workloads to the cloud without re-architecting them.

Why It's Not Rip and Replace:

Rip and Replace Definition: This involves replacing an existing on-premises system with a new, typically cloud-native, solution (e.g., replacing an on-premises ERP with a SaaS ERP system).

The scenario described does not involve replacing the existing workloads with a new solution but instead transferring them to the cloud in their current form.

upvoted 2 times


 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is D. Lift and Shift migration approach.

Explanation:

- Lift and Shift: This migration approach involves moving applications, data, and workloads from on-premises infrastructure to the cloud with minimal or no modifications. The technique described—transferring all on-premises data and virtual machines to an appliance and then shipping it to a cloud provider—is characteristic of a Lift and Shift approach, as it involves moving existing environments to the cloud without redesigning or re-architecting them.

upvoted 1 times

 **BlueMan93** 9 months, 2 weeks ago

Selected Answer: D

Lift and shift since it is not being restructured.

upvoted 2 times

 **e1c0c38** 11 months ago

Lift and shift is the correct answer here.

Lift and shift migration involves moving applications and data from an on-premises environment directly to the cloud without making changes to the applications themselves. The goal is to replicate the existing computing environment in the cloud. The use of a physical appliance to transport data and virtual machines is a method employed within this strategy to minimize changes and streamline the transition, especially when dealing with large datasets or complex environments that would be time-consuming or impractical to transfer over the internet.

upvoted 1 times

 **Bluebird33** 1 year ago

Selected Answer: C

Lift and shift is correct.

upvoted 1 times

🗨️ 👤 **Rixo** 1 year, 10 months ago

What is lift and shift? "Lift and shift," also known as "rehosting," is the process of migrating an exact copy of an application or workload, together with its data store and operating system (OS), from IT one environment to another—usually from on-premises to public or private cloud.

Lift and Shift: An Essential Guide - IBM

IBM

<https://www.ibm.com › topics › lift-and-shift>

upvoted 3 times

🗨️ 👤 **Arnel101** 1 year, 11 months ago

Since the reference Book for the CompTia Cloud did not cleraly specify the media to be use or the Migration specific method of transfer (such as Online site to site, or via the used of of Secure Storage Media), catering the customer Data to a Device or a Storage and sending it to cloud provider is not clearly stated, nulling the written migration techniques such as lift and shift and etc.

Thats in my oponion B is the answer.

But they should choose better words. Specially the term replatforming.

upvoted 1 times

🗨️ 👤 **macxsz** 2 years, 4 months ago

Selected Answer: C

Its either C or D.

I think Rip and Replace fits better because it requires changes before moving it to the cloud:

Lift and shift cloud migrations involve moving IT systems and data from on premises to the cloud with little or no changes.

Rip and replace cloud migrations involve refactoring or redesigning IT solutions to suit the cloud environment.

upvoted 2 times

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

it cant be rip and replace since there is no mention of destroying anything: involves replacing the existing system or application with a completely new one, typically rebuilt from scratch in the cloud.

upvoted 1 times

🗨️ 👤 **harusuke** 2 years, 11 months ago

B does not exist in the scope of the test.

upvoted 2 times

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

it does replatforming some minor changes are made to the app as its moved to the cloud in order to help performance

upvoted 1 times

Which of the following models provides the SMALLEST amount of technical overhead?

- A. SaaS
- B. PaaS
- C. MaaS
- D. IaaS

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A mobile application development team requires frequent software updates for a major launch of a customer-facing application. The business requirement is to be first-to-market on a new feature that leverages third-party-hosted services.

Which of the following is the BEST approach to use for speed and efficiency?

- A. Proprietary code solution
- B. Application programming interface
- C. Regression testing
- D. Production load testing

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A developer is leveraging a public cloud service provider to provision servers using the templates created by the company's cloud engineer. Which of the following does this BEST describe?

- A. Subscription services
- B. Containerization
- C. User self-service
- D. Autonomous environments

Suggested Answer: C

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. User self-service.

Explanation:

- User Self-Service: This refers to the capability provided by cloud service providers that allows users, such as developers, to provision, manage, and configure resources (like servers) on their own, typically through a web interface or API, without needing to involve the cloud provider's support team. In this scenario, the developer is provisioning servers using templates created by the cloud engineer, which is a clear example of user self-service.

upvoted 1 times

A company has defined a multicloud model.

Which of the following is the MOST important aspect to consider when defining the company's needs?

- A. Change management
- B. Data sovereignty
- C. Data portability
- D. Data classification

Suggested Answer: C

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. Data Portability.

Explanation:

- Data Portability is the most critical aspect to consider in a multicloud model. This refers to the ability to move data and applications seamlessly between different cloud providers without compatibility issues or significant reconfiguration. In a multicloud environment, where resources are spread across multiple cloud platforms, ensuring that data can be easily transferred between these platforms is essential for flexibility, efficiency, and avoiding vendor lock-in.

upvoted 1 times

A company wants to ensure its existing functionalities are not compromised by the addition of a new functionality.

Which of the following is the BEST testing technique?

- A. Regression
- B. Stress
- C. Load
- D. Quality

Suggested Answer: A

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is A. Regression.

Explanation:

- Regression Testing: This testing technique is used to ensure that new code changes do not negatively impact the existing functionality of the software. When new features or functionalities are added, regression testing checks that the existing functionalities continue to work as expected and that no new bugs have been introduced in the process.

upvoted 1 times

A contract that defines the quality and performance metrics that are agreeable to both parties is called an:

- A. SOP.
- B. SOA.
- C. SOW.
- D. SLA.

Suggested Answer: *D*

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is D. SLA (Service Level Agreement).

Explanation:

- Service Level Agreement (SLA): This is a contract between a service provider and a customer that defines the specific quality, performance, and other service metrics that are expected and agreeable to both parties. SLAs outline the level of service to be provided, including uptime, response time, and other measurable criteria, and often include penalties or remedies if the agreed-upon levels are not met.
- upvoted 1 times

Following a risk assessment, a company decides to adopt a multicloud strategy for its IT applications. Which of the following is the company trying to avoid as part of its risk mitigation strategy?

- A. Geo-redundancy
- B. Vendor lock-in
- C. High availability
- D. Data sovereignty

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following BEST describes how a cloud provider helps a company with security risk responses?

- A. Acceptance
- B. Mitigation
- C. Avoidance
- D. Transference

Suggested Answer: B

Community vote distribution

B (100%)

  **macxsz** Highly Voted 2 years, 4 months ago

Selected Answer: B

Trasfering is transfer to a third party.

I think mitigation fits better as "mitigation involves implementing security controls to reduce the impact of realized threats."

upvoted 6 times

  **SophyQueenCR82** 7 months, 1 week ago

B. Mitigation: While cloud providers may help with mitigating certain risks, the broader concept in this context is transference of responsibility.

upvoted 1 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago

The correct answer is D. Transference.

Explanation:

• Transference: In the context of cloud computing, when a company uses a cloud provider, it transfers some of its security risks to the provider. This includes risks related to managing and securing the infrastructure, as the cloud provider is responsible for maintaining the physical security of data centers, handling patch management, and implementing certain security controls. The company still retains responsibility for other aspects, such as data security and access management, depending on the cloud service model (IaaS, PaaS, SaaS).

upvoted 1 times

A human resources department is considering a SaaS-based human resources portal and requires a risk analysis. Which of the following are requirements to consider? (Choose two.)

- A. Support
- B. Threats
- C. Chargebacks
- D. Vulnerabilities
- E. Maintenance
- F. Gap analysis

Suggested Answer: BD

Community vote distribution

BD (80%)

AE (20%)

  **iqilito** Highly Voted 4 years, 10 months ago

B and D

upvoted 11 times


  **SophyQueenCR82** Most Recent 7 months, 1 week ago

The correct answers are B. Threats and D. Vulnerabilities.

Explanation:

- B. Threats: When conducting a risk analysis, it is essential to identify potential threats that could exploit vulnerabilities in the SaaS-based human resources portal. Threats could include cyber-attacks, data breaches, or unauthorized access.
- D. Vulnerabilities: Identifying vulnerabilities in the SaaS solution is also critical. These are weaknesses that could be exploited by threats, such as insecure APIs, unpatched software, or inadequate access controls.

upvoted 1 times

  **BlueMan93** 9 months, 2 weeks ago

Selected Answer: BD

You need to focus on RISK.

upvoted 1 times

  **techcreators** 1 year, 6 months ago

Selected Answer: AE

Badly worded Ambiguous question

Actual Definition of requirement - a thing that is wanted or needed.

Colloquial Usage - Requirements to consider implies things to consider.

Support and Maintenance are requirements



The rest are Unwanted

upvoted 1 times

  **SophyQueenCR82** 7 months, 1 week ago

the trick is the mention of risk analysis



upvoted 1 times

  **macxsz** 2 years, 4 months ago

Selected Answer: BD

threads and vulnerabilities obviously

upvoted 3 times

  **szl0144** 2 years, 8 months ago

B AND D

upvoted 3 times

  **karnav** 3 years, 4 months ago

B and D are correct

upvoted 3 times

A company is in its second year of a three-year agreement with a cloud vendor. After the initial phase of the cloud migration, resource consumption has stabilized.

Which of the following would help the company reduce the cost of infrastructure?

- A. Reserved instances
- B. Pay-as-you-go
- C. Spot instances
- D. Bring your own license

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ **SophyQueenCR82** 7 months, 1 week ago

The correct answer is A. Reserved instances.

Explanation:

- Reserved Instances: These allow a company to commit to using a certain amount of cloud resources over a longer period (typically one or three years) in exchange for a significant discount compared to on-demand pricing. Since the company's resource consumption has stabilized, they can benefit from the cost savings associated with reserved instances, as they are likely to continue needing the same amount of resources.

upvoted 1 times

🗨️ **BlueMan93** 9 months, 2 weeks ago

Selected Answer: A

Reserved instances are hardware profiles that your organization commits to, usually for a period of one to three years. CSPs offer significant discounts for such commitments. The instance utilization is predictable and relatively steady. Reserved instances are a great choice for businesses who know that certain virtual machines will always be in use over a period of years.

upvoted 1 times

A project manager must inform the Chief Information Officer (CIO) of the additional resources necessary to migrate services to the cloud successfully.

Which of the following cloud assessments would be MOST appropriate to use for the recommendation?

- A. Feasibility study
- B. Gap analysis
- C. Future requirements
- D. Baseline report

Suggested Answer: B

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is B. Gap Analysis.

Explanation:

- Gap Analysis: This assessment identifies the differences between the current state of the organization's resources and capabilities and the desired future state. By understanding the "gap" between the current and required resources, the project manager can effectively recommend the additional resources necessary for a successful cloud migration. This is the most appropriate assessment to use when informing the CIO of what additional resources are needed.

upvoted 1 times

Which of the following is commonly used to forecast market trends?

- A. Serverless computing
- B. Data warehouse
- C. Machine learning
- D. Accelerated computing

Suggested Answer: C

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. Machine Learning.

Explanation:

- Machine Learning: This is commonly used to forecast market trends by analyzing large datasets, identifying patterns, and making predictions based on historical data. Machine learning algorithms can process vast amounts of data and provide insights that help organizations anticipate market movements and make informed decisions.

upvoted 1 times

A company has been running tests on a newly developed algorithm to increase the responsiveness of the application. The company's monthly bills for the testing have been much higher than expected.

Which of the following documents should the company examine FIRST?

- A. Memory report
- B. Compute report
- C. Network report
- D. Storage report

Suggested Answer: B

Community vote distribution

B (80%)

C (20%)

🗉 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is B. Compute report.

Explanation:

- Compute Report: This report tracks the usage of computing resources such as CPU and memory. Since the company is running tests on an algorithm, which typically requires significant computational power, the compute resources are likely the primary driver of the higher-than-expected bills. Examining the compute report first will help the company understand how much CPU or GPU resources were consumed during the testing phase and identify opportunities to optimize or reduce costs.

upvoted 1 times

🗉 **BlueMan93** 9 months, 2 weeks ago

Selected Answer: C

Network - this is based in the cloud.

upvoted 1 times

🗉 **techcreators** 1 year, 6 months ago

Not enough Information?

Depends what is more important the responsiveness of the application or the bill?

If the new revenue from increased responsiveness offsets the cost, then the responsiveness of the app is more important.

Checking the Network Report can determine how fast the app loads - maybe its a issue with load balancing? (macxsz stated it relates to latency and speed.)

If we are checking application responsiveness we'll be checking the network.

But what if we are concerned about the bill more as it may not be offset by future revenue.

Is the algorithm run more memory/compute/network/storage intensive (this is not stated).

If we are looking for the best answer what assumptions can we make.

Assuming this is a load balancing issue that causes delayed response times maybe it'd require more compute cycles to determine which server to query(finding the best alternative algorithm to round robin)?

upvoted 1 times

🗉 **Arnel101** 1 year, 11 months ago

The question is a little bit tricky, "responsiveness of the application" futher it could be Latency on the ACCESS on both ways.

However it also says what to check FIRST. but in real world our Network is set 1 Time constant configuration however we are talking Internet Networking over the cloud so in the base of Cloud matters latency first comes suspected is the link.

Network

Memory

and lastly Compute.

upvoted 1 times

🗨️ 👤 **macxsz** 2 years, 4 months ago

Selected Answer: B

I also think it is compute report.

That is my experience when I have used clouding services like AI. The more I used it the more compute (storage, CPU, etc) it consumes, so it charges more.

It does not matter how much time you are logged into the cloud application, but how many times you use it.

upvoted 4 times

🗨️ 👤 **accretiondisks** 4 years, 4 months ago

Should be B. Algorithms are processor intensive... and the extensively testing of them would increase your computing costs.

upvoted 3 times

🗨️ 👤 **thorstedc** 4 years, 1 month ago

Except for the fact that this is an exam on CLOUD essentials. ANYTHING you do, for the most part, is done over the network. And you have underlying processes and protocols that are using the bandwidth, as well. Network is the first thing you check if you notice bills are more than expected.

upvoted 4 times

🗨️ 👤 **macxsz** 2 years, 4 months ago

Network report relates more to latency and speed

upvoted 2 times

An organization's servers are experiencing performance degradation from oversubscription of memory in the virtual environment and exhausted physical RAM.

Which of the following cloud computing characteristics would BEST address the issue?

- A. Availability
- B. Elasticity
- C. Pay-as-you-go
- D. Self-service

Suggested Answer: *B*

 **SophyQueenCR82** 7 months, 1 week ago

b-Elasticity is the most appropriate characteristic to address the issue of performance degradation caused by memory oversubscription, as it allows the environment to dynamically adjust resources to meet the needs of the servers.

upvoted 1 times

Which of the following cloud principles will help manage the risk of a network breach?

- A. Shared responsibility
- B. Self-service
- C. Availability
- D. Elasticity

Suggested Answer: A

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is A. Shared Responsibility.

Explanation:

• Shared Responsibility: In cloud computing, security is a shared responsibility between the cloud service provider and the customer. The cloud provider is typically responsible for the security of the cloud (such as physical security, network infrastructure, and hypervisor security), while the customer is responsible for security in the cloud (such as data protection, identity and access management, and network security). Understanding and managing this shared responsibility model helps mitigate the risk of a network breach by clearly defining which party is responsible for which aspects of security.

upvoted 1 times

A report identified that several of a company's SaaS applications are against corporate policy. Which of the following is the MOST likely reason for this issue?

- A. Shadow IT
- B. Sensitive data
- C. Encryption
- D. Vendor lock-in

Suggested Answer: A

Community vote distribution

A (100%)

  **raytay3** Highly Voted 5 years ago

Shadow IT is the use of IT-related hardware or software by a department or individual without the knowledge of the IT or security group within the organization. It can encompass cloud services, software, and hardware.


<https://www.cisco.com/c/en/us/products/security/what-is-shadow-it.html#~how-shadow-it-works>

upvoted 8 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago

The most likely reason for the issue is Shadow IT, where employees are using SaaS applications that haven't been vetted or approved by the organization's IT department, leading to violations of corporate policy.

upvoted 1 times

  **BlueMan93** 9 months, 2 weeks ago

Selected Answer: A


Shadow IT is any software, hardware or information technology (IT) resource used on an enterprise network without the IT department's approval, knowledge or oversight. - As already stated, not even in the objectives.... why CompTIA? Why?

upvoted 1 times

  **SophyQueenCR82** 7 months, 1 week ago

it is mentioned in the book but i feel you questions are so tricky

upvoted 1 times

  **techcreators** 1 year, 6 months ago

"company's SaaS applications" are against corporate policy.

The applications themselves are against the policy.



Shadow IT can be fixed by increasing security and therefore the SaaS Applications don't have to be against corporate policy. If the SaaS Applications are designed for use with Sensitive data. And that usage isn't allowed it can make the Apps them selves against corporate policy as the company may not have the rights to use that data (privacy laws.. ex. HIPPA).

upvoted 1 times

  **RubberWarrior21995** 1 year, 4 months ago

It might be, however shadow anything doesn't appear in the CompTIA exam objectives so I don't think it is the answer

upvoted 1 times

  **macxs2** 2 years, 4 months ago

Selected Answer: A

Sensitive data makes no sense for the answer.

Shadow IT fits best

upvoted 2 times

Which of the following BEST describes decreasing the resources assigned to a system to avoid paying for unused capacity?

- A. Orchestration
- B. Auto-scaling
- C. Right-sizing
- D. Scalability

Suggested Answer: B

Community vote distribution

B (60%)

C (40%)

  **raytay3** Highly Voted 5 years ago

Right sizing is the most effective way to control cloud costs. It involves continually analyzing instance performance and usage needs and patterns—and then turning off idle instances and right sizing instances that are either overprovisioned or poorly matched to the workload.

<https://aws.amazon.com/aws-cost-management/aws-cost-optimization/right-sizing/>
upvoted 5 times



  **SophyQueenCR82** Most Recent 7 months, 1 week ago

he correct answer is C. Right-sizing.

Explanation:

- Right-sizing refers to the process of adjusting the resources allocated to a system or application to match the actual workload demands. This involves decreasing or increasing resources to ensure that you're not over-provisioning (which would result in paying for unused capacity) or under-provisioning (which could lead to performance issues).

upvoted 1 times

  **BlueMan93** 9 months, 2 weeks ago

Selected Answer: C

Auto-scaling differs from right-sizing. Auto-scaling is a dynamic process that operates within defined performance thresholds. Right-sizing is a manual process that more closely aligns a virtual machine instance's specifications to its workload.



upvoted 1 times

  **Bluebird33** 1 year ago

Selected Answer: C

Right-sizing involves adjusting the resources allocated to a system or application to match its actual usage needs. By rightsizing, organizations can optimize their resource allocation and avoid over-provisioning, which leads to paying for unused capacity. This optimization ensures that resources are allocated efficiently, balancing performance requirements with cost considerations.

upvoted 1 times

  **macxsz** 2 years, 4 months ago

Selected Answer: B

Auto-scaling fits best, according to the cloud essentials book:

Right-sizing is the process of evaluating current on-premises servers for need and sizing before moving to the cloud.

Autoscaling is sizing resources in the cloud.

upvoted 3 times

  **techcreators** 1 year, 6 months ago

Which book is this?

upvoted 1 times

A systems administrator is reviewing a disaster recovery option that requires little to no downtime in the event of a natural disaster. Which of the following BEST meets this requirement?

- A. Configure availability zones.
- B. Configure high availability.
- C. Configure geo-redundancy.
- D. Configure auto-scaling.

Suggested Answer: C

Community vote distribution



C (100%)

  **JD_TDG** Highly Voted 3 years, 10 months ago

This problem is poorly formulated. However, as presented, I've reasoned that (C) configure geo-redundancy (GR) is the BEST choice.
upvoted 5 times

  **biskutrangup** Most Recent 3 months, 3 weeks ago

Geo-redundancy replicates data or services between two regions. Disaster recovery plans often specify geo-redundancy to ensure service availability. Disasters that occur at the regional level, like earthquakes, hurricanes, or floods, should not impact availability across multiple zones. The regions defined by Microsoft and Amazon, for example, are centered on major metropolitan areas that have the infrastructure to support failover in the event of a disaster. For instance, there are four AWS regions in the United States.
upvoted 1 times


  **macxsz** 1 year, 10 months ago

Selected Answer: C

Its geo-redundancy according to the cloud essentials book:
Geo-redundant storage keeps copies of data in different regions, which is resilient against a regional disaster.
upvoted 3 times

  **Saravana12g** 2 years, 7 months ago

Question Says:
"Little or No Downtime" in case of Disaster.
Can we consider "Availability Zones" instead of "Geo Redundancy" as the downtime is less in AZ?
upvoted 2 times



  **atlasgooner** 1 year, 6 months ago

I agree with this.

AWS does several workloads available in Multi AZ configurations. S3, RDS, DynamoDB are have default Multi-AZ configs.
upvoted 1 times

  **DeepMoon** 3 years, 4 months ago



For natural disasters Geo Redundancy is the only answer that is correct.
AWS or Azure keep their Availability zones in close proximity to each other. They never publish how far the distance between AZ's but 2ms latency between them network wise. From everything I've read they are in the same metro area.
upvoted 3 times

  **JD_TDG** 3 years, 10 months ago

1. Sufficient for DR purposes – Both employ replication that INFORMALLY provides a basis for DR, however, this raises a huge best-practice caution: operational replication is NOT a substitute for backups! By current best-practice DR planning, we would restore from a valid, verified backup.
2. Effective for "natural disaster" events – GR's wider geographic replication is superior to AZ's replication among geographically "close" data



centers. Indeed, where a single natural disaster incapacitates an entire AZ, a GR configured service may not even experience downtime!
3. Effective in achieving low RTO (i.e., "little to no downtime") – AZ's performance advantage over GR is lower latency for synchronous (vs. asynchronous) replication. However, this is an operational advantage. Per #1, we would restore from the most recent validated and verified backup(s). As such, operational latency does not factor into DR performance.

upvoted 1 times

  **JD_TDG** 3 years, 10 months ago

We may eliminate (B) Configure high availability and (D) Configure auto-scaling (A-S) right away, as both concern operational state rather than DR. Now, let's consider remaining options: (A) configure AZs and (C) configure GR.

upvoted 2 times

  **jjorge1** 3 years, 10 months ago

Option B is correct.

upvoted 2 times

After performing an initial assessment of a cloud-hosted architecture, a department wants to gain the support of upper management. Which of the following should be presented to management?

- A. Project charter
- B. Feasibility study
- C. Managed services
- D. Pilot

Suggested Answer: A

Community vote distribution

B (100%)

  **suL33T** Highly Voted 3 years, 4 months ago

Nowhere in the official study guide does it mention anything about a Project Charter and this should be B. Honestly this entire exam seems poorly written and presents itself as if written by people who aren't basing this exam off of the official study guide from CompTIA... I guess this is why exam dumps exist.

upvoted 8 times

  **iqilito** Highly Voted 4 years, 10 months ago

should be B

upvoted 6 times

  **thorstedc** 4 years, 1 month ago

that's done before anything else, including planning. Project Charter is correct because it outlines the project and gives details the roles and responsibilities from participants in the project.

upvoted 5 times

  **SophyQueenCR82** 7 months, 1 week ago

- A. Project Charter: A project charter formally authorizes a project, defining its objectives, scope, and stakeholders, but it typically comes after management has already decided to support the project.

upvoted 1 times

  **RubberWarrior21995** 1 year, 4 months ago

However it appears nowhere in the exam objectives so it must be wrong

upvoted 1 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago

The correct answer is B. Feasibility Study.

Explanation:

- Feasibility Study: A feasibility study is a comprehensive analysis that evaluates the viability of a project, including technical, financial, legal, and operational aspects. Presenting a feasibility study to upper management helps them understand the potential benefits, costs, risks, and overall feasibility of the cloud-hosted architecture. This document provides management with the information needed to make an informed decision about whether to proceed with the project.

upvoted 1 times

  **biskutrangup** 10 months ago

A cloud assessment, or feasibility study, is one of the earliest steps in the cloud design process. The assessment is a deliberate and step-by-step examination of the organization's readiness for a cloud migration. Assessment criteria are based on how your organization intends to leverage cloud characteristics, service models, and deployment models. The cloud assessment may include, but is not limited to, identifying unique business requirements, documenting the current IT infrastructure, cataloging current

applications and related dependencies, measuring network capability, and complete documentation.

upvoted 1 times

  **Bluebird33** 1 year ago

Selected Answer: B

A feasibility study provides an in-depth analysis of the proposed cloud-hosted architecture, including its technical feasibility, financial viability, risks, benefits, and potential impact on the organization. It helps upper management understand the rationale behind the proposed architecture and assess whether it aligns with the organization's goals and objectives.

upvoted 1 times

Which of the following are true about the use of machine learning in a cloud environment? (Choose two).

- A. Specialized machine learning algorithms can be deployed to optimize results for specific scenarios.
- B. Machine learning can just be hosted in the cloud for managed services.
- C. Just one type of cloud storage is available in the cloud for machine learning workloads.
- D. Machine learning can leverage processes in a cloud environment through the use of cloud storage and auto-scaling.
- E. Machine learning requires a specialized IT team to create the machine learning models from scratch.
- F. Using machine learning solutions in the cloud removes the data-gathering step from the learning process.

Suggested Answer: AD

Community vote distribution


AD (100%)

 **SophyQueenCR82** 7 months, 1 week ago

The correct answers are A. Specialized machine learning algorithms can be deployed to optimize results for specific scenarios and D. Machine learning can leverage processes in a cloud environment through the use of cloud storage and auto-scaling.

Explanation:

- A. Specialized machine learning algorithms can be deployed to optimize results for specific scenarios: Cloud environments allow for the deployment of specialized machine learning algorithms tailored to specific business needs or scenarios. These algorithms can be fine-tuned to optimize outcomes based on the particular data and requirements of the task.
 - D. Machine learning can leverage processes in a cloud environment through the use of cloud storage and auto-scaling: Cloud environments provide resources like cloud storage and auto-scaling, which are essential for efficiently managing large datasets and adjusting computational power as needed. This flexibility helps optimize machine learning processes by ensuring that resources are available as demand fluctuates.
- upvoted 1 times

 **BlueMan93** 9 months, 2 weeks ago

Selected Answer: AD

Only A and D work here.

upvoted 1 times

A company with critical resources in the cloud needs to ensure data is available in multiple datacenters around the world. Which of the following BEST meets the company's needs?

- A. Auto-scaling
- B. Geo-redundancy
- C. Disaster recovery
- D. High availability

Suggested Answer: B

Community vote distribution

B (100%)

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is B. Geo-redundancy.

Explanation:

• Geo-redundancy: This involves storing and replicating data across multiple geographic locations or data centers around the world. Geo-redundancy ensures that even if one data center experiences an outage or disaster, the data is still available from another location, minimizing the risk of data loss and ensuring continuous access to critical resources.

upvoted 1 times

🗨️ 👤 **BlueMan93** 9 months, 2 weeks ago

Selected Answer: B

High availability—refers to a measure of downtime for a given service.

The question specifically mentions different locations. Any time you hear "multiple locations" default to geo-redundancy.

upvoted 2 times

🗨️ 👤 **biskutrangup** 10 months ago

Georedundancy

stores essential data in data centers that are distributed across the world. A catastrophic natural or man-made disaster in one region would not result in the loss of data or service.

upvoted 1 times

🗨️ 👤 **broman** 1 year ago

the correct answer is D geo-redundancy refers to data stored in multiple locations for backup high availability is the overall concept that includes geo-redundancy

upvoted 1 times

Which of the following can be used by a client's finance department to identify the cost of cloud use in a public cloud environment shared by different projects and departments?

- A. Reserved instances
- B. Service level agreement
- C. Resource tagging
- D. RFI from the CSP

Suggested Answer: C

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. Resource Tagging.

Explanation:

- Resource Tagging: This is a method used to assign metadata to cloud resources in a public cloud environment. By applying tags (such as project name, department, cost center, etc.) to resources, the finance department can easily track and identify the costs associated with different projects and departments. This allows for detailed cost analysis and reporting, helping to manage and optimize cloud spending.

upvoted 1 times

A company is migrating a legacy application to the cloud. Two C-level executives are currently engaged in the initial stages of the migration, and they are planning a rip-and-replace approach.

Before initiating the project, the FIRST step should be to identify:

- A. the required network performance.
- B. the key stakeholders.
- C. the desired CSP.
- D. the required cloud services.
- E. the required amount of storage.

Suggested Answer: *CD*

🗨️ 👤 **Shaune** Highly Voted 👍 1 year, 11 months ago

The question asks for the first step (singular) but there are multiple answers?

upvoted 6 times

🗨️ 👤 **karnav** Most Recent 🕒 4 months, 2 weeks ago

From the first statement, it seems they are migrating to the cloud which means that CSP is already selected. Not sure why C is correct. The only thing they need to identify is D and identify other resources that are required

upvoted 2 times

🗨️ 👤 **JD_TDG** 1 year, 3 months ago

I agree: instructions specify a single response. I also assert that (D) is correct and (C) is actually incorrect – determining required services (D) in fact informs and therefore precedes the CSP selection (C). The CLO-002 concepts that address these factors are:

Feasibility study – Determining required services is a core study deliverable; even if a CSP assists with the study, the CSP may not be able to provide all required services;

Gap analysis – the current vs. needed services is a core analysis deliverable; in order to know the “gap”, we must determine the required services;

RFI/RFP/RFQ – these requests are solicitations and, for each, required services precede and inform CSP selection; informally RFI asks of potential CSP(s) “what services do you provide”, RFI asks “what services do you propose” and RFQ “quote prices for THESE services” (required services already identified).

upvoted 4 times

🗨️ 👤 **cinderus** 9 months, 2 weeks ago

Agreed, it has to be D. They already chose a CSP, otherwise how are they in the initial stages of the actual migration?

upvoted 2 times

A company migrated all of its infrastructure to the cloud. The cloud security team must review the security post-migration. Which of the following is the MOST appropriate task for the cloud security team to perform?

- A. Risk register
- B. Threat assessment
- C. Application scan
- D. Vulnerability scan

Suggested Answer: D

Community vote distribution

D (100%)

 **thorstedc** Highly Voted 4 years, 1 month ago

D. Because vulnerability scanning will probe assets looking for known weaknesses that can be exploited to gain any kind of access. The goal is to identify potential exploits.

upvoted 8 times

 **SophyQueenCR82** Most Recent 7 months, 1 week ago

The correct answer is D. Vulnerability scan.

Explanation:


• Vulnerability Scan: After migrating infrastructure to the cloud, performing a vulnerability scan is crucial to identify any security weaknesses or vulnerabilities in the new environment. This scan helps ensure that all components, such as applications, databases, and network configurations, are secure and comply with security policies. It's a key step in post-migration security assessment to detect potential risks that could be exploited by attackers.

upvoted 1 times

 **biskutrangup** 10 months ago

Vulnerability scanning software checks applications and services for security issues. These issues might include misconfigurations, missing security patches, known vulnerabilities, etc. Vulnerability scanning may be conducted with administrative credentials from inside the network or without credentials using the same approach as an external attacker would use.

upvoted 1 times

 **macxsz** 2 years, 4 months ago

Selected Answer: D

Threat assessment is not included in the cloud essentials blueprint.

I think the answer is vulnerability scan

upvoted 3 times

A company wants to migrate mission-critical applications to the cloud. In order for technicians to build, decommission, and perform other routine functions, which of the following cloud characteristics would BEST satisfy this business requirement?

- A. Self-service
- B. Elasticity
- C. Broad network access
- D. Availability

Suggested Answer: A

  **SophyQueenCR82** 7 months, 1 week ago

The correct answer is A. Self-service.

Explanation:

- Self-service: This cloud characteristic allows technicians and users to provision, manage, and decommission cloud resources on demand, without requiring direct intervention from the cloud provider. Self-service portals empower technicians to perform routine functions such as building and decommissioning infrastructure quickly and efficiently, which is essential for managing mission-critical applications.

upvoted 1 times

A company deploys a data management capability that reduces RPO. Which of the following BEST describes the capability needed?

- A. Locality
- B. Replication
- C. Portability
- D. Archiving

Suggested Answer: D

Community vote distribution

D (100%)

  **JD_TDG** Highly Voted 4 years, 3 months ago

(D) Archiving is correct. RPO is a disaster recovery (DR) factor. Operational state replication, whether synchronous (AZs) or asynchronous (geo-redundancy) is NOT backup. We are fortunate when our DR can benefit from operational replicated data, but to rely on operational replication SOLELY as one's DR backup-restore option is foolish at best and professional malpractice at worst.

A straightforward example: as part of their operations, availability zones replicate data/resources among "nearby" data centers (DC) within the zone. A natural disaster may have expansive impact – clobber an entire zone – thus eliminating both the operational data and its replicated copy. For best practice DR, you must include archived backups.

upvoted 9 times

  **iqilito** Highly Voted 4 years, 10 months ago

Correct is B)

upvoted 7 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago

Yes, I'm sure that B. Replication is the correct answer, not D. Archiving.

Explanation:

- Replication: This involves creating real-time or near-real-time copies of data across multiple locations or systems. The primary goal of replication is to ensure data availability and to minimize data loss in the event of a failure, which directly impacts and reduces the Recovery Point Objective (RPO). RPO is about minimizing the amount of data loss during a disaster, and replication is the best method to achieve a lower RPO.

upvoted 2 times

  **broman** 1 year ago

B is correct



upvoted 2 times

  **PatrickRei** 2 years ago

B. Replication

: Archiving refers to storing data for long-term retention (usually in COLD backup), typically for compliance or regulatory purposes, and may not necessarily improve the RPO Replication.

upvoted 3 times

  **macxsz** 2 years, 4 months ago

Selected Answer: D

Replication: Data availability

Locality: Location or proximity

Backup: Disaster recovery

upvoted 2 times

A company is required to move its human resources application to the cloud to reduce capital expenses. The IT team does a feasibility analysis and learns the application requires legacy infrastructure and cannot be moved to the cloud.

Which of the following is the MOST appropriate cloud migration approach for the company?

- A. Lift and shift
- B. Hybrid
- C. Rip and replace
- D. In-place upgrade

Suggested Answer: B

  **JD_TDG** Highly Voted 4 years, 3 months ago

The correct response among those offered must be (C) Rip and replace:

1. The app MUST be cloud-resident;
 2. A feasibility study has been COMPLETED;
 3. The app can only run on the current non-cloud infrastructure.
- (A) Lift and shift requires a cloud-ready app – contradicts #3;
(B) Hybrid implies that parts may be migrated, and others remain – contradicts #1 & #3;
(D) In-place upgrade utilizes the existing non-cloud infrastructure – contradicts #1 (plus fails to reduce capital expenses).
- upvoted 11 times

  **Shaune** Highly Voted 4 years, 12 months ago

The question literally states the results of the feasibility study are that the application requires legacy infrastructure and cannot be moved to the cloud. In that case how can the answer be "Hybrid"?? I believe this should be "Rip and Replace".

upvoted 6 times



  **SophyQueenCR82** Most Recent 7 months, 1 week ago

The correct answer is B. Hybrid.

Explanation:



• Hybrid: A hybrid cloud approach allows a company to combine on-premises infrastructure with cloud services. Given that the human resources application requires legacy infrastructure that cannot be moved to the cloud, a hybrid approach would enable the company to keep the legacy components on-premises while integrating cloud services where feasible. This way, the company can still achieve some reduction in capital expenses by leveraging cloud resources for parts of the infrastructure that are cloud-compatible, while maintaining the necessary legacy systems on-premises.

upvoted 1 times

  **LeDarius3762** 2 years, 2 months ago

The answer is C) Rip and Replace, because if it's hybrid they have to keep the legacy infrastructure, which fails the request of reducing capital expenses, which is the main purpose of the migration

upvoted 3 times

  **suL33T** 3 years, 4 months ago

The correct answer is selected here and it is B. Hybrid includes a "drop and shop" approach in which an application that cannot be migrated to the cloud is "dropped," then is replaced with something else through "shopping" or purchase of a different product.

upvoted 1 times

  **cinderus** 3 years, 9 months ago

Answer is for sure Hybrid. The application cannot be moved and will therefore be retired or retained. A new app will have to be purchased, this is a hybrid of Drop and Shop and Retire/retain depending on what they choose to do with the legacy app.

upvoted 1 times

  **Ayoyemi** 4 years, 9 months ago

Legacy infrastructure requires special attention and is often not well-suited to a pure lift and shift or Rip and Replace strategy. Moving the application to the cloud is a simple matter of storage, but reconfiguring it to ensure that it runs effectively and aligns with cloud-driven datasets

will take more work than a typical Rip and Replace or lift and shift migration. Data centers can often set up hybrid cloud or multi-cloud environments that can help preserve these applications.

upvoted 2 times

🗨️ 👤 **Ayoyemi** 4 years, 9 months ago

I do not think the answer should be Rip and Replace as this implies removing old complex system and replacing it with modern one. The question didn't state removing it, instead it wants it moved to the cloud.

upvoted 3 times

🗨️ 👤 **Snoopycancun** 4 years, 11 months ago

I think it should be "Rip and Replace"

upvoted 2 times

A company wants to process a batch job in a faster, cost-effective manner. Which of the following is the BEST solution?

- A. Implement right-sizing.
- B. Increase CPU usage.
- C. Utilize spot instances.
- D. Add storage.

Suggested Answer: C

🗨️ **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. Utilize spot instances.

Explanation:

• Spot Instances: Spot instances are a cost-effective solution offered by cloud providers, allowing you to bid on unused cloud resources at a significantly lower price than on-demand instances. They are ideal for batch jobs, which can often be interrupted and resumed without issue. By utilizing spot instances, the company can process its batch job faster while keeping costs low.

upvoted 1 times

🗨️ **LeDarius3762** 2 years, 2 months ago

Answer correct

Wants to process a batch job in a faster, cost-effective matter -> spot instance

Wants to process a batch job CONSISTENTLY in a faster, cost effective matter -> right-sizing

upvoted 1 times

🗨️ **szl0144** 2 years, 8 months ago

The answer is correct. There is no requirement for stability. spot must be correct

upvoted 1 times

🗨️ **macxsz** 2 years, 4 months ago

If there is no stability how will they complete the scheduled job?

The spot instance can be gone in the middle of the window

upvoted 1 times

🗨️ **suL33T** 3 years, 4 months ago

The answer should be A. Yet another poorly formed question, the fastest manner would require that a spot instance be readily available. This completely negates the answer from being valid altogether as "fastest" and a potentially open "spot instance" contradict each other.

upvoted 1 times

🗨️ **accretiondisks** 4 years, 4 months ago

Spot instances are in not way the fastest, though they are the cheapest. The best answer is right-sizing, as you can tailor the resources to best meet the objective.

upvoted 2 times

🗨️ **cinderus** 3 years, 9 months ago

Have to agree, spot instances arent always available. Question would need to mention the batch job doesnt have to be done immediately or consistently.

upvoted 2 times


An IT team documented the procedure for upgrading an existing IT resource within the cloud. Which of the following BEST describes this procedure?

- A. Security procedure
- B. Incident management
- C. Change management
- D. Standard operating procedure

Suggested Answer: D

Community vote distribution

C (100%)

  **accretiondisks** Highly Voted 4 years, 4 months ago

This is C. When properly conducting change management you document what you accomplished, this way others will know what happened in the event an issue arises in the future. Standard Operating Procedures (SOPs) is the wrong answer, because it doesn't state that they were following any procedures or standards, nor does it state that they were creating documents for future use.

upvoted 9 times

  **SophyQueenCR82** Most Recent 7 months, 1 week ago

Yes, after reconsidering, I am confident that C. Change Management is the correct answer.

Explanation:

- Change Management: This process involves overseeing the life cycle of changes within an IT environment, from planning and testing through implementation and review. When an IT team documents the procedure for upgrading an IT resource in the cloud, they are engaging in change management. This documentation is essential for ensuring that changes are made in a controlled and consistent manner, with minimal disruption to services.



upvoted 1 times

  **Bluebird33** 1 year ago

Selected Answer: C

Change management involves documenting and controlling changes to IT resources or systems in a systematic manner to minimize disruption and ensure that changes are implemented smoothly and efficiently. Upgrading an existing IT resource within the cloud typically involves making changes to configurations, software versions, or infrastructure components. Documenting the procedure for this upgrade and following established change management practices helps ensure that the upgrade is performed correctly, with minimal impact on operations and users.

upvoted 1 times

  **suL33T** 3 years, 4 months ago

The answer is correct at D. The questions states that the team "documented the procedure" and this provides a massive clue into which answer should be chosen.

upvoted 4 times

  **Pontiac1993** 4 years, 3 months ago

Agreed with C

upvoted 4 times

A business analysis team is reviewing a report to try to determine the costs for a cloud application. The report does not allow separating costs by application.

Which of the following should the team use to BEST report on the costs of the specific cloud application?

- A. Right-sizing
- B. Content management
- C. Optimization
- D. Resource tagging

Suggested Answer: *D*

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is D. Resource Tagging.

Explanation:

- Resource Tagging: This allows you to assign metadata (tags) to cloud resources, such as virtual machines, storage, and databases. These tags can include information like the application name, department, project, or cost center. By using resource tagging, the business analysis team can track and report on costs specific to the cloud application by filtering resources based on their tags. This makes it much easier to break down costs by application or other criteria.

upvoted 1 times

A cloud administrator configures a server to insert an entry into a log file whenever an administrator logs in to the server remotely. Which of the following BEST describes the type of policy being used?

- A. Audit
- B. Authorization
- C. Hardening
- D. Access

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A company is migrating its e-commerce platform to a cloud service provider. The e-commerce site has a significant number of images. Which of the following is the BEST storage type for storing the images?

- A. Object
- B. Cold
- C. File
- D. Block

Suggested Answer: A

🗨️ 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is A. Object Storage.

Explanation:

- Object Storage: This is the best option for storing large amounts of unstructured data, such as images, videos, and backups. Object storage is highly scalable, cost-effective, and designed to handle large quantities of data, making it ideal for storing the significant number of images associated with an e-commerce platform.

upvoted 1 times

A small business is engaged with a cloud provider to migrate from on-premises CRM software. The contract includes fixed costs associated with the product.

Which of the following variable costs must be considered?

- A. Time to market
- B. Operating expenditure fees
- C. BYOL costs
- D. Human capital

Suggested Answer: D

Community vote distribution

D (100%)

🗨️ **PatrickRei** 1 year ago

B, Operating expenditure fees; as they are considered variable costs as they can change based on the amount of resources or services used. Human capital is generally considered a fixed cost, as it refers to the employees and their skills and knowledge that a company invests in over the long term. However, I agree that if a company hires contractors or temporary employees to complete a specific project related to the cloud migration, those costs could be considered variable, but in generally terms, it's fixed.

upvoted 3 times

🗨️ **macxsz** 1 year, 4 months ago

Selected Answer: D

D should be correct

Variable costs will include the cost of raw materials, employee salaries (if the employees are paid by the hour or per widget), and utilities, most likely.

upvoted 1 times

🗨️ **igorclapa** 3 months, 4 weeks ago

Nope. Employee pay does not vary from month to month like operating expenditures.

upvoted 1 times

🗨️ **szl0144** 1 year, 8 months ago

C is the correct answer

upvoted 1 times

🗨️ **macxsz** 1 year, 4 months ago

how is licensing a variable cost?

Licensing is fixed and payed by the period of time

upvoted 2 times

A company is discontinuing its use of a cloud provider. Which of the following should the provider do to ensure there is no sensitive data stored in the company's cloud?

- A. Replicate the data.
- B. Encrypt the data.
- C. Lock in the data.
- D. Sanitize the data.

Suggested Answer: *D*

🗉 👤 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is D. Sanitize the data.

Explanation:

- Sanitize the Data: Data sanitization is the process of securely and permanently removing or destroying data from storage devices to ensure that no sensitive information remains accessible after the data is no longer needed. When a company discontinues its use of a cloud provider, the provider must sanitize the data to ensure that no residual sensitive data is left in the cloud, preventing unauthorized access or potential data breaches.

upvoted 1 times

An online retailer wants to ensure its inventory for the holiday season is correct. The company does not have a large IT infrastructure or staff to collect and analyze sales information, customer analytics, marketing information, or trends. Which of the following cloud services will help the company analyze these metrics without a large investment in human capital?

- A. Containerization
- B. Big Data
- C. Microservices
- D. Blockchain

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is an example of outsourcing administration in the context of the cloud?

- A. Managed services
- B. Audit by a third party
- C. Community support
- D. Premium support

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A cloud systems administrator needs to log in to a remote Linux server that is hosted in a public cloud. Which of the following protocols will the administrator MOST likely use?

- A. HTTPS
- B. RDP
- C. Secure Shell
- D. Virtual network computing

Suggested Answer: C

 **SophyQueenCR82** 7 months, 1 week ago

The correct answer is C. Secure Shell (SSH).

Explanation:

- Secure Shell (SSH): SSH is the most commonly used protocol for securely logging in to remote Linux servers. It provides encrypted communication between the administrator's local machine and the remote server, ensuring that commands and data are transmitted securely. upvoted 1 times

Which of the following is the cloud storage technology that would allow a company with 12 nearly identical servers to have the SMALLEST storage footprint?

- A. Capacity on demand
- B. Compression
- C. Software-defined storage
- D. Deduplication

Suggested Answer: D

Community vote distribution

D (100%)

 **macxsz** Highly Voted 4 months, 3 weeks ago

Selected Answer: D

Answer should be deduplication:

SAN policies can be set to compress data written to the RAID array using techniques such as data deduplication, which reduces duplicate data blocks to single occurrences.

Deduplication removes duplicate disk blocks and replaces duplicates with pointers to reduce disk space consumption.

upvoted 7 times

A company has a perpetual license for a database application. Which of the following is the MOST cost-effective option when moving to the cloud?

- A. Fixed
- B. Subscription
- C. EULA
- D. BYOL

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A vendor stipulates it will provide incident response within two hours of a severity level A incident.

Which of the following does this describe?

- A. Maintenance agreement
- B. Managed service agreement
- C. Operating level agreement
- D. Service level agreement

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following would BEST provide access to a Windows VDI?

- A. RDP
- B. VPN
- C. SSH
- D. HTTPS

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following technologies would help a game company prepare its cloud infrastructure to support a global distribution workload of a newly released online game? (Choose two.)

- A. Auto-scaling
- B. VDI
- C. Data portability
- D. CDN
- E. Templates
- F. Blockchain

Correct Answer: AD

Currently there are no comments in this discussion, be the first to comment!

An organization plans to keep three of its cloud servers online for another nine months and a fourth server online for a year. The current pricing is \$200 per month per server. The cloud provider announced the sale price of \$1,500 per year per reserved instance. Which of the following represents the cost savings by converting all four of the cloud servers to reserved instances?

- A. \$900
- B. \$1,800
- C. \$2,400
- D. \$3,600

Suggested Answer: B

 **thanksbd** Highly Voted 3 years ago

Answer 'B' Correct-

3 servers for 9 months = $3 \times 200 \times 9 = \5400

1 server for 12 months = $1 \times 200 \times 12 = \2400

Current estimated cost = $\$5400 + \$2400 = \$7800$.

CSP offers flat \$1500 for each instance for a year, so for 4 instances = $\$1500 \times 4 = \6000 .


So, Savings = $\$7800 - \$6000 = \$1800$.

upvoted 17 times

 **LeDarius3762** 8 months, 1 week ago

Agree, it did the same calculations and it's the same result B) 1,800

upvoted 1 times

 **goblue** Most Recent 3 years, 1 month ago

The answer is D.

$(\$200 \times 12) \times 4 = \9600

$\$1500 \times 4 = \6000

$\$9600 - \$6000 = \$3600$

upvoted 1 times

 **OshKosh** 3 years, 3 months ago

B is correct. It is all four not three.

upvoted 4 times

 **Studyhard2020** 3 years, 3 months ago

Should be A. $(\$200 \times 9 - \$1500) \times 3$ set.

upvoted 1 times

 **iqilito** 3 years, 4 months ago

Correct is A)

upvoted 1 times

Which of the following types of risk is MOST likely to be associated with moving all data to one cloud provider?

- A. Vendor lock-in
- B. Data portability
- C. Network connectivity
- D. Data sovereignty

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

When selecting a cloud provider, which of the following is MOST likely to be a financial consideration?

- A. Proof of concept
- B. Request for information
- C. Licensing models
- D. Request for proposal

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

A company's finance team is reporting increased cloud costs against the allocated cloud budget. Which of the following is the BEST approach to match some of the cloud operating costs with the appropriate departments?

- A. Right-sizing
- B. Scaling
- C. Chargeback
- D. Showback

Suggested Answer: C

🗨️ 👤 **LeDarius3762** 8 months, 1 week ago

Isn't it C) Showback

Because showback can calculate the operating costs based on business unit. Chargeback is actually charging a business department for what they have used. Correct me if I'm wrong please

upvoted 2 times

🗨️ 👤 **jworste** 5 months, 1 week ago

"reporting increased cloud costs" This means they have been billed/charged for it. If they have been billed/charged, then it won't be Showback and thus it should be Chargeback.

upvoted 2 times

A new company directive requires all departments to ensure intellectual property is kept within a country's borders. Which of the following concepts BEST represents this requirement?

- A. Data portability
- B. Data security
- C. Data locality
- D. Data sovereignty

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following techniques helps an organization determine benchmarks for application performance within a set of resources?

- A. Auto-scaling
- B. Load testing
- C. Sandboxing
- D. Regression testing

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

An incident response team requires documentation for an email phishing campaign against a company's email server. Which of the following is the BEST resource to use to start the investigation?

- A. Audit and system logs
- B. Change management procedures
- C. Departmental policies
- D. Standard operating procedures

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ **BlueMan93** 8 months, 4 weeks ago

Selected Answer: A

D - Logs will give you the "documentation" the investigation will need. An SOP will not help provide any evidence of phishing...
upvoted 1 times

🗨️ **BlueMan93** 8 months, 4 weeks ago

A is the correct answer.

upvoted 1 times

🗨️ **Arnel101** 1 year, 11 months ago

In my opinion the SOP is already considered means that inside the SOP there is a certain procedure on how to conduct and start the investigation, so that next is to go on Audits and Log tracings. Just my 2 cents.

upvoted 1 times

🗨️ **raja3149** 2 years, 1 month ago

Answer D is correct, because it should be part of Standard Operating Procedure

upvoted 1 times

A startup company wants to use a CRM application to manage its sales and support organizations. The company does not have any IT staff. Which of the following cloud computing models is MOST appropriate for this company to use?

- A. CaaS
- B. PaaS
- C. IaaS
- D. SaaS

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

When designing a new cloud-enabled application, an organization that is considering RTO and RPO is MOST likely concerned about:

- A. redundancy.
- B. load balancing.
- C. disaster recovery.
- D. high availability.

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which of the following BEST explains the concept of RTOs for restoring servers to operational use?

- A. To reduce the amount of data loss that can occur in the event of a server failure
- B. To ensure the restored server is available and operational within a given window of time
- C. To ensure the data on the restored server is current within a given window of time
- D. To reduce the amount of time a particular server is unavailable and offline

Suggested Answer: D

Community vote distribution

D (75%)

B (25%)

BlueMan93 8 months, 4 weeks ago

Selected Answer: B

Recovery time objective (RTO)—specifies how quickly recovery needs to occur to maintain business continuity. In other words, how long the business can continue to function in the event of a disaster.

upvoted 1 times

macxsz 2 years, 4 months ago

Selected Answer: D

it should be D:

recovery time objective (RTO) A disaster recovery term used to convey the maximum tolerable amount of service downtime.

upvoted 2 times

szl0144 2 years, 8 months ago

B is definitely correct

upvoted 2 times

karnav 3 years, 4 months ago

Selected Answer: D

As per definition RTO is the maximum amount of time a system can be offline in the event of a disaster is called the recovery time objective. So answer should be D

upvoted 1 times

Which of the following results from implementing a proprietary SaaS solution when an organization does not ensure the solution adopts open standards? (Choose two.)

- A. Vendor lock-in
- B. Inability to enforce the SLA
- C. Lack of technical support
- D. Higher ongoing operational expenditure
- E. Integration issues
- F. Higher initial capital expenditure

Correct Answer: *AE*

Currently there are no comments in this discussion, be the first to comment!

A requirement states that an application must be restored within six hours. Which of the following should be included in the SLA to satisfy this requirement?

- A. MTTR
- B. RPO
- C. ROI
- D. RTO



Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A cloud administrator needs to enable users to access business applications remotely while ensuring these applications are only installed on company-controlled equipment. All users require the ability to modify personal working environments. Which of the following is the BEST solution?



- A. SSO
- B. VDI
- C. SSH
- D. VPN

Suggested Answer: *D*

  **JD_TDG** Highly Voted 4 months ago

Should be (B) VDI. The critical factor is "...while ensuring these applications are only installed on company-controlled equipment" – this can only be assured if (1) app is accessible via virtual desktop link or (2) are virtualize apps (sessions) via VDI technology. In either case, the user can customize her/his work environment, with exception of the specified business apps. In the case of VPN, the app is either accessible via either of two means: (1) VDI/Vapp or (2) is installed locally on the user's equipment. First option leads us back to (B) VDI as correct answer; second violates premise of "company-controlled equipment", since the scenario provided does not indicate company-provided user equipment, and we cannot simply assume as much.

upvoted 9 times

  **goblue** Highly Voted 7 months ago

Should be VDI, B.

upvoted 8 times

  **Mh99** Most Recent 4 months, 4 weeks ago

Although VDI would work, its less common because of its expense and VPN suffices the requirement at a much affordable option. I think that is why they are saying VPN.

upvoted 3 times



A company with a variable number of employees would make good use of the cloud model because of:

- A. multifactor authentication
- B. self-service
- C. subscription services
- D. collaboration

Suggested Answer: B

Community vote distribution

C (100%)

  **BlueMan93** 8 months, 4 weeks ago

Selected Answer: C

Subscription licensing is the standard for cloud services. Most licenses are pay per month or pay per year. The services allow you to cancel when you wish, providing the flexibility to change to a different service or application.

upvoted 1 times

  **e1c0c38** 11 months ago

This aspect of cloud computing allows companies to subscribe to IT services and resources (such as software, platforms, or infrastructure) on a pay-as-you-go basis. Subscription models are highly flexible, allowing businesses to scale their service usage up or down based on current needs. This adaptability is crucial for companies whose number of employees might fluctuate, as they can adjust their subscriptions to match the current size of their workforce without committing to long-term expenses.

upvoted 2 times

  **e1c0c38** 11 months ago

Correct answer:

Subscription services

upvoted 1 times

Which of the following would help a company avoid failure of a cloud project due to a lack of adherence of the company's operations and business processes to a cloud solution?

- A. Cloud managed services
- B. Company baseline
- C. Proof of value
- D. Industry benchmarks

Suggested Answer: A

Community vote distribution

B (67%)

C (33%)

🗨️ **BlueMan93** 8 months, 4 weeks ago

Selected Answer: C

Agree with what e1c0c38 said.

upvoted 1 times

🗨️ **e1c0c38** 11 months ago

Proof of value (PoV): This approach involves evaluating a cloud solution to determine how well it meets the specific needs and requirements of a company before fully committing to it. By conducting a PoV, a company can assess whether the cloud solution integrates effectively with existing operations and business processes. This evaluation helps in identifying any gaps or issues early on, allowing for adjustments or the selection of a more suitable cloud solution. PoV goes beyond technical feasibility (commonly assessed through a proof of concept) and includes the impact on business outcomes, effectively validating the value the solution brings in real-world scenarios.

upvoted 2 times

🗨️ **e1c0c38** 11 months ago

Nope, it should be PoV (proof of value)

upvoted 1 times

🗨️ **karnav** 3 years, 4 months ago

Selected Answer: B

Should be B. managed services provider will provide
Daily management and troubleshooting , Performance testing
Monitoring and reporting
Backup and recovery

upvoted 2 times

🗨️ **MostofMichelle** 2 years, 1 month ago

so company baseline?

upvoted 1 times

Which of the following can be used to achieve automation, environment consistency, and standardization of computer resources in a cloud environment?

- A. Content management system
- B. Automation
- C. Service-oriented architecture
- D. Infrastructure as code

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A company's new systems administrator has been asked to create a new user for the human resources department. Which of the following will help the systems administrator understand the user privileges for each role in the company?

- A. Identity and access control management policy
- B. Classification and management policy
- C. Change management policy
- D. Standard operating procedures

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

An organization is determining an acceptable amount of downtime. Which of the following aspects of cloud design should the organization evaluate?

- A. RPO
- B. RTO
- C. ERP
- D. TCO

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!



A company is considering moving all of its VMs to reserved instances, which would save 20% on each instance. The instances the company would move are shown below:

Resource	Tag	Currently monthly cost
VirtualMachine1	Marketing	\$500
VirtualMachine2	IT	\$400
VirtualMachine3	Sales	\$900
VirtualMachine4	Sales	\$300
VirtualMachine5	IT	\$150
VirtualMachine6	IT	\$800
VirtualMachine7	Marketing	\$450
VirtualMachine8	Administration	\$400
VirtualMachine9	Sales	\$550
VirtualMachine10	Marketing	\$850
VirtualMachine11	IT	\$250

Which of the following is the amount the company would save annually by converting all of these VMs to reserved instances?

- A. \$1110
- B. \$1600
- C. \$3840
- D. \$5550
- E. \$13320
- F. \$53280

Suggested Answer: E

  **e1c0c38** 4 months, 3 weeks ago

The correct answer is \$1100 which is 20% of the total annual cost for all VMs.
upvoted 1 times

Which of the following is an example of multifactor authentication?

- A. A password policy that requires both upper and lowercase letters
- B. A short message service (SMS) message sent to a phone and an access PIN
- C. Encryption of cached password information and a challenge question
- D. A password that expires after 90 days and a PIN

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!



Which of the following is a benefit of microservice applications in a cloud environment?

- A. Microservices are dependent on external shared databases found on cloud solutions.
- B. Federation is a mandatory component for an optimized microservice deployment.
- C. The architecture of microservice applications allows the use of auto-scaling.
- D. Microservice applications use orchestration solutions to update components in each service.

Suggested Answer: *D*

Community vote distribution

C (100%)

  **macxsz** 4 months, 3 weeks ago

Selected Answer: C

I think it is C.

Microservices dont necessarily use an orchestrator.

"Each microservice can also be scaled separately to meet demand"

upvoted 2 times

Which of the following security objectives is MOST improved when moving a system to the cloud?

- A. Availability
- B. Integrity
- C. Privacy
- D. Confidentiality

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

A low-budget project with a flexible completion time can become financially feasible via the use of:

- A. right-sizing.
- B. resource tagging.
- C. reserved instances.
- D. spot instances.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following BEST describes a pay-as-you-go licensing model within a cloud service?

- A. Subscription agreement
- B. Perpetual agreement
- C. Enterprise agreement
- D. Promotional agreement

Suggested Answer: D


Community vote distribution

A (100%)

 **cinderus** Highly Voted 3 years, 3 months ago

Shouldnt this be subscription agreement?

upvoted 6 times

 **fhdsbz** 3 years, 3 months ago

I agree!


upvoted 4 times

 **Bluebird33** Most Recent 6 months, 3 weeks ago

Selected Answer: A

Should definitely be A

upvoted 1 times

 **suL33T** 2 years, 10 months ago

To me and most people, this should be A. A Promotional Agreement is beyond the scope of this course and was not covered in the CompTIA Official Study Guide.

upvoted 2 times

 **otherguy** 3 years, 1 month ago

Did not see this in the study guide very vague.

upvoted 1 times

Which of the following metrics defines how much data loss a company can tolerate?

- A. RTO
- B. TCO
- C. MTTR
- D. ROI
- E. RPO

Correct Answer: *E*

Currently there are no comments in this discussion, be the first to comment!



Before conducting a cloud migration, a compliance team requires confirmation that sensitive data will remain close to their users. Which of the following will meet this requirement during the cloud design phase?

- A. Data locality
- B. Data classification
- C. Data certification
- D. Data validation

Suggested Answer: B

Community vote distribution

A (100%)

  **e1c0c38** 4 months, 3 weeks ago

Yes, Data Locality is the right choice.

Data locality refers to the practice of ensuring that data is physically stored near the users who need to access it. This is important for several reasons, including improving access speeds and meeting legal or regulatory requirements regarding where data can be stored and transferred. In the context of cloud computing, considering data locality during the design phase is crucial for compliance with laws such as GDPR (General Data Protection Regulation), which mandates certain data to be stored within specific geographic boundaries.

Caution, there are many wrong answers in this exam pool. Thank God for the discussions!

upvoted 1 times

  **Bluebird33** 7 months ago

Selected Answer: A

Shouldn't this be Data Locality?

upvoted 1 times

Which of the following is the BEST approach to optimize data security in an IaaS migration of data to the cloud?

- A. Review the risk register.
- B. Perform a vulnerability scan
- C. Perform server hardening.
- D. Configure encryption in transit.

Suggested Answer: D

Community vote distribution

D (100%)

 **macsz** Highly Voted 1 year, 10 months ago

Selected Answer: D

It should be D.

During the migration, the best way to secure data is to encrypt the data in transit.

upvoted 5 times

 **Bluebird33** Most Recent 6 months, 1 week ago

Selected Answer: D

D. Configure encryption in transit.

Encrypting data in transit ensures that data is protected while it is being transferred between the on-premises environment and the cloud infrastructure. This prevents unauthorized parties from intercepting and accessing sensitive data during transit, reducing the risk of data breaches or unauthorized access.

upvoted 1 times

A systems administrator must select a CSP while considering system uptime and access to critical servers. Which of the following is the MOST important criterion when choosing the CSP?


- A. Elasticity
- B. Scalability
- C. Availability
- D. Serviceability

Suggested Answer: C

Community vote distribution

C (100%)



 **Bluebird33** 6 months, 1 week ago

Selected Answer: C

C. Availability

Availability refers to the ability of a system or service to be operational and accessible when needed. For critical servers and system uptime, ensuring high availability is paramount. A CSP that offers robust availability guarantees, including redundancy, failover mechanisms, and SLAs (Service Level Agreements) for uptime, will be crucial in maintaining continuous access to critical servers and minimizing downtime.

upvoted 1 times

Which of the following stores transactions in a distributed ledger of which all users have a copy?

- A. Big Data
- B. Blockchain
- C. Machine learning
- D. Artificial intelligence

Suggested Answer: B

Community vote distribution

B (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: B

B. Blockchain

Blockchain technology utilizes a distributed ledger system where transactions are recorded across multiple nodes in a network. Each node maintains a copy of the ledger, ensuring transparency and immutability of transactions. This decentralized approach ensures that all users participating in the network have access to the same transaction records, eliminating the need for a central authority to validate or authorize transactions.

upvoted 1 times

Which of the following should be considered to ensure the availability of data that is accessed across multiple sites? (Choose two.)

- A. Auto-scaling
- B. Geo-redundancy
- C. Backup
- D. Provisioning
- E. Locality
- F. Zones

Suggested Answer: BC

Community vote distribution



BF (100%)

  **fhdsubz** Highly Voted 3 years, 3 months ago

Shouldn't it be B & F? GR and Zones
upvoted 7 times

  **LeDarius3762** 1 year, 8 months ago

Yes, B & F are correct because a Availability Zone provides the ability to operate applications and databases in the high availability zone that is closest to you (depending where you are) and the geo-redundancy is replicating transactions across multiple zones (across the world)
upvoted 3 times

  **macxsz** 1 year, 10 months ago

Correct, its even in the blueprint:

Availability

- Zones
 - Geo-redundancy
- upvoted 3 times

  **Bluebird33** Most Recent 6 months, 1 week ago

Selected Answer: BF

B. Geo-redundancy: Geo-redundancy involves replicating data across multiple geographic locations to ensure redundancy and fault tolerance. This helps ensure that even if one site or zone experiences an outage, data can still be accessed from other locations, maintaining availability.

F. Zones: Zones refer to separate geographic locations or data centres within a cloud provider's infrastructure. By distributing data and services across multiple zones, organizations can improve fault tolerance and ensure high availability. If one zone experiences an issue, data and services can still be accessed from other zones.

upvoted 1 times

A company wants to save on cloud storage costs for data that does not need to be accessible in a timely manner. Which of the following storage types would be the BEST option?

- A. Cold
- B. Block
- C. Object
- D. Tape

Suggested Answer: A

Community vote distribution

A (100%)

🗨️ 👤 **Bluebird33** 6 months, 1 week ago

Selected Answer: A

A. Cold

Cold storage is specifically designed for storing data that is infrequently accessed or archived. It typically offers lower storage costs compared to other storage types, such as standard or hot storage tiers, in exchange for longer retrieval times. Since the data doesn't need to be accessed frequently, the longer retrieval times are acceptable, making cold storage a cost-effective option for storing such data.

upvoted 1 times

A company wants to deploy an application in a public cloud. Which of the following service models gives the MOST responsibility to the provider?


- A. PaaS
- B. IaaS
- C. BPaaS
- D. SaaS

Suggested Answer: A

Community vote distribution

A (100%)



 **cwamboo** 7 months ago

Selected Answer: A

Wants to "deploy", not use. So SaaS is out of scope
upvoted 3 times

Which of the following security concerns is BEST addressed by moving systems to the cloud?

- A. Availability
- B. Authentication
- C. Confidentiality
- D. Integrity

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

For security reasons, a cloud service that can be accessed from anywhere would make BEST use of:

- A. replication.
- B. multifactor authentication.
- C. single sign-on.
- D. data locality

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A business analyst is using a public cloud provider's CRM service to manage contacts and organize all communication. Which of the following cloud service models is the analyst using?

- A. IaaS
- B. SaaS
- C. DBaaS
- D. PaaS

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following would be expected from a security consultant who has been hired to investigate a data breach of a private cloud instance?

- A. Incident report
- B. Application scan results
- C. Request for information
- D. Risk register

Suggested Answer: A

Community vote distribution

A (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: A

A. Incident report

An incident report is a detailed documentation of the data breach investigation, including findings, analysis, and recommendations. It outlines the nature of the breach, the impact on the organization, the root cause analysis, and steps taken to remediate the breach. This report is crucial for understanding the incident, identifying vulnerabilities, and implementing measures to prevent future breaches.

upvoted 2 times


Which of the following storage types will BEST allow data to be backed up and retained for long periods of time?

- A. Solid state storage
- B. Block storage
- C. Object storage
- D. File storage

Suggested Answer: C

Community vote distribution

D (100%)

 **eacunha** 8 months, 3 weeks ago

Selected Answer: D

Para permitir que os dados sejam copiados e retidos por longos períodos de tempo, o tipo de armazenamento MELHOR adequado seria:

****D. Armazenamento de arquivos.****

O armazenamento de arquivos é frequentemente utilizado para retenção de dados a longo prazo, especialmente quando há necessidade de acessar dados em nível de arquivo e manter a estrutura hierárquica de diretórios.

Portanto, a opção correta é:

****D. Armazenamento de arquivos.****

upvoted 1 times


Which of the following are aspects of cloud data availability? (Choose two.)

- A. Resource tagging
- B. Data sovereignty
- C. Locality
- D. Zones
- E. Geo-redundancy
- F. Auto-scaling

Suggested Answer: DE

Community vote distribution

EF (100%)

 **eacunha** 8 months, 3 weeks ago

Selected Answer: EF

Os aspectos da disponibilidade de dados na nuvem incluem:

****E. Redundância geográfica:**** Isso envolve a replicação e o armazenamento de dados em diferentes locais geográficos para garantir que, em caso de falha em um local, os dados estejam disponíveis em outros.

****F. Dimensionamento automático:**** O dimensionamento automático permite ajustar automaticamente os recursos de acordo com a demanda, garantindo que a infraestrutura possa lidar com variações na carga de trabalho para manter a disponibilidade dos dados.

Portanto, as opções corretas são:

****E. Redundância geográfica****

****F. Dimensionamento automático****

upvoted 1 times

A business analyst is comparing utilization for a company's cloud servers on a financial expenditures report. The usage report is as follows:

Server name	Used space	Allocated space
Application server	18GB	100GB
Mail server	55GB	80GB
File server	70GB	90GB
Web server	105GB	130GB

Which of the following instances represents the highest utilization?

- A. Mail server
- B. Application server
- C. File server
- D. Web server

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

After a cloud migration, a company hires a third party to conduct an assessment to detect any cloud infrastructure vulnerabilities. Which of the following BEST describes this process?

- A. Hardening
- B. Risk assessment
- C. Penetration testing
- D. Application scanning

Suggested Answer: B

Community vote distribution

C (100%)


 **Bluebird33** 6 months, 1 week ago

Selected Answer: C

C. Penetration testing

Penetration testing, also known as pen testing, is a cybersecurity assessment methodology where security experts simulate real-world attacks on a system to identify vulnerabilities and weaknesses that could be exploited by attackers. In the context of cloud infrastructure, penetration testing helps evaluate the security posture of the cloud environment, including networks, servers, applications, and configurations. By identifying and addressing vulnerabilities proactively, organizations can improve their overall security and mitigate potential risks.

upvoted 1 times

 **eacunha** 8 months, 3 weeks ago

Selected Answer: C

A atividade que MELHOR descreve o processo de contratar um terceiro para realizar uma avaliação e detectar vulnerabilidades na infraestrutura da nuvem é:

****C. Teste de penetração.****

O teste de penetração envolve simular ataques de um hacker para identificar e corrigir vulnerabilidades de segurança na infraestrutura, sistemas ou aplicativos.

Portanto, a opção correta é:

****C. Teste de penetração.****

upvoted 1 times

 **Saravana12g** 2 years, 6 months ago

C. Penetration testing

upvoted 3 times

 **LeDarius3762** 1 year, 8 months ago

correct

upvoted 2 times

 **Arnel101** 1 year, 5 months ago

Correct should be after the implementation Penetration Testing will be the best suit for thei then Hardening.

upvoted 2 times


For which of the following reasons is the infrastructure as code technique used?

- A. To improve the ability to migrate applications to different cloud providers to avoid vendor lock-in.
- B. To specify the hardware configuration and system installation procedures in machine-readable formats.
- C. To capture the system configurations to track changes and remediate configuration drift.
- D. To assign server administration responsibilities to software developers for application deployments.

Suggested Answer: B

Community vote distribution

B (100%)


 **Bluebird33** 6 months, 1 week ago

Selected Answer: B

B. To specify the hardware configuration and system installation procedures in machine-readable formats.

Infrastructure as code involves defining and managing infrastructure resources, such as servers, networks, and storage, using code and automation techniques. By specifying infrastructure configurations in machine-readable formats, such as code files, scripts, or templates, IaC enables the automation of provisioning, configuration, and management processes. This approach helps ensure consistency, repeatability, and scalability in deploying and managing infrastructure resources.

upvoted 1 times

 **eacunha** 8 months, 3 weeks ago

Selected Answer: B

A técnica de infraestrutura como código é usada principalmente por:

****B. Especificar a configuração do hardware e os procedimentos de instalação do sistema em formatos legíveis por máquina.****

A infraestrutura como código (IaC) permite que as configurações da infraestrutura, incluindo hardware e procedimentos de instalação do sistema, sejam definidas e gerenciadas por meio de código. Isso facilita a automação, a consistência e o controle do ambiente de infraestrutura.

Portanto, a opção correta é:

****B. Especificar a configuração do hardware e os procedimentos de instalação do sistema em formatos legíveis por máquina.****

upvoted 1 times


Which of the following strategies allows an organization to plan for cloud expenditures in a way that most closely aligns with the capital expenditure model?

- A. Simplifying contract requirements
- B. Implementing consolidated billing
- C. Considering a BYOL policy
- D. Using reserved cloud instances

Suggested Answer: D

Community vote distribution

D (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: D

D. Using reserved cloud instances

Reserved cloud instances involve committing to a specific instance type, region, and term length with cloud providers, such as AWS Reserved Instances or Azure Reserved Virtual Machine Instances. By purchasing reserved instances upfront for a fixed period, organizations can benefit from significant discounts compared to on-demand pricing. This approach allows organizations to allocate costs upfront, similar to traditional Capex investments, and plan for predictable, long-term expenditures.

upvoted 1 times

A network team establishes a new connection to an IaaS CSP that is more efficient and has networking costs that are 25% less than previous monthly expenditures. The bill outlines the following costs:

Storage: \$10000 -

Compute: \$12000 -

Network: \$7000 -

Which of the following will be the total cloud expenditure for the following month?

- A. \$26000
- B. \$26250
- C. \$27250
- D. \$29000

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!


An organization determines it cannot go forward with a cloud migration due to the risks involved. Which of the following types of risk response does this describe?

- A. Acceptance
- B. Transference
- C. Avoidance
- D. Mitigation

Suggested Answer: C

Community vote distribution

C (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: C

C. Avoidance

Avoidance is a risk response strategy that involves eliminating or withdrawing from activities, decisions, or situations that pose unacceptable risks or where the potential negative consequences outweigh the benefits. In this case, the organization has decided not to proceed with the cloud migration due to the perceived risks, effectively avoiding the associated risks by not pursuing the migration.

upvoted 1 times

A cloud developer chooses to use private key encryption for all traffic in a new application. Which of the following security concerns does this BEST describe?

- A. Integrity
- B. Confidentiality
- C. Availability
- D. Authorization

Suggested Answer: B

Community vote distribution

B (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: B

B. Confidentiality

Private key encryption is a form of encryption where both encryption and decryption keys are the same. It ensures that only parties possessing the private key can decrypt the encrypted data. By using private key encryption for all traffic in the new application, the developer aims to protect the confidentiality of the data being transmitted. This means that even if an unauthorized party intercepts the data, they won't be able to decipher its contents without the private key.

upvoted 1 times

Which of the following is related to data availability in the cloud?

- A. Resiliency
- B. Deduplication
- C. Scalability
- D. Elasticity

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!


A cloud administrator is reviewing the requirements for a SaaS application and estimates downtime will be very expensive for the organization. Which of the following should the administrator configure to minimize downtime? (Choose two.)

- A. Continuous deployment
- B. Right-sizing
- C. Availability zones
- D. Geo-redundancy
- E. Hardening
- F. Backups

Suggested Answer: *DF*

Community vote distribution

CD (100%)

 **Bluebird33** 6 months, 1 week ago

Selected Answer: CD

I think this one should be C & D

C. Availability zones: Availability zones are separate data centers within a geographic region, each with independent power, cooling, and networking infrastructure. Distributing application components across multiple availability zones ensures redundancy and fault tolerance. If one availability zone experiences an outage, the application can continue running from other zones, minimizing downtime.

D. Geo-redundancy: Geo-redundancy involves replicating data and resources across multiple geographic regions. In the event of a regional outage or disaster, geo-redundancy ensures that the application remains available by directing traffic to alternative regions. This redundancy minimizes downtime and ensures business continuity.

Not 100% sure, though.

upvoted 2 times

A business analyst is reviewing a software upgrade plan. The plan mentions the term `hash` value. Which of the following BEST represents what this term implies?

- A. Non-repudiation of data
- B. Integrity of data
- C. Confidentiality of data
- D. Availability of data

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!