

CLO-001.156q

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CLO-001



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CompTIA Cloud Essentials

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Exam A

QUESTION 1

Which of the following are essential steps to take when creating a virtual server?



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- A. Select a machine image to run, select an application set to run, select security credentials.
- B. Select a machine image to run, select an application set to run, select the size of the virtual machine.
- C. Select a machine image to run, select security credentials, select the size of the virtual machine.
- D. Select an application set to run, select security credentials, select the size of the virtual machine.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Which of the following technologies are related to Web services?

- A. HTML, IDM, JSON
- B. HTML, IDM, XML
- C. HTML, JSON, XML
- D. DM, JSON, XML

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Web hosting is a service that enables customers to deploy a website quickly. This is an example of:

- A. IaaS.
- B. SaaS
- C. PaaS.
- D. On-demand software.
- E. None of the above.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Which of the following describes the amount of data that can be sent across a link in a given time?

- A. Network bandwidth
- B. Network QoS
- C. Network latency
- D. Network speed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

How can the internal IT department successfully react to cloud computing?

- A. By becoming an external cloud provider
- B. By becoming an internal cloud provider
- C. By outsourcing all IT services
- D. By solely focusing on security issues

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which of the following applications is MOST suitable for a cloud computing pilot?

- A. Applications that are currently expensive to maintain because of interconnections
- B. Applications that are easy to migrate and have some business value
- C. Applications with high risk and little business value
- D. Legacy applications that are coupled to specific hardware and systems software

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

Which of the following is an important skill for an organization wanting to adopt an IaaS strategy?

- A. Visualization technology
- B. Application service procurement
- C. Customer relations
- D. Security and risk management

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which of the following is an example of a cloud-related security risk?

- A. Losing network connectivity
- B. Not having enough software licenses
- C. Not knowing what the cloud provider will charge
- D. Storing customer data at a provider

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Why do management tools introduce a risk?

- A. The management tools present a vendor lock-in
- B. The management tools are indispensable above a specific scale of operation
- C. The migration may not be successful
- D. Too many software licenses are needed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Eucalyptus is open-source software for quickly provisioning virtual servers. This is an example of:

- A. PaaS
- B. IaaS
- C. SaaS.
- D. On-demand software.
- E. None of the above.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Why do business users prefer to deal with cloud providers directly, instead of via the IT department?

- A. It reduces financial risks to the business
- B. The IT department does not accommodate variable costs
- C. They can better measure the provider's quality
- D. They can use their own payment options

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Why does request fulfillment become more complicated in a cloud environment?

- A. All processes must become automated.
- B. Processes must be redesigned with the user experience in mind.
- C. The IT service team must be expanded.
- D. Users should be aware of the benefits before changes to the process are incorporated

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Private clouds are operated solely for _____ organization(s)

- A. governmental
- B. specific
- C. for-profit
- D. multiple

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

Why are traditional chargeback systems not compatible with cloud computing?

- A. Cloud computing is low cost and does not accommodate charge back fees
- B. Cloud computing can be more expensive than in-house capacity
- C. Licensing models can become outdated quickly
- D. Resources that are used can fluctuate throughout the budget cycle

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

How does cloud computing improve business flexibility?

- A. Easier access by users outside of the organization
- B. Faster deployment of applications
- C. Rapidly growing and shrinking capacity
- D. All of the above are correct

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

How can cloud-related financial risks be managed?

- A. Credit cards must be used for handling transactions
- B. Eliminating legacy IT systems
- C. Making sure that cloud assets are generating revenue
- D. Renegotiating license agreements

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

Which represents the MOST important business continuity risk?

- A. Incomplete Service Level Agreements (SLAs)
- B. Network connectivity interruption
- C. Privacy laws
- D. Providers going out of business

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which of the following is a private SaaS?

- A. An application for external use only, on company-owned assets.

- B. An application for external use only, on public cloud-based systems.
- C. An application for internal use only, on company-owned assets.
- D. An application for internal use only, on public cloud-based systems.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Which of the following roles can the IT department play in the selection process of cloud computing providers?

- A. Help understand and explain the application lifecycle
- B. Help understand performance parameters
- C. Help understand provider quality
- D. All of the above are correct

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

Cloud computing has the greatest benefit for which of the following user populations?

- A. User populations which steadily increase in size.
- B. User populations that vary and are unpredictable.
- C. User populations that are of fixed size.
- D. User populations that vary in size on a seasonal basis.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Google Apps is a set of online applications allowing users to create and share documents and spreadsheets. This is an example of:

- A. PaaS
- B. SaaS.
- C. IaaS.
- D. None of the above.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Which of the following is a limitation of owning servers?



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- A. Inability to deploy new services quickly
- B. Inability to rapidly change to a different technology
- C. Capital tied up in hardware that might become obsolete
- D. Additional resources must be hired to maintain each server

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

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Which of the following is a benefit of cloud computing?

- A. Cloud computing delivers IT capabilities that scale with demand.
- B. Cloud computing delivers a wide range of services that are easily accessible to users
- C. Cloud computing delivers IT capacity on demand.
- D. Cloud computing negates the need for a procurement department.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

Why is standardization of data formats important?

- A. It facilitates movement from one provider to another.
- B. It helps encourage innovation.
- C. It leads to a more mature stage of the cloud computing landscape
- D. It leads to more efficient machine utilization.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

Synchronization of updates is _____ than replicating data across locations because it gives better assurance that data is always _____ everywhere.

- A. better, secure
- B. better, up to date
- C. worse, secure
- D. worse, up to date

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Twitter is a service that allows users to exchange short text messages. This is an example of:

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which of the following can cause user response times to deteriorate?

- A. High CPU usage and low network bandwidth
- B. High network latency and high volume of data stored
- C. Low network bandwidth and high network latency
- D. Low network bandwidth and high volume of data stored

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which of the following is a characteristic of cloud computing?

- A. Cloud computing is typically based on open Internet technology
- B. Cloud computing is typically based on web technology
- C. Cloud computing is cheaper compared to virtualization
- D. Cloud computing typically uses XML or JSON technologies

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Which of the following assets have risks related to a cloud provider going out of business?

- A. Data stored at the provider
- B. Cloud management tools housed at the provider
- C. Investment in servers at the provider
- D. Machine capacity at the provider

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Which of the following is included in a compliance audit?

- A. Analyzing chargeback agreements
- B. Analyzing cloud provider Service Level Agreements (SLAs)
- C. Analyzing identity management and access controls
- D. Analyzing the provider release calendar

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

How does cloud computing influence service operations?

- A. Cloud computing is more cost effective
- B. The provisioning of servers and services is quicker or ceases to be an issue
- C. The provisioning of servers and services can be much slower
- D. The security level will increase

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

Cloud computing brings new challenges to _____ management, because traditional licensing models do not fit well with scalable resources.

- A. commercial
- B. financial
- C. legal
- D. service

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Which of the following is indicated by a high number of variations of different virtual servers?

- A. Lack of an automated provisioning process of the virtual machines
- B. Lack of automation of virtual machine image manufacturing

- C. Lack of manpower to monitor the virtual machines
- D. Lack of physical servers to accommodate the different virtual servers

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Cloud computing is priced according to _____ or has _____, rather than having upfront costs.

- A. recurring subscription, a yearly contract
- B. a yearly contract, usage-based charges
- C. recurring subscription, usage-based charges
- D. number of users, a yearly contract

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Which change in the security processes is introduced by cloud computing?

- A. Increased security of accessing credit card information
- B. Regulations need to be updated more frequently
- C. Storing passwords in the Configuration Management Database (CMDB)
- D. Working with multiple providers of user identities

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

Who is responsible for granting access to a user in federated identity management?

- A. Identity provider
- B. Relying party
- C. SaaS provider
- D. User

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

Which of the following is a definition of virtualization?

- A. Virtualization is a method to organize servers in a more efficient manner to double the number of accessible users
- B. Virtualization is a set of techniques for hiding software resources behind hardware abstractions.
- C. Virtualization is a set of techniques for hiding hardware resources behind software abstractions.
- D. Virtualization is a method to structure data in a more efficient manner with less cost to the user.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Which of the following confidentiality risks is introduced by cloud computing?

- A. Company information can be transmitted electronically
- B. Digitizing information makes it easier to copy
- C. Government regulations require data to be disclosed
- D. Having files stored on the servers of a cloud provider

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Which of the following processes needs to be changed to better handle Change Management in the cloud?

- A. Financial chargeback
- B. Security management
- C. Hardware maintenance
- D. Software distribution

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

In which of the following ways do IT outsourcing and cloud computing differ?

- A. Cloud computing services are typically much more scalable.
- B. Cloud computing is much cheaper.
- C. Hardware and software assets are typically customizable.
- D. IT outsourcing promotes innovation.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

How can an organization successfully implement an IaaS strategy?

- A. Standardize on a limited set of virtual machines
- B. Continuously execute performance analytics
- C. Open up internal databases with Web service access
- D. Take inventory of the application portfolio and select external suppliers

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

Which of the following are strategic exit options?

- A. Change the system applications
- B. Change the cloud provider
- C. Re-host in-house
- D. All of the above

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

Why does cloud computing shift capital cost to variable cost?

- A. Cloud computing is more cost-efficient
- B. IT assets are not owned by the customer
- C. Servers are better utilized
- D. Staff is no longer hired by the customer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Which of the following is the risk when an IT department restricts itself to solely being an infrastructure provider?

- A. Business users will bypass the IT department
- B. Cloud providers will take over the role of the IT department
- C. Service providers will bypass the IT department
- D. All of the above are correct

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which of the following cloud computing risks is compliance related?

- A. Access rights that are handled by a cloud provider
- B. Capacity management that is handled by a cloud provider
- C. Cross-charging policies that are handled by both clients
- D. Provider reputation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

Which of the following is the difference between cloud computing and IT outsourcing?

- A. The service levels of cloud computing are much better.

- B. IT outsourcing is not based on open standards.
- C. Contracts with cloud providers can be changed much quicker.
- D. Only IT outsourcing works with external staff.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

How can cloud computing help reduce integrity risks?

- A. Cloud computing makes it easier to have a backup available.
- B. Cloud computing makes it easier to monitor access and usage of data.
- C. Cloud computing makes it easier to give people access to data in the cloud.
- D. Cloud computing makes it easier to have redundancy capabilities.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

Which of the following is the business benefit of private PaaS?

- A. Improve the reuse of internal databases in an organization.
- B. Improve the speed of the internal development and deployment processes.
- C. Reduce cost and reliance on internal technical skills.
- D. Simplify interfaces for specific user groups.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

In order for an organization to have a successful cloud implementation, which of the following must be true?

- A. The organization must perform and successfully complete a cloud readiness assessment.
- B. The organization must have used virtualization technology in the past.
- C. The organization must have an unlimited budget for allocation of cloud resources.
- D. The organization must have an in-house IT department.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Which of the following correctly identifies a key difference between cloud computing and IT outsourcing?

- A. Typically, industry definitions state that cloud computing and IT outsourcing are synonymous terms with the same meaning.
- B. Cloud computing only works when there is satisfactory Internet connectivity whereas outsourcing requires dedicated WAN links.
- C. Cloud computing generally allows for on-demand utilization, whereas outsourcing is typically defined by contract terms.
- D. Cloud computing provides only external IT equipment to a company whereas outsourcing involves external only resources managing internal company equipment.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

Which of the following is the BEST example of maintaining 'strategic flexibility'?

- A. Cloud provisioning models have a risk of not maintaining flexibility once services have been migrated.
- B. When choosing services to migrate into the cloud, there should be a focus on ensuring that future migration between different cloud providers can be facilitated.
- C. Cloud providers need to provide countermeasures to any consequences of not maintaining flexibility of services in a strategic manner.

- D. When choosing services to migrate into the cloud, it should be ensured that the cloud provider can change underlying hardware platforms in case the customer needs change.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

A company is adopting a public SaaS cloud based computing system to migrate a mission critical application. Which of the following capabilities will be MOST likely lost?

- A. Centralized management of user access to the application.
- B. Aversion of the software that will be accessed in the cloud.
- C. The ability to perform fine grained customizations to the software.
- D. The ability to access the application from the internal company network.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

Which of the following refers to providing a combination of servers, networking components, hosting, provisioning, and basic services needed to run a cloud?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

The business benefits of mobile computing are enhanced MOST by which of the following cloud service characteristics?

- A. Hardware independence
- B. Security
- C. Distribution over the Internet
- D. Time to market

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

A company decides to subscribe to a new CRM product that will help improve their business processes. Which of the following types of cloud computing would MOST likely be implemented?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

An organization is replacing its core insurance platform. The solution is made up of internally hosted insurance systems and applications hosted in the cloud. Which of the following activities is part of service transition?

- A. Ensure that as part of the change management process the events are sequenced to include the cloud provider and that they have resources available.
- B. Ensure that monitoring controls are implemented by the cloud provider to ensure that the system is highly available and that performance can be measured.

- C. Ensure that the SLA's for availability have been well documented and agreed to as part of the contract arrangement between the two companies.
- D. Ensure that the capacity and storage is available to meet the current and future demands of the solution of the cloud provider's infrastructure.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Which of the following is a difference between cloud computing and virtualization when implementing IaaS?

- A. All hardware is maintained on-site by current IT staff and managers
- B. Both a cloud and a virtual solution will provide additional programmers for application development
- C. Boxed, retail versions of office suite software must be used for consistent licensing
- D. Cloud computing may use virtualization, while virtualization does not require cloud services

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

Which of the following is a negative business impact of cloud computing?



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- A. It lowers the company's overall application processing availability.
- B. It is difficult to implement problem management.
- C. It is more difficult to ensure policy compliance.
- D. It slows down the company's ability to deal with server capacity issues.

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Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

Which of the following is the MOST significant difference between SaaS and IaaS?

- A. IaaS can test network configurations.
- B. SaaS is accessible anywhere.
- C. SaaS is used for only public clouds.
- D. IaaS can be secured and encrypted.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

An organization subscribes to a public cloud. For which of the following does the subscriber NOT depend on the vendor?

- A. Internet bandwidth and packet latency
- B. Service Level Agreement
- C. Data backups
- D. Infrastructure availability

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

How does using cloud computing help to enhance business value?

- A. By using cloud computing, businesses are able to realize lower asset utilization for personnel.
- B. By paying for actual usage, cloud computing allows businesses to convert fixed costs into variable costs.
- C. By using cloud computing, businesses are able to lower server utilization.
- D. By paying for actual usage, cloud computing allows businesses to convert variable costs into fixed costs.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

Which of the following cloud service characteristics would impact how a current application will adapt in the future according to how quickly a business will grow?

- A. Time to market
- B. Scalability
- C. Hardware independence
- D. Security

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

Which of the following is an advantage of cloud computing that can enhance business value?

- A. Hardware dependence
- B. Scalability
- C. Fixed costs
- D. Security

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

Which of the following would be considered in a private cloud?

- A. Organizational direct attached storage
- B. Organizational SAN
- C. Vendor leased co-hosted storage
- D. Encrypted shared drive

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

Which of the following critical success factors would likely persuade a company to use a SaaS service?

- A. The elimination of company driven application maintenance and backups
- B. The lowering of thin client management costs
- C. The decrease of company-owned physical system downtime
- D. The increase of web presence

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

Which of the following statements represents the correct definition of the terms 'cost allocation' and 'chargeback'?

- A. 'Cost allocation' focuses on recovering costs from consumers of cloud-delivered services whereas 'chargeback' relates to identifying costs and assigning them to specific cost categories.
- B. 'Cost allocation' and 'chargeback' are synonymous terms that relate to allocating costs of cloud services and ensuring that billing occurs for the services being delivered.
- C. 'Cost allocation' relates to identifying costs and assigning them to specific cost categories. 'Chargeback' is focused on recovering costs from consumers of the cloud-delivered services.
- D. 'Cost allocation' and 'chargeback' relate to ensuring that cloud computing delivery services are a profit center instead of a cost center. This leads to a positive return on investment for both cloud provider and cloud consumer.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Cloud computing can BEST reduce costs for a business by:

- A. Utilizing services as needed.
- B. Increasing available data storage.
- C. Utilizing local resources.
- D. Increasing sales potential.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

Which of the following is an important factor for maintaining strategic flexibility?

- A. Return on investment
- B. Integrity
- C. Elasticity
- D. Vendor lock-in

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

In cloud computing, the ability to scale resources on demand, benefits the business in which of the following ways?

- A. Allowing a third party to manage service delivery ensures lower staffing costs.
- B. It is more cost effective to pay for what is needed rather than pay for peak demand upfront.
- C. Fewer in-house servers lower the power consumption of the datacenter.
- D. Shorter contracts and less capital expenses reduce expenditures to the IT budget.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

An organization requires that it federates its internal systems and their externally hosted SaaS finance system so a user does not have to re-authenticate. This is an example of which of the following?

- A. Open authentication
- B. Single sign-on
- C. Biometric scanning
- D. Multifactor authentication

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

Which of the following are the appropriate steps to migrating a backwards compatible application into the cloud?

- A. Assess, proof of concept, migrate data, migrate application, automation/scaling, and optimizing
- B. Migrate the data and rebuild the application using APIs
- C. Purchase service from cloud provider, migrate the user accounts, and disable the internal infrastructure
- D. Decommission the internal infrastructure, purchase service from the cloud provider, and enable for business users

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

Which of the following risks are associated with using a customized proprietary cloud application?

- A. Simplified continuity of operation and disaster recovery plan
- B. Lack of internal control over function and design of applications
- C. Locking into the cloud provider and increasing costs over the long term
- D. Reassignment of roles and responsibilities would be necessary

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

Which of the following only provides configurable physical hardware and network resources used to make up the cloud?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

Which of the following would help an organization's IT department set their objectives and expectations for a cloud computing solution?

- A. Service Transition
- B. Service Operation
- C. Service Strategy
- D. Service Design

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 75

Which of the following is the BEST way to mitigate the security and privacy issues associated with cloud computing?

- A. Allowing only cloud administrators to have access to cloud resources
- B. Removing firewalls and access control routers from the network
- C. Implementation and enforcement of a comprehensive security policy
- D. Removing virtualized hardware from the organization

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 76

A software development company would like to deploy all of their application development using their own software to the cloud. The type of cloud they will MOST likely choose to implement is which of the following?

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

A company has hired a third party vendor to provide email and spam/anti-malware filtering services. The type of cloud service provided by the vendor is BEST described as which of the following?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

Which of the following should be implemented to BEST roll out desktop images from a cloud network?

- A. Automation and self service
- B. Backup and recovery
- C. Federation
- D. Virtual servers

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

In order to maintain strategic flexibility and the ability to bring a cloud system back internally, which of the following is the MOST important requirement in the contract?

- A. Yearly independent audit is performed to measure performance
- B. Cloud provider has ability to terminate contract
- C. One week timeframe for termination of service
- D. Cloud subscriber maintains ownership of their data

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

Which of the following characteristics of cloud computing describes the ability to grow easily in response to an increase in demand?

- A. Hardware independence
- B. Scalability
- C. Variability
- D. Security

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

As part of a critical SaaS application, one of the contractual statements by the cloud provider is a requirement to perform scheduled maintenance. This has a direct

impact on which of the following?

- A. Service strategy
- B. Service transition
- C. Service operation
- D. Service design

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 82

Which of the following is a differentiating characteristic of private cloud solutions compared to public cloud solutions?

- A. Private cloud solutions are dedicated for use by a single organization.
- B. Private cloud solutions are never accessible via the public Internet.
- C. Private cloud solutions do not provide incremental scalability.
- D. Private cloud solutions save considerably more money than a public cloud solution.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 83

A company is using an Internet-based cloud service provided by a third party. Which of the following can the third party NOT guarantee when providing cloud resources?

- A. Capacity
- B. Scalability
- C. Network path
- D. Cost

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 84

Since the implementation of a cloud infrastructure, a senior level network administrator's job description has changed from being responsible for maintaining the hardware of the network infrastructure to more of a management position, ensuring the cloud vendor is providing the services specified in the contract with the company. Which of the following has been impacted the MOST by the change in job responsibility?

- A. Service Transition
- B. Service Design
- C. Service Operation
- D. Service Strategy

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

Which of the following must be implemented by a cloud provider to ensure that different entities can authenticate and share basic user accounting information?

- A. Scalability
- B. Federation
- C. Virtualization
- D. Self service

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

Company A has a SaaS cloud that hosts their office suite software. Company B has an IaaS cloud that provides all their server hardware, including the server hosting their office suite software. Which of the following is a similarity between both company's clouds?

- A. Backups synchronize with the hot site
- B. Servers are on-site
- C. Software is hosted
- D. Multiple servers are clustered

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

Elastic computing is important to businesses as it relates to which of the following cloud characteristics?

- A. Scalability
- B. Security
- C. Integrity
- D. Distribution

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

Which of the following is true when mitigating risks in a cloud environment while avoiding impact to performance?

- A. When securing cloud resources, only the most sensitive data should be secured.
- B. When securing cloud resources, it is always a best practice to encrypt all data stored in the cloud.
- C. When securing cloud resources, data security is not an issue.
- D. When securing cloud resources, it is always a best practice to use the strongest security on the most sensitive data.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

A financial services company plans to move its existing CRM system into the cloud. The current system hosts 50 million customers. Which of the following steps should be done FIRST for moving this application into the cloud?

- A. Perform security testing of the application to ensure that there are no new security vulnerabilities being introduced.
- B. Perform testing to confirm that all the customer data can be mapped/migrated during the allocated change window.
- C. Communicate with customers that they will be moving to a new CRM system which will be hosted in the cloud.
- D. Perform a physical site assessment on where the application is hosted to ensure adequate controls are in place.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

Which of the following is an effect of cloud computing on application development?

- A. SaaS allows for open-source application development.
- B. SaaS delays the time to market for most applications.
- C. SaaS inhibits vendor interoperability on application platforms.
- D. SaaS allows for a shorter time to market for some applications.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 91

Which of the following BEST describes the property of cloud computing that allows changes in transaction volume without major changes to the system?

- A. Scalability
- B. Reliability
- C. Integrity
- D. Availability

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

The IT department has migrated company email to a web-based cloud provider. Which of the following dependencies placed on the cloud computing vendor will have the MOST affect on all company staff?

- A. Cost of service
- B. Availability of service
- C. Maintainability of service
- D. Location of service

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

Which of the following skills is MOST needed by the cloud vendor to communicate with the subscriber?

- A. Project management
- B. Customer service
- C. Industry best practices
- D. Visualization

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

A company is implementing a system replacement which has application components that are internally hosted and multiple application components that are hosted as software as a service by different cloud providers. Which of the following represents the challenge of this architecture?

- A. Complexity
- B. Time to market
- C. Cost saving
- D. Elasticity

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

Which of the following would be a method to ensure ongoing benefits of a cloud agreement?

- A. Confirm a continual assurance framework is in place to measure the cloud provider's performance in line with organizational objectives.
- B. Have independent security testing performed against the cloud provider to ensure that the business's customer data is safe.
- C. Ask the cloud provider to lower the cost before each contractual renewal so that the business is obtaining value for money.
- D. Have independent stress and volume testing performed against the cloud provider to measure the availability SLA.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

Which of the following is a benefit of implementing cloud computing via the ITIL guideline?

- A. Increased costs
- B. Larger knowledge base
- C. Increased free hard drive space
- D. Improved service level

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

Which of the following can influence the monthly service fee Company A pays for Company B to host their cloud, such that Company A might pay more per month as their company grows?



<https://www.gratisexam.com/>

- A. Amount of data stored
- B. Connectivity speed
- C. Confidentiality of the data
- D. Uptime requirements

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

Which of the following is a drawback of direct cost when implementing cloud computing?

<https://www.gratisexam.com/>

- A. It cannot be applied to IaaS.
- B. It is complex.
- C. It is less accurate.
- D. It only works with SaaS.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 99

Which of the following is one way to mitigate the issue of non-secure communication methods used by cloud providers?

- A. Insist that the provider switch to secure protocols, such as SSH instead of Telnet.
- B. Insist that the provider use authentication to connect to the non-secure applications.
- C. Insist that the provider place firewalls and routers at the border of the cloud environment.
- D. Insist that the provider implement username/password on all protocols.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 100

Which of the following types of organizations would NOT benefit from cloud computing due to legal requirements?

- A. Online library
- B. Social media sites
- C. Large marketing agencies
- D. Medical facility

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 101

A company decides to reduce its IT labor force by hiring an external company to manage various aspects of IT administration, such as software patch management, desktop virtualization, and remote network maintenance. The company will still retain technicians for maintenance and storage administration. Which of the following services has this company implemented?

- A. Outsourcing
- B. Virtualization
- C. PaaS
- D. IaaS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 102

Which of the following processes should be implemented to validate the application security of the cloud provider's SaaS application?

- A. Periodic integrity testing
- B. Periodic penetration testing
- C. Review of operating system configuration
- D. Application load testing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 103

Which of the following would represent a successful implementation of a cloud service strategy?

- A. An organization has identified services, investments, partners, and delivery channels designed to meet requirements.
- B. An organization has identified patterns of business activities that use services and manage activities to influence demand.
- C. An organization has managed the investment portfolio for services available to users of the cloud services.
- D. An organization has managed budgeting and accounting for cloud services needed for the organization.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 104

Which of the following BEST describes the property of cloud computing that enables services to be readily on hand?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

A legal hold has been requested on an employee's mailbox by the company's legal office. The company IT group is unable to implement the legal hold since the email system has recently been outsourced to the cloud. Which of the following has the company failed to consider when migrating the email service to the cloud?

- A. Business continuity plan
- B. Email restoration process
- C. Archival procedures
- D. Retention policy

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

Which of the following steps BEST leads to successful adoption of a cloud service?

- A. Gather stakeholder requirements, select potentially suitable cloud providers, perform a pilot, and select the most appropriate provider.
- B. Choose the most well known cloud provider for the given service and negotiate a short-lived contract with strong penalty clauses.
- C. Request a list of reference sites from the potential cloud provider and interview a reference from within the same industry sector. If the site reference check is positive, then choose the cloud provider.
- D. Workshop selection criteria items with company management and choose the service provider based on the strongest formal responses from cloud providers.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 107

Which of the following is the FIRST item of consideration when a company wants to implement a cloud network by following the ITIL standard?

- A. Cost of implementation
- B. Current productivity
- C. Use of current skills
- D. Business needs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

An organization is in the process of selecting a SaaS provider to replace its current internal customer relationship management system. The business expects better functionality than what is provided with the internal system. Which of the following is the BEST reason for moving to a SaaS cloud service?

- A. Understand who the most experienced IaaS cloud providers are so that a recommendation can be made to the business based on what other industry vendors are doing.
- B. Understand the current SLA's of the cloud providers to ensure that they can exceed the current expected business SLA's.
- C. Understand current functional and non-functional requirements of the system in order to ensure the new system can meet and provide value add to current business needs.
- D. Understand the cost model of the hosted infrastructure and whether the current system can be hosted on cloud provided infrastructure.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

Which of the following applies only to public cloud computing as opposed to outsourcing?

- A. Contracts are in years as opposed to days or months
- B. Internal IT staff move from one organization to another
- C. There are no upfront CAPEX costs for hardware
- D. Infrastructure is stored within a datacenter

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 110

Which of the following is an example of an early cloud adoption?

- A. Data center
- B. Virtualization
- C. Video streaming
- D. Web email

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 111

Which of the following applications would be a good candidate to move to a cloud-based platform?

- A. Mission critical financial data
- B. Customer Relationship Management (CRM)
- C. High-performance computing
- D. Database that requires a low latency for indexing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 112

Companies that are looking to move from capital expenses to operating expenses benefit from cloud services.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://support.rackspace.com/white-paper/getting-on-the-right-side-of-the-capex-vs-opex-divide/>

QUESTION 113

A private cloud is defined as:

- A. a deployment model that uses an external cloud provider to provide host application services that are Internet accessible.

- B. a deployment model that partners with other industry related companies to provide infrastructure services.
- C. a deployment model that uses virtualization technologies to provide infrastructure on demand within its network.
- D. a deployment model that uses an external cloud provider to provide host infrastructure services that are Internet accessible.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

Which of the following is the logical progression in internal private cloud adoption?

- A. Virtualize, Paas, IaaS, and SaaS
- B. SaaS, PaaS, IaaS, and Virtualize
- C. Virtualize, IaaS, PaaS, and SaaS
- D. IaaS, PaaS, Virtualize, and SaaS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: http://www.slideshare.net/JenniferRomanoBergstrom/introduction-to-web-survey-usability-design-and-testing?next_slideshow=1

QUESTION 115

A cloud computing vendor is focusing on delivering applications to customers. The goal is to simplify the deployment of database functionality while removing the need for customers to manage the operating system and application patching. Which of the following types of solution is the vendor offering?

- A. IT as a Service
- B. Infrastructure as a Service
- C. Anything as a Service
- D. Platform as a Service
- E. Software as a Service

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

Which of the following describes what is meant by the ITIL Service Strategy component?

- A. Defining processes required to manage the solution.
- B. Designing the solution to the ITIL specifications.
- C. Ensuring changes are designed to meet customer expectations.
- D. Understanding the intended customer and what services are required.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.bmc.com/guides/itil-demand-management.html>

QUESTION 117

Which of the following are the common elements of platform as a service and software as a service? (Select two.)

- A. Both allow the OS to be patched by the customer.
- B. Both take advantage of the incremental scalability.
- C. Both require the customer to maintain the hardware.
- D. Both provide granular access to the backend storage.
- E. Both implement hardware abstraction.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

When using SaaS, the cloud computing vendor is responsible to maintain which of the following?

- A. Client infrastructure
- B. Client firewall
- C. Updates and licenses
- D. Workstation OS version

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

Which of the following is the MOST significant risk to business continuity when using an external cloud service provider?

- A. Unauthorized access to customer data
- B. Vendor being purchased
- C. Virtual server failure
- D. Vendor going out of business

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

Which of the following is an example of SaaS?

- A. Offshore help desk support
- B. Hosted database software and development tools
- C. Hosted email software
- D. Hosted network hardware

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 121

Cloud computing relies heavily on which of the following virtualization characteristics? (Select two.)

- A. User federation
- B. Hardware independence
- C. Simplistic setup
- D. Scalable resources
- E. Information sharing

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 122

Following an IT Service Management lifecycle approach, a Chief Information Officer would take which of the following paths to implement a cloud solution?

- A. Choose the SaaS provider; Design the application; Choose whether to develop the service application in-house or outsource; Operate the service application in the cloud.
- B. Decide whether to implement on the cloud; Choose a XaaS provider; Design the application; Choose where to develop the service application; Operate the service application in the cloud.
- C. Decide whether to implement the application on the cloud; Choose an IaaS provider; Choose whether to develop the service in-house; Operate the service application in the cloud.
- D. Strategize which IaaS provider to use; Design the application; Transition the development process to the cloud; Operate the service application in the cloud.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.connectsphere.com/resource/articles/what-is-the-itiil-service-lifecycle>

QUESTION 123

An organization wants to host a critical application on two redundant leased servers located at the ISP's datacenter. Which of the following is this an example of?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.computenext.com/blog/when-to-use-saas-paas-and-iaas/>

QUESTION 124

A cloud usage metering scheme allows for which of the following customer chargeback alternatives?

- A. Cost allocation
- B. Cost amortization
- C. Shared cost
- D. Direct cost

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 125

From a risk assessment perspective, which of the following is MOST important to acquire and review before a business integrates cloud computing into its existing environment?

- A. Cloud provider DRP and COOP
- B. The time to market expectation
- C. The total cost of ownership

D. The company original RFP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 126

Which of the following describes the commonality between cloud computing and outsourcing?

- A. Shift from CAPEX to OPEX
- B. Reduced compliance cost
- C. Simplified security management
- D. Reduced system architecture complexity

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

Virtual Desktop Interface (VDI) will present challenges for the network administrator as they move their users to the cloud. Which of the following would be considered a major challenge?

- A. Developing a back up environment for the end user
- B. Troubleshooting the users' applications
- C. Supporting multiple devices (e.g. tablets, thin clients)
- D. Centralizing the applications

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 128

A company Chief Information Officer (CIO) who wants to ensure rapid elasticity for the company's cloud solution would MOST likely choose which of the following types of cloud?

- A. Public cloud
- B. Private community cloud
- C. Private cloud
- D. Community cloud

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.evolveip.net/cloud-elasticity-and-cloud-scalability-are-not-the-same-thing-2>

QUESTION 129

Consumption statistics for individual cloud service offering is used by which of the following ITIL processes?

- A. Supplier management
- B. Continuous service improvement
- C. Service level management
- D. Information security management

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 130

An application development company is considering implementing a cloud solution to help improve time to market with new software upgrades. The existing application has been in use by customers for several years and contains a large amount of code. Which of the following types of clouds would be BEST for this company to implement?

- A. IaaS

- B. XaaS
- C. PaaS
- D. SaaS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 131

A critical internal IT server provisioning process is under review and the IT manager is considering moving the process to the cloud. The IT staff has selected the cloud provider and must now migrate the process. Which of the following **MUST** the IT staff do to ensure the transition meets the IT manager's requirements?

- A. Pilot the process using cloud resources and perform a comprehensive test.
- B. Survey the business users and implement the solution that received the most positive feedback.
- C. Ask the server administrator to sign off and approve the implementation plan.
- D. Shift the current process to the cloud since the SLA will guarantee 99.999% availability.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 132

A scalability regularly doubles the number of employees over the summer by hiring on temporary staff. The company currently pays the same price every month for its email software, equal to the maximum number of employees on staff who have email addresses. The company would like to only pay for the number of active email addresses and is considering migrating to a cloud solution. Which of the following characteristics of cloud computing is the **MOST** beneficial reason the company should implement a cloud solution?

- A. Scalability
- B. Hardware independence
- C. Variable costs
- D. Security

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 133

Which of the following is a benefit of public cloud computing?

- A. Enhances fixed expenditures for hardware and software
- B. Contributes to the quality of user input data
- C. Reduces OPEX costs for application and databases
- D. Adds flexibility and agility to enterprise architecture

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 134

Which of the following is the cloud characteristics that speeds up development, deployment, and overall time to market?

- A. Rapid elasticity
- B. Cloud bursting
- C. Universal access
- D. Network pooling

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 135

A company would like to move an application to the cloud which resides on a single physical server in their datacenter. The server has two drives, one of which hosts the operating system, and the other hosts the application data. The operating system has been showing errors recently and the application data was

corrupted last Friday at 4:00PM. Data is backed up every day at 1:00AM. Which of the following would be the BEST option for migrating this application to the cloud?

- A. Setup a server in the cloud, install an operating system, install the application, and copy the data to the cloud server from last Friday's backup
- B. Setup a server in the cloud, install an operating system, install and configure the application, and copy the data to the cloud server from last Thursday's backup
- C. Clone or P2V the server with both drives to the cloud platform
- D. Clone or P2V the server with the application drive to the cloud platform and copy the operating system to the cloud server

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 136

An entrepreneur has decided to open an e-commerce site to complement their retail store. After researching their options, they decide that a PaaS solution will be sufficient. To reduce upfront cost, the entrepreneur intends to build the site themselves. Which of the following skill-sets will be needed?

- A. Firewall Administration
- B. Web-Server Administration
- C. Security standard development
- D. Application development

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 137

An organization is planning to host a number of its critical applications in the cloud. Which of the following is the BEST way to gain a broad assurance of the cloud provider's security posture?

- A. A review that includes interviewing key security stakeholders and identifying the key controls that they operate
- B. A review that includes security policies, evidence of the controls, physical site assessment and vulnerability scanning
- C. A review that includes the right to audit on a yearly basis and review of the security clauses on the contract
- D. A review that includes security applications, external audits, intrusion detection and firewall policy reviews

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 138

One major impact that cloud computing has had on the application development process is the need for greater:

- A. security.
- B. speed.
- C. isolation.
- D. standardization

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 139

Why is it important to know the physical location for a governmental cloud based storage solution?

- A. Data stored in other countries could be accessed by the local government
- B. Data stored in other countries could slow down application response
- C. Data stored in other countries could impact access latency
- D. Data stored in other countries could reduce revenue for the originating country

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 140

Which of the following should be measured with a direct cost chargeback method?

- A. Power and cooling consumed
- B. CPU cycles used
- C. Technical staff
- D. Square footage cost of the facility

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 141

An organization is moving web server clusters to a public IaaS cloud while keeping database servers in the company owned datacenter. The organization will continue utilizing the internal service desk to manage the application. Which of the following ITIL processes will plan the move?

- A. Release Management
- B. Incident Management
- C. Problem Management
- D. Change Management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 142

Which of the following describes disk tiering?

- A. Moving the least accessed data to a flash disk
- B. Moving the least accessed data to SSD
- C. Moving the most accessed data to capacity disk
- D. Moving the most accessed data to performance disk

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 143

A Chief Information Officer (CIO) decides to implement a Disaster Recovery (DR) plan that requires using tapes of full image backups store recover the company's datacenter onto a virtualized environment provided by a DR site provider. In the event that such a plan is invoked, which following migration methods should be employed?

- A. Virtual to Virtual
- B. Physical to Virtual
- C. Physical to Physical
- D. Virtual to Physical

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 144

How can application be centrally monitored in cloud environments?

- A. Create a dashboard view
- B. Monitor each application separately
- C. Implement process monitoring
- D. Write application-specific APIs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 145

Which of the following is a primary compliance and regulatory requirement any international company faces regarding employee and customer data?

- A. Data access
- B. Data transparency
- C. Data availability
- D. Data localization

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 146

A small book company is growing at a rapid rate and cannot afford to purchase and manage additional in-house computing resources. The company decides to subscribe to cloud services for additional computing resources and management of those computing resources. Which of the following is LEAST likely to enhance the overall value of the additional cloud services?

- A. Offsite data storage
- B. Increase potential Internet sales of the company
- C. Reduce IT infrastructure and management costs
- D. Increase profits by reducing CAPEX

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 147

Which of the following is NOT among the common technical challenges for cloud computing mitigation methods?

- A. Industry standards
- B. Cloud storage
- C. Application performance
- D. Data integration

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 148

The IT department is planning the migration of their customer billing database to an external cloud provider. They have resolved most technical concerns but are worried about data interception between the cloud and branch offices. Which of the following is the BEST way to address this concern?

- A. Design, build and test a robust security access program
- B. Encrypt the database
- C. Encrypt the data stream
- D. Use certificate services for database access

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 149

A company uses an IaaS cloud deployment model with a third-party vendor. Which of the following does the company fully control? (Choose two.)

- A. Operating systems
- B. Physical servers
- C. Service availability
- D. Physical security
- E. Storage

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 150

Which of the following indicates the BEST method for maintaining Strategic Flexibility?

- A. Single datacenter location
- B. Single cloud vendor
- C. Multiple cloud vendors who are geographically separated
- D. Multiple cloud vendors who are geographically co-located

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 151

Which of the following key elements should be applied in order to build effective private clouds that allow for interoperability with IaaS services?

- A. Structure and consistency
- B. Security and consistency
- C. Strategy and consistency
- D. Structure and security

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 152

In the Service Strategy model when considering a cloud solution, which of the following BEST demonstrates the Analyze phase?

- A. Service Portfolio Authorization
- B. Communication Resource Allocation
- C. Value Proposition Prioritization
- D. Inventories Business Case

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 153

Managing the proper delivery of resources to a cloud datacenter requires which of the following ITIL processes?

- A. Supplier management
- B. Incident management
- C. Capacity management
- D. Change management

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 154

A retail company has decided to move its inventory software to the cloud. The company is concerned about maintaining PCI compliance for credit card data and does not want to have this data compromised. Which of the following can the company do to BEST help mitigate security concerns? (Select two.)

- A. Work with the cloud vendor to encrypt data
- B. Manually enter credit card numbers into the software
- C. Recycle all paperwork containing full credit card numbers
- D. Perform regular onsite backups of the data
- E. Perform quarterly audits with a third party

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 155

Which of the following allows a business to increase its capacity in the public cloud?

- A. Scalability
- B. CAPEX
- C. API
- D. SLA
- E. Hardware independence

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 156

A company houses all its networking equipment in a third-party data center, but uses its technicians to support the networking equipment. Of which of the following types of clouds is this an example?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



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