CLO-001.138q

CLO-001

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CompTIA Cloud Essentials

Exam A

QUESTION 1
Digital identities for logging onto SaaS solutions should be issued by all the following EXCEPT:

A. A third-party identity provider.
B. The customer organization.
C. The SaaS provider.
D. A user.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Why is it important to consider the cloud ecosystem when developing applications?

A. Cloud providers will do application development.
B. The development process needs to change.
C. The role of the IT department will change.
D. This can speed up the development process.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
Which of the following actions should a company take if a cloud computing provider ceases to uphold their contract?

A. Consult the company's exit plan.
B. Move the company data to the backup provider that was selected earlier.
C. Re-host all critical applications on the company's internal servers.
D. Evaluate the company's strategic options for an alternative provider

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Which of the following consequences does IT outsourcing and cloud computing have in common?

A. Involvement of external staff
B. Improved flexibility
C. Reduced expense
D. Shorter time to market

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
Which of the following is the function of orchestration services?

A. Assemble functional requirements for application development
B. Configure application clusters with Web services
C. Enable and disable load balancers
D. Manage the starting and stopping of application server clusters

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Which of the following is a reason for business users lo be interested in cloud computing?

A. Desire for vendor lock-in reduction
B. Desire for improved security
C. Desire for improved user experience
D. Desire for reducing compliance issues

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which of the following is important to standardize?

A. Information standards and applications
B. User names and hardware providers
C. Virtual machine images and applications
D. Virtual machine images and identity information standards

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Cloud computing _____capital cost to variable cost.

A. increases
B. reduces
C. shifts
D. equates

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Privacy is the right of_____ to selectively disclose information about _____ and restrict the further use of that information by any party.

A. companies, others
B. companies, themselves
C. individuals, others
D. individuals, themselves

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which of the following IT processes is likely to become more important due to the adoption of cloud computing?

A. Capacity management
B. Troubleshooting management
C. Project management
D. Request fulfillment management

Correct Answer: A
Section: (none)

Explanation

Explanation/Reference:

QUESTION 11
Which of the following is the primary way to access PaaS?

A. Web services
B. Websites
C. Web hosting providers
D. Data integrations

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which of the following is a typical concern for business and IT leaders when adopting cloud computing?

A. Current cost structure of IT
B. Quality of web-based user interfaces
C. Security of current IT solutions
D. Technical maintenance of current IT assets

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
Which of the following does IT outsourcing and cloud computing typically have in common?

A. Pay as you go agreements

B. Short-term financial commitment
C. Tailor-made applications based on client needs
D. Vendor lock-in potential

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following are essential steps to take when creating a virtual server?

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 15
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 16
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 17
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 18
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 19
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 20
Why do management tools introduce a risk?

A. The management tools present a vendor lock-in
B. The management tools are indispensible 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 21

How do demand management processes change with the introduction of SaaS?

A. New vendors have to be accommodated
B. Users can procure SaaS solutions themselves
C. The number of virtual machines can fluctuate with demand
D. Maintenance will become easier

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which of the following is a unique characteristic of virtualization?

A. Security features
B. Federated identities
C. Shared hardware
D. Sourcing challenges

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
How can an organization successfully implement a PaaS strategy?

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

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
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 25
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 26
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 27
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 28
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 29
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 30
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 31
Which of the following is an essential step in the start-up process of a virtual server?

A. Identify the location of the physical machine
B. Select identity providers

C. Select security credentials
D. Select the application set that will run on it

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Which of the following is the MOST important impact of cloud computing on managing service levels?

A. Capacity can be more elastic.
B. External providers can deny a capacity increase when required.
C. Providers measure their own performance.
D. Scarcity of resources can occur if not monitored

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
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 34
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 35
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 36
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 37
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 38
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 39
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 40
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 41
All of the following are important design decisions when deploying SaaS EXCEPT:

A. How existing company data is integrated in or migrated to the application.
B. How the application will be integrated with other applications.

C. The number of users that will access the application simultaneously

D. Where or by whom will digital identities be issued for logging on to the application.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
A military facility is NOT able to fully embrace cloud computing because of which of the following?

A. High degree of confidentiality and operational assurance

B. The associates cost and infrastructure needs

C. Constantly changing and unpredictable workloads

D. Constantly changing data and accessibility needs

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
All of the following are availability risks that are introduced by cloud computing EXCEPT:

A. Dependence on an external provider.

B. Dependence on internal IT

C. Increase in users who can change data.

D. Network connectivity

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which of the following risks occurs when a cloud provider stops serving the company?

A. Continuity risk
B. Financial risk
C. Legal risk
D. Confidentiality risk

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Which of the following is a relevant component of the cloud ecosystem?

A. Hypervisors
B. Image factory
C. Security procedures
D. Trained IT staff

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Which of the following business benefits do cloud computing and IT outsourcing have in common?

A. Clarity and budgeting ease of upfront costs
B. Improvement of employee skills sets
C. Reduction of capital expenditures
D. Flexible contracts

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
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 48
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 49
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 50
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 51
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

QUESTION 52
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

QUESTION 53
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

QUESTION 54
Which of the following early examples of cloud computing was used for software engineering purposes in the form of web-based applications and required interoperability between different systems?

A. Distributed Computing
B. Service-Oriented Architecture (SOA)
C. Virtual Private Networks (VPNs)
D. Desktop Virtualization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
An existing capability is being migrated into the cloud. Capacity management issues have been noticed in the past and an exercise is being performed to calculate current and future volumes. In which of the following lifecycle phases is this likely to be performed?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which of the following is an advantage of cloud computing for an organization?

A. Increased security of applications and data due to virtualization
B. Decreased downtime due to increased control over hosted servers
C. Increased internal focus on IT when hosting with proven providers
D. Increased scalability to meet usage demands

Correct Answer: D

QUESTION 57
A specific cloud deployment has been established specifically for financial services companies to consume. Which of the following BEST describes this type of cloud environment?

A. Private cloud
B. Community cloud
C. Hybrid cloud
D. Public cloud

Correct Answer: B

QUESTION 58
Which of the following factors of service must be managed effectively by a SaaS provider in a cloud computing environment?

A. Application access levels
B. Client background checks
C. Availability
D. User acceptance

Correct Answer: C

QUESTION 59
A private cloud generally has which of the following characteristics?

A. Services are restricted to members of the same organization
B. Infrastructure is managed by an independent service provider
C. Services are managed by a third-party provider
D. Services are accessed by members outside of the organization

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
A software development platform is in the process of being migrated from an in-house framework to a cloud-based PaaS. Which of the following development aspects is likely to be applicable in the PaaS environment?

A. PaaS providers do not allow customers with their own software development teams to write new applications on the cloud platform.
B. Cloud environments only support agile development. The software development team will need to change from their waterfall SDLC methodology before migrating.
C. Familiarization will be required with cloud provider-based APIs, web services, and development frameworks.
D. No expected change in software development process when migrating from in-house to PaaS.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which of the following organizations are MOST liking to consider confidentiality requirements before implementing a backup and disaster recovery cloud solution?

A. An advertising company
B. A public library
C. A recreational park district
D. A hospital and outpatient facility

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
A company's IT department currently spends several hours a day maintaining the hardware of the database server. The company migrates the server to the cloud.
Which of the following job responsibilities of the IT department has been MOST impacted by this change?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Which of the following is a difference between cloud computing and visualization 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 visualization, while visualization does not require cloud services

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
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 65
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 66
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 67
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 68
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 69
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 70
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 71
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 72
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 73
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 74
A technology manager is explaining the company's latest move toward cloud computing. Which of the following statements would NOT be an example of cloud computing?

A. The company is moving their email to a third party web application.
B. The company is consolidating their 10 web servers to one physical server located in the datacenter.
C. The company is going to leverage hosted servers to handle any additional processing power needed for the application developers.

D. The employees will now access their hosted finance application via their web browser.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
An organization has just gone to a start-up cloud provider for its entire infrastructure. Which of the following is one of the new organizational roles required at the cloud provider?

A. Supply manager
B. Commercial manager
C. Infrastructure project manager
D. Credit risk manager

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
Which of the following companies would BEST benefit from moving to a cloud service?

A. A retail company that has a history of peaks and troughs throughout the year with its online shopping application.
B. A family business that does not have any IT applications, but runs off manual processes and good customer service.
C. A financial services company that is having a number of security issues with its customer internet banking platform.
D. An insurance company that has a mature, low cost and efficient IT infrastructure that does not have significant change.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
A cloud subscriber may come under certain security constraints when hosting sensitive data in the cloud due to government regulations. Which of the following is the BEST mitigating control that could be implemented by the cloud provider?

A. Offer multi-tenancy software as a service with segregated physical infrastructure.
B. Offer a single-tenancy software service with segregated virtualized infrastructure.
C. Offer multi-tenancy software as a service with logically segregated infrastructure.
D. Offer a single-tenancy software service with monitored intrusion detection systems.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
Which of the following capabilities MUST a vendor be able to fulfill in order to provide a successful IaaS solution? (Select TWO).

A. Network maintenance
B. Application development
C. Web-based application maintenance
D. Application configuration settings
E. Physical security

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79
A company is trying to understand the IT service management impacts of adopting cloud computing as the delivery vehicle for a new service. Which of the following lifecycle phases would be likely to see these impacts evaluated?

A. Strategy
B. Operation

C. Design
D. Transition

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
An external cloud service provider has been chosen by a financial company to deliver some capabilities that used to be performed in-house. Which of the following would provide the BEST amount of coverage to the financial company byway of continually asserting that there is an acceptable security posture being achieved by the service provider?

A. Define required security service levels, agree on security evaluation criteria, and perform regular compliance checks based on the service levels and evaluation criteria.
B. Perform a penetration test every 6 to 12 months and mandate that any unacceptably high issues or risks are mitigated.
C. Perform a risk assessment annually and mandate that any unacceptably high risks are mitigated.
D. Ensure that the service provider aligns to an industry standard, such as ISO 27000 series or another regulatory compliance framework and request that they self-monitor annually.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
Which of the following is BEST used when setting up security for services being used within a public cloud?

A. LDAP
B. SFTP
C. SNMP
D. SSL

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 82
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 83
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 84
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 85
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 86
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

QUESTION 87

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

QUESTION 88

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?

https://www.gratisexam.com/

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

Correct Answer: B
Section: (none)
Explanation

QUESTION 89
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 90
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 91
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 92
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 93
A new Chief Information Officer (CIO) has been hired to develop competitive advantage strategies for the company, which is falling behind the competition. The CIO is looking at cloud computing to give the company a competitive edge. Which of the following is the CIO MOST interested in?

A. Increasing the company carbon footprint

B. Upgrading the company datacenter

C. Implementing new IT strategies

D. Increasing the MTTR after an incident

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
A provider supplies storage, processing, memory, and network bandwidth to multiple tenants, using physical and virtual resources. This is an example of which of the following cloud characteristics?

A. On-demand self-service
B. Measured service
C. Resource pooling
D. Rapid elasticity

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
Which of the following is the BEST example of a cloud vendor's monthly hosting fee changing based on cost allocations?

A. The company's fee varies based on the projected quarterly revenue of the client's company.
B. The company's fee varies based on the number of their IT staff required to support the infrastructure.
C. The company's fee varies based on the number of servers needed to house data in the datacenter.
D. The company's fee varies based on the energy consumption of each server in the datacenter.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
Which of the following is a service level management tool aimed at quantifying a cloud offerings' performance?

A. Mean Time to Recovery
B. Risk Assessment
C. Business Impact Analysis

D. Request for Proposal

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
In which of the following scenarios would a hybrid cloud be the BEST choice for an organization to use?

A. A security organization that performs a large percentage of penetration testing.
B. A financial organization that must keep all data under their control.
C. A retail organization that needs to maintain all processing in their own datacenter.
D. A large development firm that creates applications for the customer to host on their cloud.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
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?

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 99
Which of the following is a drawback of direct cost when implementing cloud computing?

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 100
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 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 properly 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 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 110
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 111
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 112
Which of the following are the MOST important benefits of a cloud computing solution for an application development provider? (Select two.)

A. Reduced training time for new developers
B. Reduced storage requirements
C. Reduced complexity for users
D. Reduced bandwidth usage
E. Reduced cost
F. Reduced development timeframe

Correct Answer: EF
Section: (none)
Explanation

Explanation/Reference:

QUESTION 113
Which of the following virtualization characteristics allows the use of different types of physical servers?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 114
Which of the following cloud computing services requires the MOST involvement from a company's in-house staff?

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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 115
After migrating the company's entire datacenter infrastructure to a private IaaS solution, while at the same time maintaining the current network and server logical configuration, the IT director eliminated 50% of the IT engineering staff. The remaining staff has now shifted focus from a daily server maintenance and upkeep role, to more of a service provisioning, performance, and reporting role. Which of the following was MOST impacted by this migration?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 116
Which of the following enables hardware independence?

A. In-sourcing
B. Outsourcing
C. Virtualization

D. Abstraction

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: *https://www.coursehero.com/file/p2t80r/Advantages-Of-Virtualization-Enables-server-consolidation-Uses-hardware/*

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
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 123
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 124
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 125
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 126
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 127
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 128
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 129
One of the strategic reasons to source component technology purchases from multiple providers is to:

A. avoid vendor lock-in.
B. influence governmental organizations.
C. keep vendor prices down.
D. encourage vendor control.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 130
Which of the following will allow an organization to integrate internal identity management services with a cloud provider in order to provide single sign-on across the internal and cloud-hosted environments?

A. Virtualization
B. Federation
C. Role-based authentication
D. Outsourcing

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 131
Which of the following is a potential advantage of using Storage as a Service?

A. Data is accessible when the Internet is not functioning
B. In-house IT staff controls all data
C. Increase in encryption technologies

D. Decrease in IT management of the platform

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 132
Which of the following describes the difference between SaaS and IaaS?

A. SaaS defines a standard while IaaS implements the standard.
B. SaaS enables the software developer while IaaS provides the specifications.
C. SaaS provides applications while IaaS provides equipment.
D. SaaS implements security while IaaS provides information.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 133
Locating datacenters close to target markets is the result of which of the following strategic initiatives?

A. Geoproximity
B. Geodiversity
C. Geography
D. Localization

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: *http://www.webhostingtalk.com/showthread.php?t=971320*

QUESTION 134
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 135
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 136
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 137
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 138
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: