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EXIN Cloud Computing Foundation

Exam A

QUESTION 1
What is an economic cloud solution for a short term project like a one time application design?

A. Platform-as-a-Service
B. Software as-a-Service
C. Communication-as-a-Service
D. Security-as-a-Service

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
What may be an economic benefit of Cloud computing?

A. a custom accounting system
B. acceptance by employees
C. purchasing thin clients
D. reduced overhead

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

What does the integrity of information mean?

A. It means that the access to the information is limited.
B. It means that the information can be accessed by those users who are allowed to access it.
C. It means that the information is accurate.
D. It means that the information is protected.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
What is a main challenge for enterprises in using cell phones for collaboration?

A. Applications for collaboration are limited.
B. Collaborative applications are complicated.
C. Employees want to use their private cell phones.
D. Separating business data from personal data.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
What is the principal function of the Hypervisor?

A. identity management
B. responding to client requests
C. scheduling the sharing of resources
D. virus protection

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
What is specific for public cloud?

A. It is a client computer connected to a network.
B. It uses both local and remote services in its implementation
C. It uses services provided by an external service provider.
D. The services are shared in the organization.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Why is a thin client called 'thin'?

A. because it has a thin monitor
B. because it has limited functionality
C. because it has no memory
D. because it has no processor

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
Providing a user access to an application in the Cloud requires several steps. In which step are the user's permissions determined?

A. during the auditing phase
B. during the authentication phase
C. during the authorization phase
D. during the verification phase

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
What was a serious drawback in the early development of networks?

A. computers being dedicated to one function
B. computers were too complicated to be connected
C. the low speed of the network
D. vendors developing their own network communication protocols

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Why is text messaging in automobiles outlawed in many countries?

A. for financial reasons

B. for safety reasons

C. for security reasons

D. for synchronization reasons

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
In evaluating a Cloud service provider, which security issue is important?

A. how the service provider implements and maintains security

B. the compatibility of the virus scanners used by the vendor and in your organization

C. the protection provided by your organization's firewall

D. the security protocols used by other customers of the services

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
What is the main tool for users accessing the Cloud?

A. remote desktop

B. the firewall

C. the web-browser

D. the web-server

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
What is the most important feature of a virtualized environment?

A. Multiple applications can be used by a single user.
B. Multiple computers can be connected to a single network.
C. Multiple operating systems can be used on a single hardware platform
D. Multiple users can be active on a single network.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
What is a main benefit of a Thin Client?

A. Access to suspicious web sites can be locked.
B. Access to web applications can easily be restricted.
C. Users can login from any location they want.
D. Users cannot install unauthorized or risky software.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
What is the single point of truth in a Claim-based identity management solution?

A. the cloud application
B. the Hypervisor
C. the identity provider
D. the server hosting the application

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
What are the functions supported by HTTP?

A. Command Fill Add Use
B. Get Post Put Delete
C. Order Retrieve Send Replace
D. Receive View Select Send

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
What is a key advantage of a content management system?

A. It distributes content to users.
B. It is a management system for distributed computer environments.
C. It provides the possibility to connect to multiple web-sites without using a password.
D. It reduces repetitive duplicate input.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18

What is an important environment related benefit of Cloud?

A. fewer requirements for power capabilities
B. highly protected data
C. independency from the Internet
D. small bandwidth

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
What is an important limitation of Cloud computing?

A. actuality of data
B. inflexibility
C. regulatory concerns
D. volume of waste

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which technique allows multiple operating systems to run on a single host computer?

A. client

B. Hypervisor
C. sandboxing
D. server

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
What is a benefit of virtual client operating systems in protection against virus infections?

A. A virus infection in one operating system will not infect the other operating systems.
B. One virus scanner on a client operating system will protect all other operating systems.
C. The client operating systems are virtual and cannot be infected from outside.
D. The client operating systems can be protected by the virus scanner of the host operating system.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
How could presence be used to enhance security in the Cloud?

A. by prohibiting users to access cloud applications, except when on their work place
B. by prohibiting users to access cloud applications at their work place
C. by restricting access to applications, depending on the user's physical location
D. by using a web cam to identify the user of a cloud application

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Why are standards important?

A. Standards provide interoperability.
B. Standards provide legal compliance.
C. Standards provide security.
D. Standards provide the most user-friendly solution.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
What is the function of the Web Tier?

A. load balanced databases
B. multiple backend application servers
C. responding to client requests
D. supporting the client requests

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
What is the purpose of failover?

A. to automatically restart the system in case of a failure
B. to build up a back-up while the system is active
C. to switch over automatically to another system
D. to work on two systems at the same time

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
What is a major benefit of using applications on mobile devices?

A. Mobile devices are cheaper than personal computers.
B. Mobile devices provide location independence.
C. Mobile devices uniquely identify the user approaching the application
D. Mobile devises are more secure than personal computers.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
What is the Pay as You Go Model?

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A. a discount for customers changing their network provider
B. a discount for mobile connections based on the distance to the datacenter
C. to pay for a service after ending the contract
D. to pay for services based on their use

Correct Answer: D
Section: (none)

Explanation

Explanation/Reference:

QUESTION 28
What is a difference between XML and HTML?

A. XML is used to format many types of documents and structures; HTML formats the display of content in a web-browser.
B. HTML is used to format many types of documents and structures; XML formats the display of content in a web-browser.
C. HTML can be used to format the display of content in a web-browser, XML cannot.
D. XML can be used to format the display of content in a web-browser, HTML cannot.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
What does CaaS represent?

A. combining applications in a single access system
B. communication applications provided by an offsite location service provider
C. computer maintenance services provided by an external service provider
D. computing services provided by an offsite location service provider

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
How can moving to Cloud Computing reduce capital expenses?

A. One can reduce the number of applications in use within the enterprise.

B. One can reduce the number of IT staff in the datacenter.

C. One needs less client computers to access the enterprise applications in the Cloud.

D. One pays for the use of hardware, not for the value of the hardware at the time of purchase.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
What is the intended result of a Distributed Denial of Service (DDOS) attack on a web site?

A. To change the content of the site to prevent it from providing further services

B. To distribute the content of the site to users who are denied access to its service

C. To infect the site to distribute a virus to users, which denies them access to further services

D. To lock users out of the site by exhausting the sites resources

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
In its 2010 Whitepaper the Cloud Security Alliance (CSA) identifies a number of Top threats to Cloud Computing.

What is not identified by the CSA as a threat?

A. abuse and nefarious use of Cloud computing

B. insecure application interfaces

C. lack of good Service level agreements

D. unknown risk profile and account

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
What is a specific advantage of a Community Cloud?

A. It is tailored to the needs of a single community.
B. It is more secure than a Private Cloud.
C. It is cheaper than a Public Cloud.
D. It can form a Hybrid Cloud with a Private Cloud.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
A network protocol designed to provide strong authentication for client/server applications by using key cryptography. Which protocol is described?

A. Extensive Messaging and Presence Protocol
B. Kerberos protocol
C. Lightweight Directory Access Protocol
D. Transmission Control Protocol

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
Failover is the capacity to switch, often automatically, to another system or resource in the event of a failure. How does failover assist in the provision of cloud services?

A. It assists providers in ensuring continuity of service when there is a problem.

B. It automatically restarts the system in case of a failure.
C. It builds a back-up while the system is active.
D. It provides hidden storage to be used when needed.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Why does a VPN offer more mobility to employees?

A. It allows employees to work from locations other than their office.
B. It offers more security at home than at the office.
C. It offers a higher network speed at home than at the office.
D. It does not require a network connection.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
How might moving to the Cloud have a negative impact on users?

A. Development is no longer in house and may take longer to be performed.
B. Software licensing is no longer part of operations.
C. Support and maintenance are no longer in house and may take longer to be performed.
D. Uptimes can be guaranteed but not adjusted in a flexible manner.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
What is not a staffing benefit of Cloud computing?

A. Fewer IT-staff
B. Lower employee benefits
C. Lower recruitment costs
D. Lower self-service costs

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
Which process is an external process for a Cloud data center?

A. Availability management
B. Capacity management
C. Service continuity management
D. Service level management

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40

What is meant by Virtualization?

A. Virtualization means that data does not exist anywhere.
B. Virtualization is a method to combine more computing power onto one server.
C. Virtualization is a method to combine multiple computer environments onto one server.
D. Virtualization means that no real computer system is needed to distribute cloud solutions.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
In identity management, how might location information be used?

A. to determine the user's native language
B. to determine whether the user is connected via a mobile platform
C. to provide advertisements for local restaurants, determined by GPS
D. to provide the correct version of the application for the user's operating system

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
Which characteristic of Identity management systems uses presence and location to determine available services and capabilities?

A. digital identity
B. group management
C. role management
D. separation of duties

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
Restricting access to systems/applications based on time is part of which Triple-A security cornerstone?

A. Accounting
B. Application
C. Authentication
D. Authorization

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
How might moving to Cloud computing enhance user's ongoing experience of software applications?

A. by accomplishing quick and efficient application updates
B. by increasing the access to information available on the Internet
C. by moving internal systems with performance problems to the Cloud
D. by passing problems with applications to the Cloud provider

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Capacity management is a process to ensure IT infrastructure is used efficiently and that it is provided at the right time and price in the needed volumes.

Which ISO/IEC 20000 process group does Capacity management belong to?

A. Control processes
B. Resolution processes
C. Relationship processes
D. Service delivery processes

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
What is a driver for Cloud Computing?

A. It makes it easier to scale down IT resources.
B. It makes an organization less dependent on the network.
C. It allows organizations to invest in IT before it is needed.
D. It makes it easier to integrate with legacy software.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
What is the operational benefit of software licensing for a Cloud solution?

A. Operational costs are part of capital expenditure.
B. Platform costs are much more stable.
C. Server costs are lower.
D. Software licensing may no longer impact capital expenditure.

Correct Answer: D

QUESTION 48
What is not a security measure associated with the Single Sign On (SSO) principle?

A. Active directory authentication
B. Security token
C. SOAP protocol
D. Smart card

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
How can a move to Cloud Computing reduce capital expenditure?

A. It can reduce the number of applications in use within the enterprise.
B. It can reduce the number of IT staff in the datacenter.
C. It needs less client computers to access the enterprise applications in the Cloud.
D. It pays for the use of hardware, not for the value of the hardware at the time of purchase.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
What is not a key characteristic of multipurpose architecture?

A. Multi-tiered
B. Open standards
C. Security
D. Server virtualization

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
What is the main challenge for providers as moving to the Cloud causes changes in relation to their customers?

A. Cloud providers may be reluctant to ask for more money to deliver their products and services.
B. Cloud providers need to certify their solutions.
C. Providers will have to understand their customers business and redefine SLA's for Cloud environments.
D. Products are not delivered on premise but through the Cloud.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
What is not an operational benefit of Cloud Computing?

A. Instant server deployment
B. Less IT staff
C. Managed services
D. Possibility of back-ups as a service

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
Which Service Model provides the best environment for testing new software?

A. Infrastructure as a Service (IaaS)
B. Platform as a Service (PaaS)
C. Software as a Service (SaaS)
D. There is no difference

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
The three elements that form the security corner stone of IP based network management and policy administration are the so-called Triple-A.

What is not one of the Triple-A elements?

A. Accounting
B. Application
C. Authentication
D. Authorization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Where does the abbreviation SOA stand for?

A. Service Oriented Architecture
B. Service Oriented Application
C. Service Organized Architecture
D. Service Organization Agency

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
What may be a primary driver for a start-up company to move into the Cloud?

A. Lower operational support costs
B. Lower operational expenditures (Opex)
C. Much longer use of Cloud solutions
D. Much shorter implementation time of the infrastructure

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
What is the purpose of a load balancer?

A. To distribute and balance the load when provisioning/de-provisioning
B. To spread the load of applications over the day
C. To make sure that each network request has exactly one response
D. To generate load on a test server

Correct Answer: A
Section: (none)
Explanation

QUESTION 58
What is one of the main risks associated with using Cloud solutions?

A. Bankruptcy of the Cloud provider
B. Constant updates to Cloud applications
C. Having to use a password to access Cloud applications and then losing it.
D. Having no direct access to applications or infrastructure in case of an incident.

Correct Answer: D
Section: (none)
Explanation

QUESTION 59
Why are multiple sites often used in Cloud computing environments?

A. They make network configuration easier.
B. They can help in disaster prevention and recovery.
C. They make it easier to virtualize IT resources.
D. They are less vulnerable to security attacks.

Correct Answer: B
Section: (none)
Explanation

QUESTION 60
Which characteristic of an Identity management system attributes permissions to roles and not to people?

A. digital identity
B. group management

C. people management

D. self service functions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which statement describes a Community Cloud?

A. A commercial organization that asks the community for feedback on their Cloud offerings.

B. A group of users that create a special group to discuss cloud solutions.

C. Facebook is a perfect example of a Community Cloud.

D. Several independent companies that agree to share resources through a cloud solution to reduce total license costs.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62
In the 2010 white paper Top Threats to Cloud Computing, what does the Cloud Security Alliance (CSA) identify as remediation for unknown risk profile and account?

A. Good Human Resource vetting procedures

B. Good SLA structures including Cloud provider compliance audits

C. Proper testing methods

D. Strong authentication and access control

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
Which kinds of audit mechanisms are available in ISQ/IEC 20000:2011?

A. An internal audit mechanism
B. An external audit mechanism
C. An internal and external audit mechanism
D. No audit mechanisms

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
What is a good question to ask a prospective Cloud provider?

A. How can we access the servers in case of an incident?
B. How is data partitioning done?
C. What are the names of the Service desk employees?
D. What are the provisions when a service ends?

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference: