



Softpro India

Cloud Computing MCQ

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This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Introduction to Cloud Computing”.

1. _____ computing refers to applications and services that run on a distributed network using virtualized resources.

- a) Distributed
- b) Cloud
- c) Soft
- d) Parallel

Answer: b

2. Point out the wrong statement.

- a) The massive scale of cloud computing systems was enabled by the popularization of the Internet
- b) Soft computing represents a real paradigm shift in the way in which systems are deployed
- c) Cloud computing makes the long-held dream of utility computing possible with a pay-as-you-go, infinitely scalable, universally available system
- d) All of the mentioned

Answer: b

3. _____ as a utility is a dream that dates from the beginning of the computing industry itself.

- a) Model
- b) Computing
- c) Software
- d) All of the mentioned

Answer: b

4. Which of the following is essential concept related to Cloud?

- a) Reliability
- b) Productivity
- c) Abstraction
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) All applications benefit from deployment in the cloud
- b) With cloud computing, you can start very small and become big very fast
- c) Cloud computing is revolutionary, even if the technology it is built on is evolutionary

d) None of the mentioned

Answer: a

6. Which of the following cloud concept is related to pooling and sharing of resources?

- a) Polymorphism
- b) Abstraction
- c) Virtualization
- d) None of the mentioned

Answer: c

7. _____ has many of the characteristics of what is now being called cloud computing.

- a) Internet
- b) Softwares
- c) Web Service
- d) All of the mentioned

Answer: a

8. Which of the following can be identified as cloud?

- a) Web Applications
- b) Intranet
- c) Hadoop
- d) All of the mentioned

Answer: c

9. Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a _____ resource.

- a) real
- b) virtual
- c) cloud
- d) none of the mentioned

Answer: b

10. Which of the following is Cloud Platform by Amazon?

- a) Azure
- b) AWS
- c) Cloudera
- d) All of the mentioned

Answer: b

This set of Cloud Computing Interview Questions and Answers focuses on “Cloud Types – 1”

1. _____ model consists of the particular types of services that you can access on a cloud computing platform.

- a) Service
- b) Deployment
- c) Application
- d) None of the mentioned

Answer: a

2. Point out the correct statement.

- a) The use of the word “cloud” makes reference to the two essential concepts
- b) Cloud computing abstracts systems by pooling and sharing resources
- c) cloud computing is nothing more than the Internet
- d) All of the mentioned

Answer: b

3. _____ refers to the location and management of the cloud’s infrastructure.

- a) Service
- b) Deployment
- c) Application
- d) None of the mentioned

Answer: b

4. Which of the following is the deployment model?

- a) public
- b) private
- c) hybrid
- d) all of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Cloud Computing has two distinct sets of models
- b) Amazon has built a worldwide network of datacenters to service its search engine
- c) Azure enables .NET Framework applications to run over the Internet
- d) None of the mentioned

Answer: b

6. Which of the following is best known service model?

- a) SaaS
- b) IaaS
- c) PaaS
- d) All of the mentioned

Answer: d

7. The _____ model originally did not require a cloud to use virtualization to pool resources.

- a) NEFT
- b) NIST
- c) NIT
- d) All of the mentioned

Answer: b

8. _____ model attempts to categorize a cloud network based on four dimensional factors.

- a) Cloud Square
- b) Cloud Service
- c) Cloud Cube
- d) All of the mentioned

Answer: c

9. How many types of dimensions exists in Cloud Cube Model?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: d

10. Which of the following dimension is related to organization's boundaries?

- a) Physical location of data
- b) Ownership
- c) Security boundary
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Types – 2”.

1. How many types of security boundary values exist in Cloud Cube model?

- a) 1
- b) 2
- c) 3
- d) None of the mentioned

Answer: b

2. Point out the correct statement.

- a) A deployment model defines the purpose of the cloud and the nature of how the cloud is located
- b) Service model defines the purpose of the cloud and the nature of how the cloud is located
- c) Cloud Square Model is meant to show is that the traditional notion of a network boundary being the network’s firewall no longer applies in cloud computing
- d) All of the mentioned

Answer: a

3. Which of the following is provided by ownership dimension of Cloud Cube Model?

- a) Proprietary
- b) Owner
- c) P
- d) All of the mentioned

Answer: b

4. _____ is a measure of whether the operation is inside or outside the security boundary or network firewall.

- a) Per
- b) P
- c) Pre
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Public cloud may be managed by the constituent organization(s) or by a third party
- b) A community cloud may be managed by the constituent organization(s) or by a third party

- c) Private clouds may be either on- or off-premises
- d) None of the mentioned

Answer: a

6. Which of the following is related to the service provided by Cloud?

- a) Sourcing
- b) Ownership
- c) Reliability
- d) AaaS

Answer: a

7. _____ dimension corresponds to two different states in the eight possible cloud forms.

- a) Physical location of data
- b) Ownership
- c) Security boundary
- d) None of the mentioned

Answer: d

8. The _____ cloud infrastructure is operated for the exclusive use of an organization.

- a) Public
- b) Private
- c) Community
- d) All of the mentioned

Answer: b

9. _____ cloud is one where the cloud has been organized to serve a common function or purpose.

- a) Public
- b) Private
- c) Community
- d) All of the mentioned

Answer: c

10. A hybrid cloud combines multiple clouds where those clouds retain their unique identities but are bound together as a unit.

- a) Public
- b) Private
- c) Community

d) Hybrid

Answer: d

This set of Cloud Computing Questions & Answers for entrance exams focuses on “Cloud Types – 3”.

1. Which of the following is owned by an organization selling cloud services?

- a) Public
- b) Private
- c) Community
- d) Hybrid

Answer: a

2. Point out the wrong statement.

- a) Everything from the application down to the infrastructure is the vendor's responsibility
- b) In the deployment model, different cloud types are an expression of the manner in which infrastructure is deployed
- c) AaaS provides virtual machines, operating systems, applications, services, development frameworks, transactions, and control structures
- d) All of the mentioned

Answer: c

3. _____ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.

- a) IaaS
- b) SaaS
- c) PaaS
- d) All of the mentioned

Answer: a

4. Which of the following provides development frameworks and control structures?

- a) IaaS
- b) SaaS
- c) PaaS
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) A PaaS service adds integration features, middleware, and other orchestration and choreography services to the IaaS model
- b) XaaS or 'anything as a service' is the delivery of IT as a Service through hybrid Cloud computing

- c) Monitoring as a Service (MaaS) is at present still an emerging piece of the Cloud jigsaw
- d) None of the mentioned

Answer: d

6. _____ is a complete operating environment with applications, management, and user interface.
- a) IaaS
 - b) SaaS
 - c) PaaS
 - d) All of the mentioned

Answer: b

7. How many types of service model are mainly present in Cloud?
- a) 1
 - b) 2
 - c) 3
 - d) 4

Answer: c

8. The three different service models are together known as the _____ model of cloud computing.
- a) SPI
 - b) SIP
 - c) CPI
 - d) All of the mentioned

Answer: a

9. CaaS stands for _____ as service.
- a) Compliance
 - b) Computer
 - c) Community
 - d) Communication

Answer: d

10. Which of the following is the IaaS service provider?
- a) EC2
 - b) EC1
 - c) EC10

d) Hybrid

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Benefits and Drawbacks of Cloud Computing”.

1. Which of the following was one of the top 5 cloud applications in 2010?

- a) Cloud backup
- b) Web applications
- c) Business applications
- d) All of the mentioned

Answer: d

2. Point out the correct statement.

- a) Google’s cloud includes perhaps some 10 data centers worldwide
- b) Flipkart.com’s infrastructure was built to support elastic demand so the system could accommodate peak traffic
- c) Data centers have been sited to optimize the overall system latency
- d) All of the mentioned

Answer: c

3. Which of the following benefit is related to creates resources that are pooled together in a system that supports multi-tenant usage?

- a) On-demand self-service
- b) Broad network access
- c) Resource pooling
- d) All of the mentioned

Answer: a.

4. The _____ is something that you can obtain under contract from your vendor.

- a) PoS
- b) QoS
- c) SoS
- d) All of the mentioned

Answer: b.

5. Point out the wrong statement.

- a) Internet consumes roughly 1 percent of the world’s total power
- b) The cost advantages of cloud computing have enabled new software vendors to create productivity applications
- c) A client can provision computer resources without the need for interaction with cloud service provider personnel
- d) None of the mentioned

Answer: a

6. All cloud computing applications suffer from the inherent _____ that is intrinsic in their WAN connectivity.

- a) propagation
- b) latency
- c) noise
- d) all of the mentioned

Answer: b

7. Cloud computing is a _____ system and it is necessarily unidirectional in nature.

- a) stateless
- b) stateful
- c) reliable
- d) all of the mentioned

Answer: a

8. Which of the following is the most important area of concern in cloud computing?

- a) Security
- b) Storage
- c) Scalability
- d) All of the mentioned

Answer: a

9. You can't count on a cloud provider maintaining your _____ in the face of government actions.

- a) scalability
- b) reliability
- c) privacy
- d) none of the mentioned

Answer: c

10. Which of the following architectural standards is working with cloud computing industry?

- a) Service-oriented architecture
- b) Standardized Web services
- c) Web-application frameworks

d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Attributes of Cloud Computing”.

1. Which of the following is one of the unique attributes of Cloud Computing?

- a) utility type of delivery
- b) elasticity
- c) low barrier to entry
- d) all of the mentioned

Answer: d

2. Point out the correct statement.

- a) Service Level Agreements (SLAs) is small aspect of cloud computing
- b) Cloud computing does not have impact on software licensing
- c) Cloud computing presents new opportunities to users and developers
- d) All of the mentioned

Answer: c

3. Applications that work with cloud computing that have low margins and usually low risk are _____

- a) high touch
- b) low touch
- c) moderate touch
- d) all of the mentioned

Answer: b

4. A service that concentrates on hardware follows the _____ as a Service model.

- a) IaaS
- b) CaaS
- c) PaaS
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) A cloud is defined as the combination of the infrastructure of a datacenter with the ability to provision hardware and software
- b) High touch applications are best done on-premises
- c) The Google App Engine follows IaaS
- d) None of the mentioned

Answer: c

6. When you add a software stack, such as an operating system and applications to the service, the model shifts to _____ model.

- a) SaaS
- b) PaaS
- c) IaaS
- d) All of the mentioned

Answer: a

7. Which of the following is the most refined and restrictive service model?

- a) IaaS
- b) CaaS
- c) PaaS
- d) All of the mentioned

Answer: c

8. _____ is a pay-as-you-go model matches resources to need on an ongoing basis.

- a) Utility
- b) Elasticity
- c) Low barrier to entry
- d) All of the mentioned

Answer: a

9. _____ feature allows you to optimize your system and capture all possible transactions.

- a) scalability
- b) reliability
- c) elasticity
- d) none of the mentioned

Answer: c

10. _____ enables batch processing, which greatly speeds up high-processing applications.

- a) Scalability
- b) Reliability
- c) Elasticity
- d) Utility

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Laws of Cloudonomics”.

1. _____ blurs the differences between a small deployment and a large one because scale becomes tied only to demand.

- a) Leading
- b) Pooling
- c) Virtualization
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) A branded cloud computing platform cannot extend customer relationships by offering additional service options
- b) A cloud computing platform extends the company’s products and defends their franchise
- c) The economies of scale cannot make a profitable business
- d) All of the mentioned

Answer: b

3. A _____ is a facility that is a self-contained semiconductor assembly line.

- a) fab
- b) touch
- c) rep
- d) all of the mentioned

Answer: a

4. How many laws exist for Cloudonomics by Weinman?

- a) 4
- b) 5
- c) 10
- d) 15

Answer: c

5. Point out the wrong statement.

- a) Google App Engine allows a developer to scale an application immediately
- b) The customer relationship management provider Salesforce.com has a development platform called Force.com that is an IaaS offering
- c) A cloud computing provider can become a hub master at the center of many ISVs offerings

d) None of the mentioned

Answer: b

6. Cutting latency in half requires _____ times the number of nodes in a system.

- a) two
- b) three
- c) four
- d) seven

Answer: c

7. Weinman argues that a large cloud's size has the ability to repel _____ and DDoS attacks better than smaller systems do.

- a) sniffers
- b) botnets
- c) trojan horse
- d) all of the mentioned

Answer: b

8. The reliability of a system with n redundant components and a reliability of r is _____

- a) $1-(1-r)^n$
- b) $1-(1+r)^n$
- c) $1+(1-r)^n$
- d) All of the mentioned

Answer: a

9. A _____ site is one that is environmentally friendly: locations that are on a network backbone.

- a) greenfield
- b) redfield
- c) greenful
- d) none of the mentioned

Answer: a

10. The peak of the sum is never _____ than the sum of the peaks.

- a) smaller
- b) greater
- c) equal to

d) none of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Challenges and Obstacles to Cloud Computing”.

1. Which of the following subject area deals with pay-as-you-go usage model?

- a) Accounting Management
- b) Compliance
- c) Data Privacy
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Except for tightly managed SaaS cloud providers, the burden of resource management is still in the hands of the user
- b) Cloud computing vendors run very reliable networks
- c) The low barrier to entry cannot be accompanied by a low barrier to provisioning
- d) All of the mentioned

Answer: b

3. _____ captive requires that the cloud accommodate multiple compliance regimes.

- a) Licensed
- b) Policy-based
- c) Variable
- d) All of the mentioned

Answer: b

4. Security methods such as private encryption, VLANs and firewalls comes under _____ subject area.

- a) Accounting Management
- b) Compliance
- c) Data Privacy
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) Large cloud providers with geographically dispersed sites worldwide, therefore, achieve reliability rates that are hard for private systems to achieve
- b) Private data centers tend to be located in places where the company or unit was founded or acquired
- c) A network backbone is a very low-capacity network connection

d) None of the mentioned

Answer: c

6. Which of the following captive area deals with monitoring?

- a) Licensed
- b) Variable but under control
- c) Low
- d) All of the mentioned

Answer: b

7. Network bottlenecks occur when _____ data sets must be transferred.

- a) large
- b) small
- c) big
- d) all of the mentioned

Answer: a

8. The reputation for cloud computing services for the quality of those services is shared by _____

- a) replicas
- b) shards
- c) tenants
- d) all of the mentioned

Answer: c

9. Cloud _____ are standardized in order to appeal to the majority of its audience.

- a) SVAs
- b) SLAs
- c) SALs
- d) None of the mentioned

Answer: b

10. _____ is a function of the particular enterprise and application in an on-premises deployment.

- a) Vendor lock
- b) Vendor lock-in
- c) Vendor lock-ins
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud computing costs – 1”.

1. The cost of a cloud computing deployment is roughly estimated to be _____
- a) $\text{CostCLOUD} = \Sigma(\text{UnitCostCLOUD} / (\text{Revenue} - \text{CostCLOUD}))$
 - b) $\text{CostCLOUD} = \Sigma(\text{UnitCostCLOUD} \times (\text{Revenue} + \text{CostCLOUD}))$
 - c) $\text{CostCLOUD} = \Sigma(\text{UnitCostCLOUD} \times (\text{Revenue} - \text{CostCLOUD}))$
 - d) All of the mentioned

Answer: c

2. Point out the correct statement.
- a) Cloud resource pricing doesn't always scale linearly based on performance
 - b) Depending upon the service model type, other resources add additional unit costs
 - c) Typical efficiency in data centers are between 10 and 55 percent
 - d) All of the mentioned

Answer: a

3. The costs associated with resources in the cloud computing model _____ can be unbundled to a greater extent than the costs associated with CostDATACENTER.
- a) CLOUD
 - b) CostCLOUD
 - c) CCLOUD
 - d) All of the mentioned

Answer: b

4. Security methods such as private encryption, VLANs and firewalls comes under _____ subject area.
- a) $\text{CostDATACENTER} = 1/n \Sigma(\text{UnitCostDATACENTER} / (\text{Revenue} - (\text{CostDATACENTER}/\text{Utilization})))\text{SYSTEM}_n$
 - b) $\text{CostDATACENTER} = 1/n \Sigma(\text{UnitCostDATACENTER} \times (\text{Revenue} - (\text{CostDATACENTER}/\text{Utilization})))\text{SYSTEM}_n$
 - c) $\text{CostDATACENTER} = 1/n \Sigma(\text{UnitCostDATACENTER} \times (\text{Revenue} + (\text{CostDATACENTER}/\text{Utilization})))\text{SYSTEM}_n$
 - d) All of the mentioned

Answer: b

5. Point out the wrong statement.
- a) Data center operates under average loads
 - b) Private cloud doesn't pooling of resources that a cloud computing provider can achieve

- c) Private cloud doesn't employ the same level of virtualization
- d) None of the mentioned

Answer: c

6. For a server with a four-year lifetime, you would therefore need to include an overhead roughly equal to ____ percent of the system's acquisition cost.
- a) 10
 - b) 20
 - c) 25
 - d) All of the mentioned

Answer: c

7. The overhead associated with ____ staff is a major cost.
- a) Data Center
 - b) IT
 - c) Non IT
 - d) All of the mentioned

Answer: b

8. Moving expenses onto the _____ side of a budget allows an organization to transfer risk to their cloud computing provider.
- a) Dex
 - b) OpEx
 - c) Pex
 - d) All of the mentioned

Answer: b

9. _____ is surely an impediment to established businesses starting new enterprises.
- a) Proposition
 - b) Capitalization
 - c) Globalization
 - d) None of the mentioned

Answer: b

10. Cloud computing is also a good option when the cost of infrastructure and management is _____
- a) low
 - b) high
 - c) moderate

d) none of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions and Answers for freshers focuses on “Cloud Computing Costs – 2”.

1. _____ sizing is possible when the system load is cyclical or in some cases when there are predictable bursts or spikes in the load.

- a) Left
- b) Right
- c) Top
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) A standard machine instance (virtual computer) might cost \$0.10 or less an hour
- b) A typical storage charge might be \$0.10 per GB/month
- c) Outsourcing shifts the burden of capital expenditures onto the service provider
- d) All of the mentioned

Answer: d

3. _____ is a financial estimate for the costs of the use of a product or service over its lifetime.

- a) TCO
- b) TOC
- c) COT
- d) All of the mentioned

Answer: a

4. The Microsoft _____ Platform ROI wizard provides a quick and dirty analysis of your TCO for a cloud deployment on Windows Azure in an attractive report format.

- a) AWS
- b) EC2
- c) Azure
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) TCO must account for the real costs of items, but frequently they do not
- b) A system consumes resources such as space in a datacenter or portion of your site, power, cooling, and management
- c) Microsoft maintains an economics page for its Windows Azure Platform

d) None of the mentioned

Answer: d

6. A _____ Level Agreement (SLA) is the contract for performance negotiated between you and a service provider.

- a) Service
- b) Application
- c) Deployment
- d) All of the mentioned

Answer: a

7. Which of the following is specified parameter of SLA?

- a) Response times
- b) Responsibilities of each party
- c) Warranties
- d) All of the mentioned

Answer: d

8. When you purchase shrink-wrapped software, you are using that software based on a licensing agreement called _____

- a) EULA
- b) EUL
- c) ELA
- d) All of the mentioned

Answer: a

9. Cloud computing shifts capital expenditures into _____ expenditures.

- a) operating
- b) service
- c) local
- d) none of the mentioned

Answer: a

10. Which of the following service is used for backing up a licensed computer?

- a) CarbonT
- b) Karbonite
- c) Carbonite
- d) None of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Connecting to the Cloud”.

1. Which of the following is one of the properties that differentiates cloud computing?
- a) scalability
 - b) virtualization
 - c) composability
 - d) all of the mentioned

Answer: c

2. Point out the correct statement.
- a) Cloud computing is a natural extension of many of the design principles, protocols, plumbing, and systems
 - b) Platforms are used to create more easy software
 - c) All SLAs are enforceable as contracts
 - d) All of the mentioned

Answer: a

3. A _____ is a cloud computing service that is both hardware and software.
- a) service
 - b) platform
 - c) model
 - d) all of the mentioned

Answer: b

4. Cloud computing doesn't require that _____ and software be composable.
- a) cloud
 - b) database
 - c) hardware
 - d) all of the mentioned

Answer: c

5. Point out the wrong statement.
- a) Virtual appliances are becoming a very important standard cloud computing deployment object
 - b) Cloud computing requires some standard protocols
 - c) Cloud computing relies on a set of protocols needed to manage interprocess communications

d) None of the mentioned

Answer: d

6. The most commonly used set of protocols uses _____ as the messaging format.

- a) XML
- b) JSON
- c) BSON
- d) All of the mentioned

Answer: a

7. Which of the following language is used to manage transactions?

- a) WSDL
- b) XML
- c) SOAP
- d) All of the mentioned

Answer: a

8. Which of the architectural layer is used as backend in cloud computing?

- a) client
- b) cloud
- c) soft
- d) all of the mentioned

Answer: b

9. A _____ cloud requires virtualized storage to support the staging and storage of data.

- a) soft
- b) compute
- c) local
- d) none of the mentioned

Answer: b

10. A _____ system uses components to assemble services that can be tailored for a specific purpose using standard parts.

- a) reliable
- b) scalable
- c) composable
- d) none of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Computing Stack – 1”.

1. A _____ service provider gets the same benefits from a composable system that a user does.

- a) CaaS
- b) AaaS
- c) PaaS
- d) All of the mentioned

Answer: c

2. Point out the correct statement.

- a) Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service
- b) Cloud computing relies on a set of protocols needed to manage interprocess communications
- c) Platforms are used to create more complex software
- d) All of the mentioned

Answer: d

3. Which of the following is the property of the composable component?

- a) stateful
- b) stateless
- c) symmetric
- d) all of the mentioned

Answer: b

4. From the standpoint of a _____ it makes no sense to offer non-standard machine instances to customers.

- a) CaaS
- b) AaaS
- c) PaaS
- d) IaaS

Answer: d

5. Point out the wrong statement.

- a) A cloud cannot be created within an organization’s own infrastructure or outsourced to another datacenter
- b) A composable component must be modular

- c) A composable component must be stateless
- d) None of the mentioned

Answer: a

6. A service provider reselling a _____ may have the option to offer one module to customize the information.

- a) CaaS
- b) AaaS
- c) PaaS
- d) SaaS

Answer: d

7. Which of the following is the highest degree of integration in cloud computing?

- a) CaaS
- b) AaaS
- c) PaaS
- d) SaaS

Answer: d

8. Which of the architectural layer is used as a front end in cloud computing?

- a) client
- b) cloud
- c) soft
- d) all of the mentioned

Answer: a

9. Which of the following benefit is provided by the PaaS service provider?

- a) A larger pool of qualified developers
- b) More reliable operation
- c) A logical design methodology
- d) All of the mentioned

Answer: d

10. Communication between services is done widely using _____ protocol.

- a) REST
- b) SOAP
- c) RESTful
- d) None of the mentioned

Answer: b

This set of Cloud Computing Interview Questions and Answers for freshers focuses on “Cloud Computing Stack – 2”.

1. Which of the following provider rely on the virtual machine technology to deliver servers?

- a) CaaS
- b) AaaS
- c) PaaS
- d) IaaS

Answer: d

2. Point out the correct statement.

- a) Virtual machines are containers that are assigned specific resources
- b) Applications need not be mindful of how they use cloud resources
- c) When a developer creates an application that uses a cloud service, the developer cannot attach to the appropriate service
- d) All of the mentioned

Answer: a

3. Which of the following component is called hypervisor?

- a) VGM
- b) VMc
- c) VMM
- d) All of the mentioned

Answer: c

4. Applications such as a Web server or database server that can run on a virtual machine image are referred to as _____

- a) virtual server
- b) virtual appliances
- c) machine imaging
- d) all of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Platforms represent nearly the full cloud software stack
- b) A platform in the cloud is a software layer that is used to create higher levels of service
- c) Platforms often come replete with tools and utilities to aid in application design and deployment

d) None of the mentioned

Answer: d

6. _____ allows different operating systems to run in their own memory space.

- a) VGM
- b) VMc
- c) VMM
- d) All of the mentioned

Answer: c

7. Amazon Machine Images are virtual appliances that have been packaged to run on the grid of _____ nodes.

- a) Ben
- b) Xen
- c) Ken
- d) Zen

Answer: b

8. Which of the following offers virtual appliances, including ones based on Windows, all of which run on VMware Player?

- a) Bagvapp
- b) Jcinacio
- c) HelpdeskLive
- d) All of the mentioned

Answer: a

9. _____ offers various Linux distributions upon which you can build a virtual machine.

- a) Bagvapp
- b) Jcinacio
- c) HelpdeskLive
- d) All of the mentioned

Answer: b

10. _____ is a CPU emulator and virtual machine monitor.

- a) Imaging
- b) Parallels
- c) QEMU
- d) None of the mentioned

Answer: c

This set of Interview Questions and Answers focuses on “IaaS – Infrastructure as a Service – 1”.

1. Which of the following is a virtual machine technology now owned by Oracle that can run various operating systems?

- a) Vmachines
- b) VirtualBox
- c) ThoughtPolice
- d) None of the mentioned

Answer: b

2. Point out the correct statement.

- a) JumpIt is an open-source virtual appliance installation and management service
- b) Converting a virtual appliance from one platform to another is easy proposition
- c) Nearly all major virtualization platform vendors support OVF, notably VMware, Microsoft, Oracle, and Citrix
- d) All of the mentioned

Answer: c

3. Which of the following lets a Web service advertise itself in terms of a collection of endpoints?

- a) WSDL
- b) VMC
- c) SOAP
- d) All of the mentioned

Answer: a

4. Which of the following is a specification for multicast discovery on a LAN?

- a) WS-Agent
- b) WS-Discovery
- c) WS-SOAP
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Cloud computing arises from services available over the Internet communicating
- b) XML-RPC uses platform-independent XML data to encode program calls that are transported over HTTP
- c) SOAP uses JSON for its messages and uses RPC and HTTP for message passing

d) None of the mentioned

Answer: c

6. _____ as a Service is a cloud computing infrastructure that creates a development environment upon which applications may be build.

- a) Infrastructure
- b) Service
- c) Platform
- d) All of the mentioned

Answer: c

7. _____ is a cloud computing service model in which hardware is virtualized in the cloud.

- a) IaaS
- b) CaaS
- c) PaaS
- d) None of the mentioned

Answer: a

8. Which of the following is the fundamental unit of virtualized client in an IaaS deployment?

- a) workunit
- b) workspace
- c) workload
- d) all of the mentioned

Answer: c

9. How many types of virtual private server instances are partitioned in an IaaS stack?

- a) one
- b) two
- c) three
- d) all of the mentioned

Answer: c

10. Which of the following correctly represents cloud computing ecosystem?

- a)

Business Process

Application Services
Platform Services
Infrastructure Services

b)

Application Process
Business Services
Platform Services
Infrastructure Services

c)

Application Process
Infrastructure Services
Platform Services
Infrastructure Services

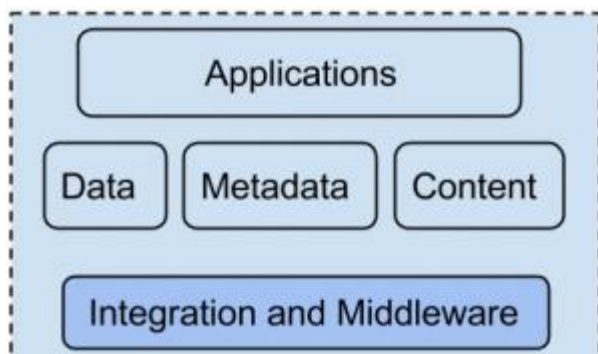
d)

Business Process
Application Services
Infrastructure Services
Platform Services

Answer: a

This set of Cloud Computing Questions and Answers for experienced focuses on “IaaS – 2”.

1. Which of the following content is allowed as per virtual appliance block diagram shown below?



- a) Table
- b) Image
- c) Documents
- d) All of the mentioned

Answer: d

2. Point out the correct statement.

- a) WS-+ services carried over XML messages using the SOAP protocol access remote server applications
- b) REST stands for Representational State Transfer
- c) A transaction following the rules of SOAP is considered to be RESTful
- d) All of the mentioned

Answer: b

3. Which of the following is based on the IETF Session Initiation Protocol?

- a) WSDL
- b) SIMPLE
- c) SOAP
- d) All of the mentioned

Answer: b

4. Which of the following is a third-party VPN based on Google's GoogleTalk?

- a) Hotspot VPN
- b) Gbridge
- c) AnchorFree Hotspot Shield
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Atom is a syndication format that allows for HTTP protocols to create and update information
- b) Cloud services span the gamut of computer applications
- c) The impact of cloud computing on network communication is to discourage the use of open-network protocols in place of proprietary protocols
- d) None of the mentioned

Answer: c

6. Which of the following is a classic example of an IaaS service model?

- a) AWS
- b) Azure
- c) Cloudera
- d) All of the mentioned

Answer: a

7. _____ is designed specifically to run connected to the cloud as a dedicated cloud client.

- a) Harvera Tablet OS
- b) Fedora Netbook OS
- c) Jolicloud Netbook OS
- d) None of the mentioned

Answer: c

8. Which of the following is the management console in AWS?

- a) CSC
- b) CCS
- c) CSS
- d) All of the mentioned

Answer: b

9. A group of users within a particular instance is called _____

- a) suser
- b) pod
- c) superuser
- d) all of the mentioned

Answer: b

10. Pods are aggregated into pools within an IaaS region or site called an _____ zone.

- a) restricted
- b) unavail
- c) availability
- d) none of the mentioned

Answer: c

This set of Interview Questions and Answers focuses on “PaaS – Platform as a Service”.

1. _____ offering provides the tools and development environment to deploy applications on another vendor’s application.

- a) PaaS
- b) IaaS
- c) CaaS
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) Platforms cannot be based on specific types of development languages, application frameworks, or other constructs
- b) PaaS systems offer a way to create user interfaces
- c) In a CaaS model, customers may interact with the software to enter and retrieve data
- d) All of the mentioned

Answer: b

3. Which of the following is associated with considerable vendor lock-in?

- a) PaaS
- b) IaaS
- c) CaaS
- d) SaaS

Answer: a

4. _____ serves as a PaaS vendor within Google App Engine system.

- a) Google
- b) Amazon
- c) Microsoft
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) The customer takes no responsibility for maintaining the hardware, the software, or the development of the applications
- b) The vendor is responsible for all the operational aspects of the service
- c) Google’s App Engine platform is IaaS offering
- d) None of the mentioned

Answer: c

6. Which of the following can be considered PaaS offering?

- a) Google Maps
- b) Gmail
- c) Google Earth
- d) All of the mentioned

Answer: a

7. _____ is the most refined and restrictive service model.

- a) IaaS
- b) CaaS
- c) PaaS
- d) All of the mentioned

Answer: c

8. _____ provides virtual machines, virtual storage, virtual infrastructure, and other hardware assets.

- a) IaaS
- b) SaaS
- c) PaaS
- d) All of the mentioned

Answer: a

9. Amazon Web Services offers a classic Service Oriented Architecture (SOA) approach to _____

- a) IaaS
- b) SaaS
- c) PaaS
- d) All of the mentioned

Answer: c

10. Rackspace Cloud Service is an example of _____

- a) IaaS
- b) SaaS
- c) PaaS
- d) All of the mentioned

Answer: a

This set of Interview Questions and Answers focuses on “SaaS – Software as a Service”.

1. Which of the following is the most complete cloud computing service model?

- a) PaaS
- b) IaaS
- c) CaaS
- d) SaaS

Answer: d

2. Point out the correct statement.

- a) Platforms can be based on specific types of development languages, application frameworks, or other constructs
- b) SaaS is the cloud-based equivalent of shrink-wrapped software
- c) Software as a Service (SaaS) may be succinctly described as software that is deployed on a hosted service
- d) All of the mentioned

Answer: d

3. Which of the following aspect of the service is abstracted away?

- a) Data escrow
- b) User Interaction
- c) Adoption drivers
- d) None of the mentioned

Answer: b

4. Which of the following SaaS platform is with an exposed API?

- a) salesforce.com
- b) amazon.com
- c) flipkart.com
- d) all of the mentioned

Answer: a

5. Point out the wrong statement.

- a) SaaS applications come in all shapes and sizes
- b) Every computer user is familiar with SaaS systems
- c) SaaS software is not customizable
- d) None of the mentioned

Answer: d

6. Which of the following is a SaaS characteristic?

- a) The typical license is subscription-based or usage-based and is billed on a recurring basis
- b) The software is available over the Internet globally through a browser on demand
- c) The software and the service are monitored and maintained by the vendor
- d) All of the mentioned

Answer: d

7. _____ applications have a much lower barrier to entry than their locally installed competitors.

- a) IaaS
- b) CaaS
- c) PaaS
- d) None of the mentioned

Answer: d

8. SaaS supports multiple users and provides a shared data model through _____ model.

- a) single-tenancy
- b) multi-tenancy
- c) multiple-instance
- d) all of the mentioned

Answer: b

9. Open source software used in a SaaS is called _____ SaaS.

- a) closed
- b) free
- c) open
- d) all of the mentioned

Answer: c

10. The componentized nature of SaaS solutions enables many solutions to support a feature called _____

- a) workspace
- b) workloads
- c) mashups
- d) all of the mentioned

Answer: c

This set of Interview Questions and Answers focuses on “IDaaS – Identify as a Service – 1”.

1. Salesforce.com is the largest _____ provider of CRM software.

- a) PaaS
- b) IaaS
- c) CaaS
- d) SaaS

Answer: d

2. Point out the statement.

- a) Mashups are an incredibly useful hybrid Web application
- b) SaaS will eventually replace all locally installed software
- c) The establishment and proof of identity is a central network function
- d) All of the mentioned

Answer: d

3. Which of the following group is dedicated to support technologies that implement enterprise mashups?

- a) Open Alliance Apache
- b) Open Mashup Alliance
- c) Open Tech Alliance
- d) None of the mentioned

Answer: b

4. Which of the following attribute should be unique?

- a) identity
- b) digital identity
- c) mashup
- d) all of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Distributed transaction systems such as internetworks or cloud computing systems magnify the difficulties faced by identity management systems
- b) Services that provide digital identity management as a service have been part of internetworked systems from Day One
- c) IDaaS Server establishes the identity of a domain as belonging to a set of assigned addresses
- d) None of the mentioned

Answer: c

6. _____ authentication requires the outside use of a network security or trust service.

- a) SSO
- b) Singlefactor
- c) Multi Factor
- d) All of the mentioned

Answer: c

7. _____ is the assignment of a network identity to a specific MAC address that allows systems to be found on networks.

- a) Internet Hardware Addresses
- b) Ethernet Software Addresses
- c) Ethernet Hardware Addresses
- d) None of the mentioned

Answer: c

8. _____ is one of the more expensive and complex areas of network computing.

- a) Multi-Factor Authentication
- b) Fault tolerance
- c) Identity protection
- d) All of the mentioned

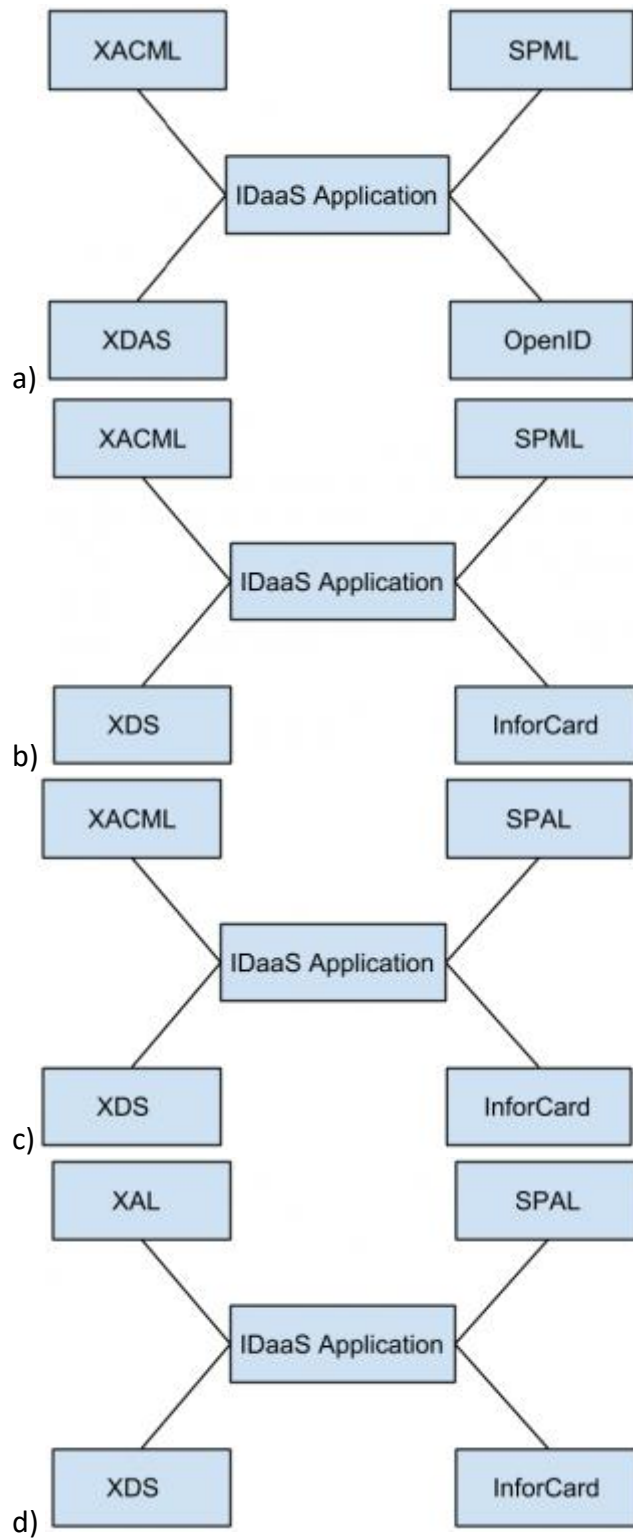
Answer: c

9. Which of the following is provided by Identity as a Service?

- a) Identity governance
- b) Provisioning
- c) Risk and event monitoring
- d) All of the mentioned

Answer: d

10. Which of the following figure fully represent standards needed by IDaaS applications for interoperability?



Answer: a

This set of Cloud Computing Interview Questions and Answers for experienced people focuses on “IDaaS – 2”

1. Any software application that complies with the standard accepts a _____ that is authenticated by a trusted provider.

- a) OpenID
- b) OpenUser
- c) OpenSSD
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) XML checks the ID request against its policies and either allows or denies the request
- b) SPML in most instances operates as a reply/request mechanism
- c) User centric authentication takes place usually in the form of knowledge cards
- d) All of the mentioned

Answer: b

3. Which of the following allows a distributed ID system to write and enforce custom policy expressions?

- a) XACML
- b) XML
- c) SOAP
- d) None of the mentioned

Answer: a

4. _____ is a standard of OASIS’s PSTC that conforms to the SOA architecture.

- a) XACML
- b) SPML
- c) SML
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Distributed transaction systems such as internetworks or cloud computing systems magnify the difficulties faced by identity management systems
- b) The Distributed Audit Service provides accountability for users accessing a system
- c) The OpenID and CardSpace specifications support the authentication type of data object

d) None of the mentioned

Answer: c

6. Which of the following standard is concerned with the exchange and control of identity information?

- a) IGK
- b) IDF
- c) IGF
- d) All of the mentioned

Answer: c

7. _____ is a Microsoft software client that is part of the company's Identity Metasystem and built into the Web Services Protocol Stack.

- a) IHA
- b) EHA
- c) CardSpace
- d) None of the mentioned

Answer: c

8. The _____ Open Source Identity Framework is used to create a vendor-neutral cloud-based authentication service.

- a) Higgins
- b) Hughes
- c) Hinges
- d) All of the mentioned

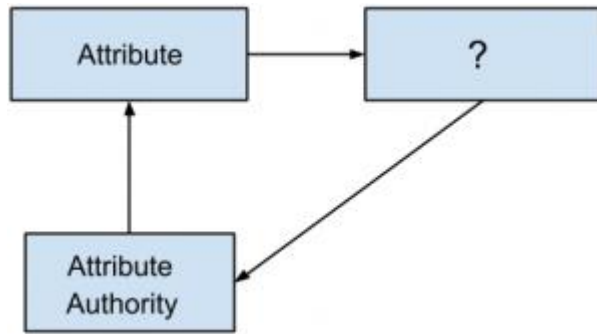
Answer: a

9. Which of the following is authorization markup language?

- a) eXtensible Access Control Markup Language
- b) intrinsic Access Control Markup Language
- c) hypertext Access Control Markup Language
- d) all of the mentioned

Answer: a

10. Which of the following should come in place of question mark for the following figure?



- a) Policy Enforcement Point
- b) Policy Decision Point
- c) Policy Insertion Point
- d) All of the mentioned

Answer: b

This set of Interview Questions and Answers focuses on “CaaS – Communication as a Service”.

1. Which of the following is an example of a vertical cloud that advertise CaaS capabilities?

- a) FedCloud
- b) ClearPoint PCI
- c) Rackserve PCI
- d) All of the mentioned

Answer: d

2. Point out the wrong statement.

- a) SPML is used to prepare Web services and applications for use
- b) With SPML, a system can provide automated user and system access
- c) Without a provisioning system, a cloud computing system can be very efficient and potentially reliable
- d) All of the mentioned

Answer: c

3. Which of the following allows a distributed ID system to write and enforce custom policy expressions?

- a) XACML
- b) XML
- c) SOAP
- d) None of the mentioned

Answer: a

4. Which of the following is a man-in-the-middle type of service?

- a) CaaS
- b) IaaS
- c) AaaS
- d) All of the mentioned

Answer: a

5. Point out the correct statement.

- a) Cloud computing by its very nature spans same jurisdictions
- b) SaaS is much more than simply providing an anonymous service token to an identity
- c) A Compliance as a Service application would need to serve as a trusted third party
- d) All of the mentioned

Answer: c

6. Which of the following can be used for the banking industry?

- a) athenahealth
- b) bankserve
- c) bankingsol
- d) all of the mentioned

Answer: b

7. _____ as a Service is a hosted application that is the cloud equivalent of a traditional desktop application.

- a) Software
- b) Platform
- c) Analytics
- d) Compliance

Answer: a

8. Which of the following is a PCI CaaS service?

- a) FedCloud
- b) ClearSoln
- c) Rackserve PCI
- d) All of the mentioned

Answer: c

9. _____ is used for merchant transactions under the Payment Card Industry Data Security Standard.

- a) ClearPoint PCI
- b) ClearSoln
- c) Rackserve PCI
- d) All of the mentioned

Answer: a

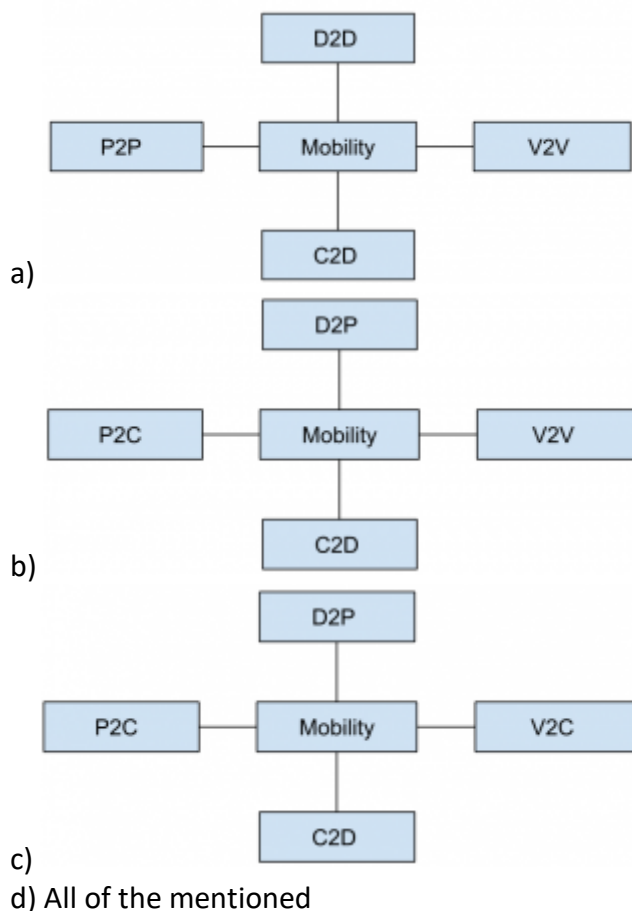
10. _____ as a Service is a development environment that builds upon an existing cloud computing application infrastructure.

- a) Software
- b) Platform
- c) Analytics
- d) Compliance

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Virtualization Technologies”.

1. Which of the following correctly represents different types of mobile patterns?



Answer: a

2. Point out the wrong statement.

- a) Abstraction enables the key benefit of cloud computing: shared, ubiquitous access
- b) Virtualization assigns a logical name for a physical resource and then provides a pointer to that physical resource when a request is made
- c) All cloud computing applications combine their resources into pools that can be assigned on demand to users
- d) All of the mentioned

Answer: c

3. Which of the following type of virtualization is also characteristic of cloud computing?

- a) Storage
- b) Application
- c) CPU

d) All of the mentioned

Answer: d

4. The technology used to distribute service requests to resources is referred to as

- a) load performing
- b) load scheduling
- c) load balancing
- d) all of the mentioned

Answer: c

5. Point out the correct statement.

- a) A client can request access to a cloud service from any location
- b) A cloud has multiple application instances and directs requests to an instance based on conditions
- c) Computers can be partitioned into a set of virtual machines with each machine being assigned a workload
- d) All of the mentioned

Answer: d

6. Which of the following software can be used to implement load balancing?

- a) Apache mod_balancer
- b) Apache mod_proxy_balancer
- c) F6's BigIP
- d) All of the mentioned

Answer: b

7. Which of the following network resources can be load balanced?

- a) Connections through intelligent switches
- b) DNS
- c) Storage resources
- d) All of the mentioned

Answer: d

8. Which of the following is a more sophisticated load balancer?

- a) workload managers
- b) workspace managers
- c) rackserve managers

d) all of the mentioned

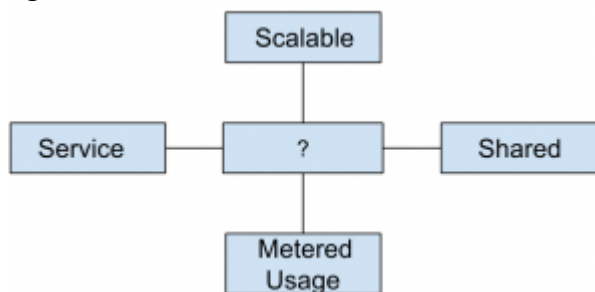
Answer: a

9. A _____ is a combination load balancer and application server that is a server placed between a firewall or router.

- a) ABC
- b) ACD
- c) ADC
- d) All of the mentioned

Answer: c

10. Which of the following should be replaced with the question mark in the following figure?

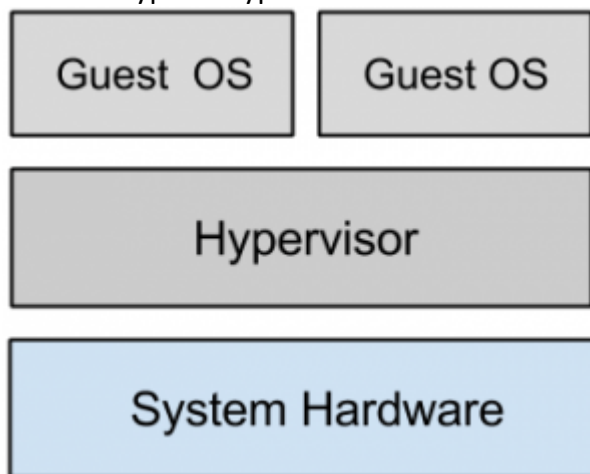


- a) Abstraction
- b) Virtualization
- c) Mobility Pattern
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Hypervisors – 1”.

1. Which type of Hypervisor is shown in the following figure?



- a) Type 1
- b) Type 2
- c) Type 3
- d) All of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Load balancing virtualizes systems and resources by mapping a logical address to a physical address
- b) Multiple instances of various Google applications are running on different hosts
- c) Google uses hardware virtualization
- d) All of the mentioned

Answer: c

3. Which of the following is another name for the system virtual machine?

- a) hardware virtual machine
- b) software virtual machine
- c) real machine
- d) none of the mentioned

Answer: a

4. Which of the following provide system resource access to virtual machines?

- a) VMM
- b) VMC

- c) VNM
- d) All of the mentioned

Answer: a

5. Point out the correct statement.

- a) A virtual machine is a computer that is walled off from the physical computer that the virtual machine is running on
- b) Virtual machines provide the capability of running multiple machine instances, each with their own operating system
- c) The downside of virtual machine technologies is that having resources indirectly addressed means there is some level of overhead
- d) All of the mentioned

Answer: d

6. An operating system running on a Type _____ VM is full virtualization.

- a) 1
- b) 2
- c) 3
- d) All of the mentioned

Answer: a

7. Which of the following is Type 1 Hypervisor?

- a) Wind River Simics
- b) Virtual Server 2005 R2
- c) KVM
- d) LynxSecure

Answer: d

8. Which of the following is Type 2 VM?

- a) VirtualLogix VLX
- b) VMware ESX
- c) Xen
- d) LynxSecure

Answer: c

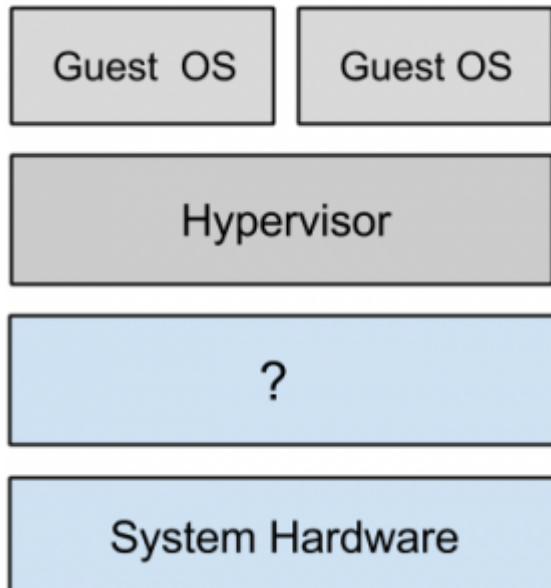
9. Which of the following will be the host operating system for Windows Server?

- a) VirtualLogix VLX
- b) Microsoft Hyper-V

- c) Xen
- d) All of the mentioned

Answer: b

10. Which of the following should be placed in second lowermost layer for the following figure?

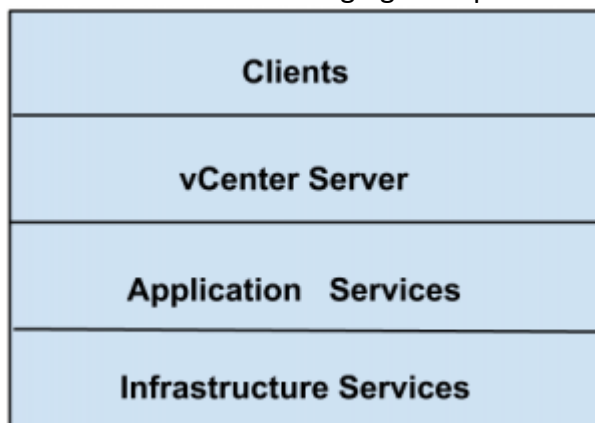


- a) Host Operating System
- b) Software
- c) VM
- d) None of the mentioned

Answer: a

This set of Cloud Computing Test focuses on “Hypervisors – 2”.

1. What does the following figure represent?



- a) vSquare cloud infrastructure
- b) vCube cloud infrastructure
- c) vSphere cloud infrastructure
- d) None of the mentioned

Answer: c

2. Point out the wrong statement.

- a) Some hypervisors are installed over an operating system and are referred to as Type 2 or hosted VM
- b) All CPUs support virtual machines
- c) On a Type 2 VM, a software interface is created that emulates the devices with which a system would normally interact
- d) All of the mentioned

Answer: b

3. Which of the following type of virtualization is found in hypervisor such as Microsoft's Hyper-V?

- a) paravirtualization
- b) full virtualization
- c) emulation
- d) none of the mentioned

Answer: a

4. In _____ the virtual machine simulates hardware, so it can be independent of the underlying system hardware.

- a) paravirtualization
- b) full virtualization

- c) emulation
- d) none of the mentioned

Answer: c

5. Point out the wrong statement.

- a) Full virtualization requires that the host operating system provide a virtual machine interface for the guest operating system and that the guest access hardware through that host VM
- b) Guest operating systems in full virtualization systems are generally faster than other virtualization schemes
- c) A process virtual machine instantiates when a command begins a process
- d) All of the mentioned

Answer: a

6. In a _____ scheme, the VM is installed as a Type 1 Hypervisor directly onto the hardware.

- a) paravirtualization
- b) full virtualization
- c) emulation
- d) none of the mentioned

Answer: b

7. Which of the following operating system support operating system virtualization?

- a) Windows NT
- b) Sun Solaris
- c) Windows XP
- d) Compliance

Answer: b

8. Which of the following is a service that aggregates servers into an assignable pool?

- a) VMware vStorage
- b) VMware vNetwork
- c) VMware vCompute
- d) Application services

Answer: c

9. _____ is a service that creates and manages virtual network interfaces.

- a) VMware vStorage
- b) VMware vNetwork

- c) VMware vCompute
- d) Application services

Answer: b

10. Which of the following allows a virtual machine to run on two or more physical processors at the same time?

- a) Virtual SMP
- b) Distributed Resource Scheduler
- c) vNetwork Distributed Switch
- d) Storage VMotion

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Machine Imaging”.

1. Which of the following product migrate files from one datastore to another datastore?
- a) vNetwork Distributed Switch
 - b) Storage VMotion
 - c) VMotion
 - d) None of the mentioned

Answer: b

2. Point out the wrong statement.
- a) A part of the DRS called the distributed power management (DPM) module can manage the power consumption of systems
 - b) DMS monitors network connections, provides firewall services, and enables the use of third-party switches
 - c) Physical computers can be standalone hosts or a set of clustered systems
 - d) All of the mentioned

Answer: b

3. _____ virtualization abstracts networking hardware and software into a virtual network that can be managed.
- a) Storage
 - b) Network
 - c) Software
 - d) None of the mentioned

Answer: b

4. Which of the following visualization is most commonly achieved through a mapping mechanism where a logical storage address is translated into a physical storage address?
- a) Storage
 - b) Network
 - c) Software
 - d) None of the mentioned

Answer: a

5. Point out the wrong statement.
- a) A virtual network can create virtual network interfaces
 - b) Instantiating a virtual machine is a very slow process
 - c) You can make machine images of systems in the configuration that you want to deploy or

take snapshots of working virtual machines

d) All of the mentioned

Answer: b

6. A _____ image makes a copy or a clone of the entire computer system inside a single container such as a file.

a) system

b) software

c) hardware

d) none of the mentioned

Answer: a

7. Which of the following is an open standard for storing a system image?

a) OVF

b) PPF

c) VOF

d) Compliance

Answer: a

8. _____ is used by Amazon Web Services to store copies of a virtual machine.

a) AMI

b) EMI

c) IMI

d) Application services

Answer: a

9. AMI imaging service is provided by Amazon for _____

a) private use

b) public use

c) pay-per-use

d) all of the mentioned

Answer: d

10. Which of the following runs on Xen Hypervisor?

a) Azure

b) AWS EC2

c) AWS EC3

d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Porting Applications”.

1. Which of the following vendor is offering optimization appliances for VMware infrastructure?

- a) Expand Networks
- b) Certeon
- c) Replify
- d) None of the mentioned

Answer: b

2. Point out the correct statement.

- a) Virtual appliances are a relatively new paradigm for application deployment
- b) External network virtualization cannot be done using network switches and VLAN software
- c) All imaging programs can take snapshots of systems
- d) All of the mentioned

Answer: a

3. Simple Cloud API is useful for applications written in _____

- a) PHP
- b) Python
- c) Scala
- d) None of the mentioned

Answer: a

4. The _____ solution creates a virtual application appliance as an architectural layer between the Windows or the UNIX operating system and applications.

- a) AppOne
- b) AppZero
- c) AppSoft
- d) None of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Cloud computing applications have the ability to run on virtual systems
- b) Systems (VMs running applications), storage, and network assets cannot be virtualized
- c) Applications that run in data centers are captive to the operating systems and hardware platforms that they run on

d) All of the mentioned

Answer: b

6. _____ creates a container that encapsulates the application and all the application's dependencies within a set of files.

- a) VAA
- b) VAS
- c) VSA
- d) None of the mentioned

Answer: a

7. Which of the following layer serves as the mediator for file I/O, the memory I/O, and application calls and response to DLLs?

- a) application
- b) client
- c) virtualization
- d) none of the mentioned

Answer: c

8. Which of the following application delivery platform's main focus is on desktop installations?

- a) Microsoft App-V
- b) Microsoft Hyper
- c) Amazon EC2
- d) All of the mentioned

Answer: a

9. Which of the following is the most widely used technique for abstraction?

- a) Load balancing
- b) Load scheduling
- c) Load scaling
- d) All of the mentioned

Answer: a

10. Which of the following is a potent cloud-building technology?

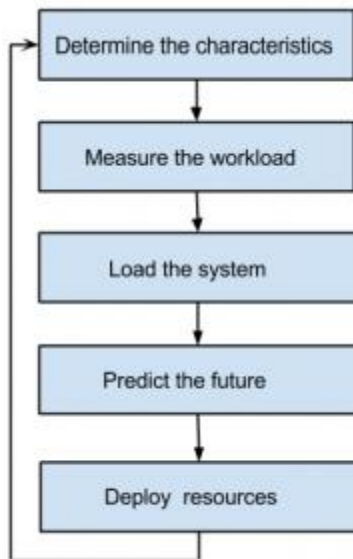
- a) vSphere
- b) HyperCube
- c) vCube

d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Capacity Planning”.

1. Which of the following correctly describes the following figure?



- a) Capacity Planning
- b) Performance Planning
- c) Network Planning
- d) None of the mentioned

Answer: a

2. Point out the correct statement.

- a) Capacity planning seeks to match demand to available resources
- b) Capacity planning examines what systems are in place, measures their performance, and determines patterns in usage that enables the planner to predict demand
- c) Resources are provisioned and allocated to meet demand
- d) All of the mentioned

Answer: d

3. What is the relation of the capacity attribute to performance?

- a) same
- b) different
- c) similar
- d) none of the mentioned

Answer: b

4. What does L in LAMP stands for?

- a) Lamp
- b) Linux
- c) Lone
- d) None of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Network capacity is one of the easiest factors to determine
- b) A system uses resources to satisfy cloud computing demands that include processor, memory, storage, and network capacity
- c) Scaling a system can be done by scaling up vertically to more powerful systems
- d) All of the mentioned

Answer: a

6. Which of the following is one of the major categories of Amazon Machine Instances that you can create on the Amazon Web Service?

- a) WAMP
- b) XAMPP
- c) LAMP
- d) None of the mentioned

Answer: c

7. Which of the following is used as a substitute for PHP as a scripting language in LAMP?

- a) Scala
- b) Perl
- c) Ruby
- d) None of the mentioned

Answer: b

8. Which of the following RDBMS is used by LAMP?

- a) SQL Server
- b) DB2
- c) MySQL
- d) All of the mentioned

Answer: c.

9. Which of the following is a critical step in capacity planning?

- a) Predict the future based on historical trends and other factors
- b) Load the system until it is overloaded

- c) Deploy or tear down resources to meet your predictions
- d) All of the mentioned

Answer: b

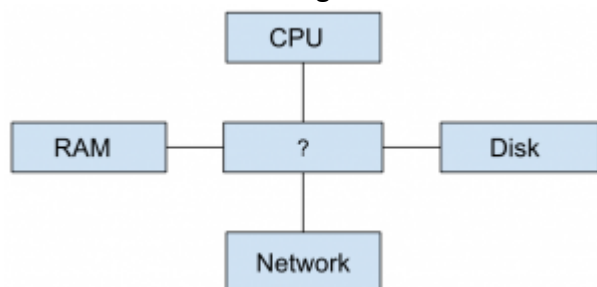
10. Which of the following is the hardest factor to determine?

- a) Network performance
- b) Network capacity
- c) Network delay
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Baseline Measurements”.

1. Which of the following is another name for resources mentioned in the following figure?



- a) System Metrics
- b) System Baseline
- c) System Parameters
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Page views or hits on the Web site, as measured in transactions per second
- b) Transactions completed on the database server, as measured by hits per second
- c) Performance logs are a primary source of data that everyone should have available for planning purposes
- d) All of the mentioned

Answer: c

3. Which of the following command is used to display the level of CPU activity in Linux?

- a) sep
- b) sav
- c) sar
- d) None of the mentioned

Answer: c

4. Which of the following tool captures time-dependent performance data from resources such as a CPU load?

- a) RBTool
- b) RRDTool
- c) Perfmon
- d) None of the mentioned

Answer: b

5. Point out the wrong statement.

- a) The total workload might be served by a single server instance in the cloud
- b) Performance logs are the only source of performance measurements
- c) The amount of resources to be deployed depends upon the characterization of the Web servers involved, their potential utilization rates, and other factors
- d) All of the mentioned

Answer: b

6. Which of the following tool is used for Web site monitoring service in LAMP?

- a) Alertra
- b) Cacti
- c) Collectd
- d) None of the mentioned

Answer: a

7. Which of the following is used as an Open source distributed monitoring system?

- a) Dstat
- b) GraphClick
- c) Ganglia
- d) None of the mentioned

Answer: c

8. Which of the following is not a commercial third-party Web site performance monitor?

- a) Keynote
- b) Munin
- c) Gomez
- d) All of the mentioned

Answer: b

9. Which of the following is available as both open source and commercial version?

- a) Zabbix
- b) ZenOSS
- c) SiteUpTime
- d) All of the mentioned

Answer: b

10. Which of the following testing seeks to answer maximum load that my current system can support?

- a) Load
- b) Security
- c) Navigation
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Resource Ceilings”.

1. Which of the following resource(s) represents the bottleneck in the current system that limits the system’s performance?

- a) ROM
- b) Resource ceiling
- c) Resource Parameters
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Load testing software is a large product category with software and hardware products
- b) Cloud computing offers virtual solutions
- c) Load testing is useful in testing the performance of only Web servers
- d) All of the mentioned

Answer: c

3. Which of the following application can replay requests to Web servers?

- a) HTTPPerf
- b) Perfmon
- c) Autobench
- d) None of the mentioned

Answer: a

4. Which of the following is often a bottleneck in Web servers?

- a) Network I/O
- b) RAM
- c) Disk
- d) None of the mentioned

Answer: a

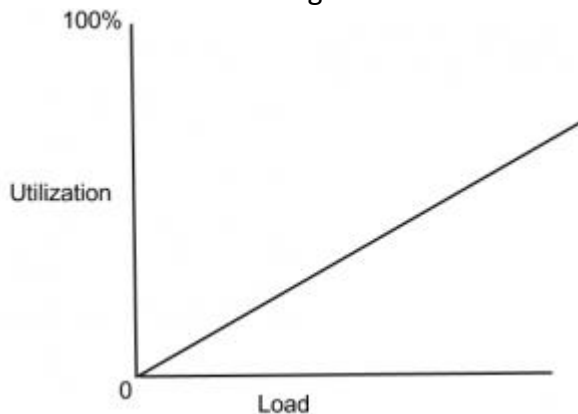
5. Point out the correct statement.

- a) Most load balancers allow you to weight the requests going to a specific server with the goal of serving more requests to less powerful systems and fewer requests to more powerful systems
- b) Most load balancers allow you to weight the requests going to a specific server with the goal of serving more requests to more powerful systems and fewer requests to less powerful systems

- c) Most load balancers allow you to weight the requests going to a specific server with the goal of serving fewer requests to more powerful systems and more requests to less powerful systems
 d) All of the mentioned

Answer: b

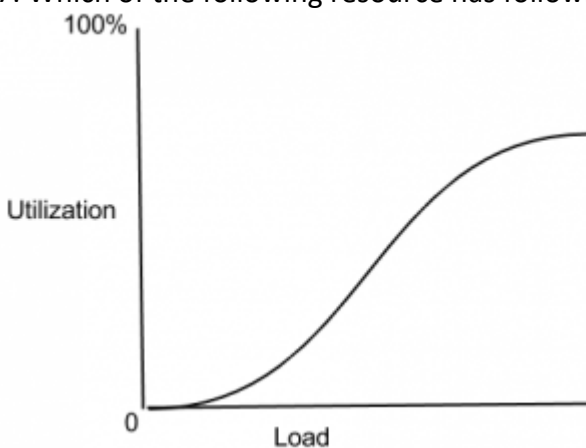
6. Which of the following resource has following graph structure for web servers?



- a) CPU
 b) RAM
 c) Disk
 d) None of the mentioned

Answer: a

7. Which of the following resource has following graph structure for web servers?



- a) Network I/O
 b) RAM
 c) Disk
 d) None of the mentioned

Answer: d

8. What does WnsP represent in the following formula?

$$WT = \sum (WSnP \cdot WSnV)$$

- a) workload of the virtual servers
- b) workload of your physical server
- c) sum over all the Web servers
- d) all of the mentioned

Answer: b

9. A master/slave MySQL replication architectural scheme is used for _____ database applications.

- a) medium size
- b) large
- c) smaller
- d) all of the mentioned

Answer: c

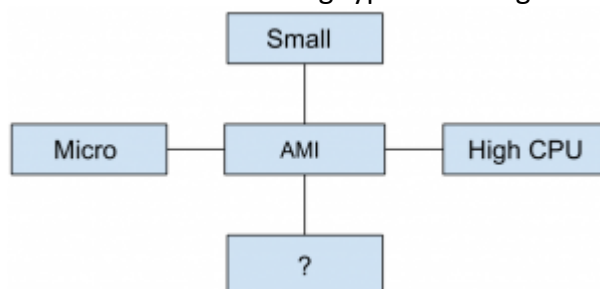
10. Which of the following performance analysis tool lets you save its state for Windows?

- a) MMS
- b) CloudWatch
- c) Microsoft Management Console
- d) All of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Server and Instance types”.

1. Which of the following type is missing in the following figure?



- a) High-CPU
- b) High-Disk
- c) High-ROM
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Use of different machine instance sizes is an attempt to create standard servers
- b) Reducing the variability between servers makes it easier to troubleshoot problems and simpler to deploy and configure new systems
- c) A server with the same set of software, system configuration, and hardware should perform similarly if given the same role in an infrastructure
- d) All of the mentioned

Answer: d

3. Which of the following instance has 68.4GB of memory and 26 EC2 Compute Units?

- a) High-Memory Quadruple Extra Large Instance
- b) Small Instance
- c) Micro Instance
- d) High-CPU Extra Large Instance

Answer: a

4. Which of the following instance is used by default in AMI?

- a) High-Memory Quadruple Extra Large Instance
- b) Small Instance
- c) Micro Instance
- d) High-CPU Extra Large Instance

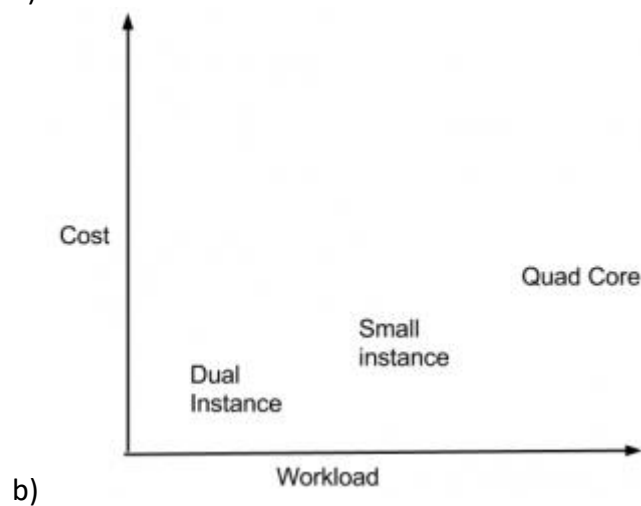
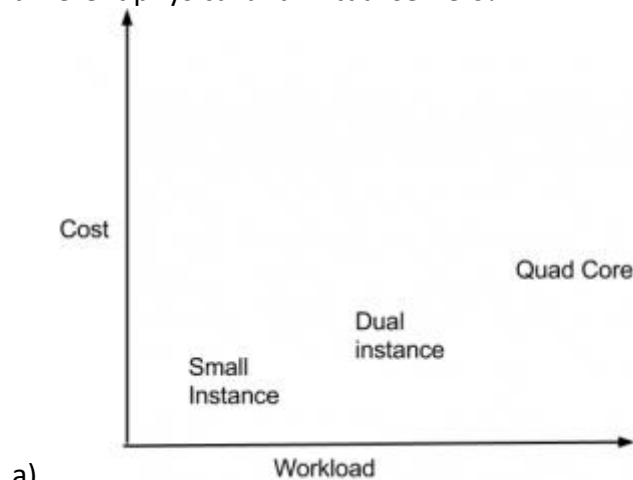
Answer: b

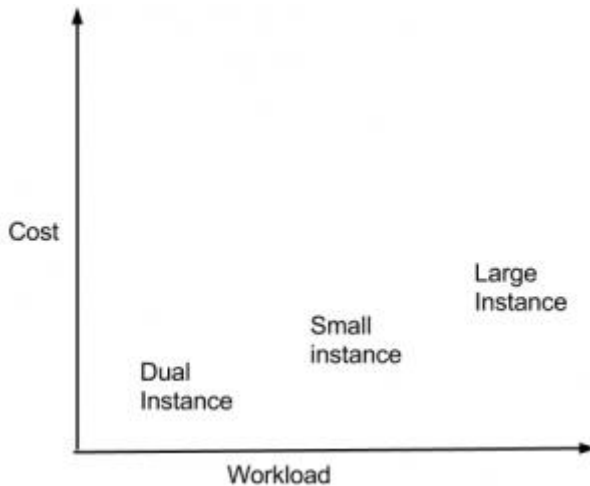
5. Point out the wrong statement.

- a) In practice, there is less performance variability in cloud machine instances
- b) Capacity planning seeks to compare the capability of one system against another system
- c) Capacity planning provides the service with the best operational parameters at the lowest cost
- d) All of the mentioned

Answer: a

6. Which of the following graph correctly describes relative costs and efficiencies of different physical and virtual servers?





- c)
d) None of the mentioned

Answer: a

7. Which of the following instance has an API name: m2.4xlarge?

- a) High-Memory Quadruple Extra Large Instance
b) Small Instance
c) Micro Instance
d) High-CPU Extra Large Instance

Answer: d

8. EC2 Compute Unit is the equivalent of a _____ GHz 2007 Opteron or 2007 Xeon processor.

- a) 1
b) 2
c) 4
d) All of the mentioned

Answer: a

9. Which of the following instance has the lowest performance in AMI?

- a) Auto Bench
b) Auto Scaling
c) Auto Performance
d) All of the mentioned

Answer: b

10. Which of the following cloud computing infrastructures automatically manage your capacity?

- a) High-Memory Quadruple Extra Large Instance

- b) Small Instance
- c) High-CPU Extra Large Instance
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Network Capacity”.

1. How many aspects need to be considered while assessing network capacity?

- a) one
- b) two
- c) three
- d) all of the mentioned

Answer: c

2. Point out the correct statement.

- a) For a cloud-based virtual computer, the network interface may be a highly variable resource
- b) Increasing the variability between servers makes it easier to troubleshoot problems and simpler to deploy and configure new systems
- c) A server with the different set of software, system configuration, and hardware should perform similarly if given the same role in an infrastructure
- d) All of the mentioned

Answer: a

3. Which of the following is not the aspect considered for network capacity?

- a) Network traffic from the cloud to the network interface
- b) Network traffic to and from the network interface at the server
- c) Network traffic from the cloud through your ISP to your local network interface
- d) All of the mentioned

Answer: d

4. Which of the following utility is used to monitor traffic in Windows?

- a) Microsoft Network Monitor
- b) Microsoft Performance Monitor
- c) Microsoft Perfmon
- d) None of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Tools are available that can monitor a cloud network’s performance at geographical different points and over different third-party ISP connections
- b) Apparent Networks company makes WAN network monitoring software
- c) Network Capacity is easy to measure in a reliable way

d) All of the mentioned

Answer: c

6. Which of the following packet sniffer was formerly called Ethereal?

- a) TCPdump
- b) Wireshark
- c) Ntop
- d) None of the mentioned

Answer: b

7. Which of the following factor can be considered to determine WAN Capacity?

- a) Routing and switching protocols
- b) Overall system traffic
- c) Network interconnect technologies
- d) All of the mentioned

Answer: d

8. _____ scaling allows you to use a virtual system to run more virtual machines.

- a) Horizontal
- b) Vertical
- c) Out
- d) All of the mentioned

Answer: b

9. Which of the following is used to evaluate your own cloud application's network performance?

- a) Path Cloud
- b) PathView Cloud
- c) View Cloud
- d) All of the mentioned

Answer: b

10. Scaling _____ indefinitely leads you to an architecture with a large number of servers.

- a) out
- b) in
- c) vertically
- d) all of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “PaaS Application Frameworks – 1”.

1. Application frameworks provide a means for creating _____ hosted applications using IDE.

- a) PaaS
- b) SaaS
- c) CaaS
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) Drupal is used in major Web sites and organizes vast amounts of information
- b) Fourspace is often associated with blogging tools
- c) FourSquare works with photos, imports information from other social tools, and allows very attractive Web sites to be created by average users
- d) All of the mentioned

Answer: a

3. Which of the following is based on the notion of information management and organization?

- a) CMS
- b) DMS
- c) MIS
- d) All of the mentioned

Answer: a

4. Which of the following environment best describes WorkXpress?

- a) 3GL
- b) 4GL
- c) 5GL
- d) None of the mentioned

Answer: c

5. Point out the wrong statement related to the common characteristics of SOA.

- a) They separate data-handling from presentation (user interface)
- b) They support the incorporation of business rules, logic, and actions
- c) They support packaging and deployment of applications

d) None of the mentioned

Answer: d

6. Which of the following module feature is provided by Drupal CMS?

- a) Traffic management
- b) OpenID authentication
- c) User interface creation tools
- d) All of the mentioned

Answer: d

7. Which of the following programming language solves problems by acting on constraints and inputs?

- a) 3GL
- b) 4GL
- c) 5GL
- d) None of the mentioned

Answer: c

8. _____ PaaS application delivery platform creates SOA applications that work on several different IaaS vendors.

- a) AppOne
- b) Eccentex AppBase
- c) Ez Publish
- d) All of the mentioned

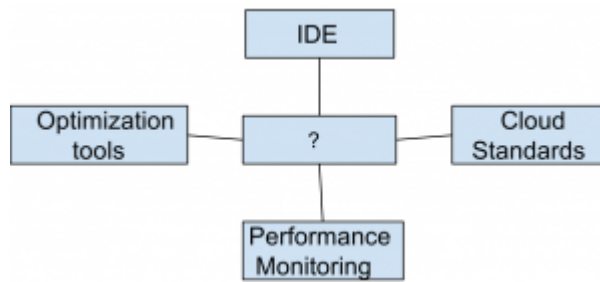
Answer: b

9. Which of the following AppBase tool allows you to assign access rights to different objects in the system?

- a) Security Roles Management
- b) Dashboard Designer
- c) Report Builder
- d) All of the mentioned

Answer: a

10. Which of the following should be replaced with question mark in the figure?



- a) CaaS
- b) SaaS
- c) IaaS
- d) None of the mentioned

Answer: b

This set of Cloud Computing Quiz focuses on “PaaS Application Frameworks – 2”.

1. Which of the following layer of Wolf platform architecture is depicted in the following figure?



- a) upper
- b) middle
- c) lower
- d) all of the mentioned

Answer: c

2. Point out the correct statement.

- a) SquareSpace is used in major Websites and organizes vast amounts of information
- b) LongJump creates browser-based Web applications that are database-enabled
- c) LongJump extends Python and uses a Model-View-Controller architecture (MVC) for its framework
- d) All of the mentioned

Answer: b

3. Which of the following instrumentation tool displays the real-time parameters of your application in a visual form in AppBase?

- a) Security Roles Management
- b) Dashboard Designer
- c) Report Builder
- d) All of the mentioned

Answer: b

4. Which of the following lets you sort, aggregate, display, and format report information based on the data in your application?

- a) Presentation Builder
- b) Dashboard Designer
- c) Report Builder
- d) Business Objects Build

Answer: c

5. Point out the wrong statement.

- a) LongJump comes with a security policy engine that has user and group privileges
- b) Squarespace lets you create beautiful hosted Websites with a variety of capabilities with

visual tools alone

- c) LongJump is WYSIWYG editor
- d) None of the mentioned

Answer: c

6. Which of the following object database has the ability to create rich data objects and create relationships between them?

- a) Presentation Builder
- b) Business Objects Build
- c) Business Process Designer
- d) All of the mentioned

Answer: b

7. Which of the following technologies are used in LongJump's PaaS?

- a) REST
- b) SOAP
- c) Java
- d) All of the mentioned

Answer: d

8. Which of the following is a WYSIWYG web builder?

- a) WaveMaker
- b) Eccentex AppBase
- c) Ez Publish
- d) All of the mentioned

Answer: a

9. _____ tool is used to create business logic for your application.

- a) Presentation Builder
- b) Business Objects Build
- c) Business Process Designer
- d) All of the mentioned

Answer: c

10. Which of the following architecture is shown in the following figure?



- a) AppOne

- b) AppBase
- c) AppSquare
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Google Web Services”.

1. Which of the following algorithm is used by Google to determine the importance of a particular page?

- a) SVD
- b) PageRank
- c) FastMap
- d) All of the mentioned

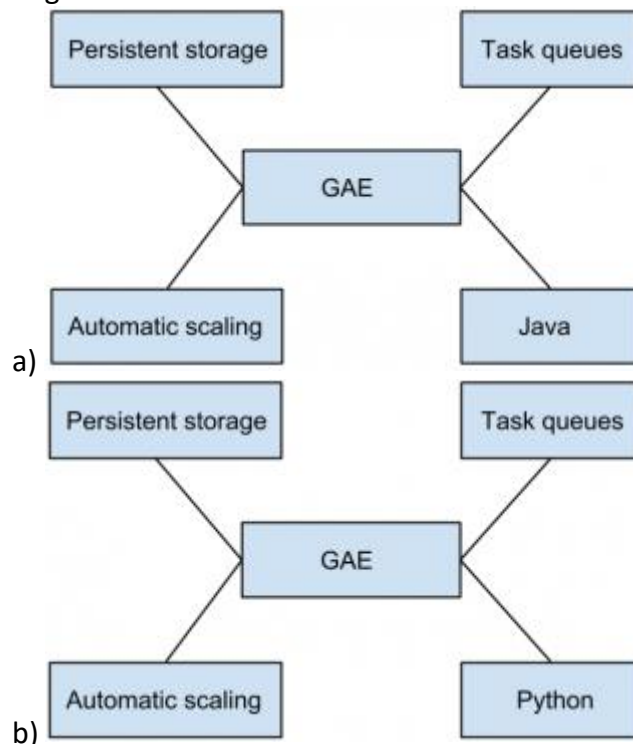
Answer: b

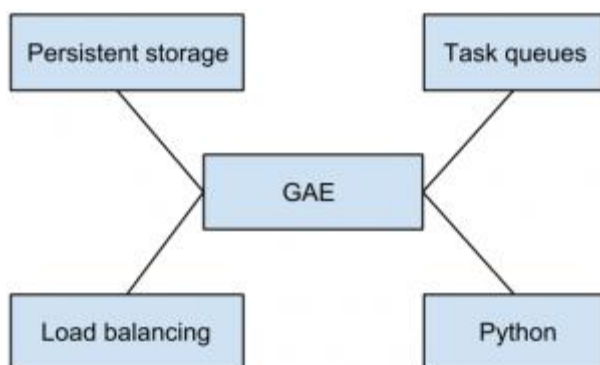
2. Point out the correct statement.

- a) With PaaS, the goal is to create hosted scalable applications that are used in a Software as a Service model
- b) Applications built using PaaS tools need to be standards-based
- c) In Wolf, the data and transaction management conforms to the business rules you create
- d) All of the mentioned

Answer: d

3. Which of the following figure correctly describe major features provided by Google App Engine?





- c)
d) All of the mentioned

Answer: d

4. Based on PageRank algorithm, Google returns _____ for a query that is parsed for its keywords.

- a) SEP
b) SAP
c) SERP
d) Business Objects Build

Answer: c

5. Point out the wrong statement.

- a) Wolf Frameworks uses a C# engine and supports both Microsoft SQL Server and MySQL database
b) Applications built in Wolf are 50-percent browser-based and support mashable and multisource overlaid content
c) Google applications are cloud-based applications
d) None of the mentioned

Answer: b

6. Which of the following protocol lets a Web site list in an XML file information?

- a) Sitemaps
b) Mashups
c) Hashups
d) All of the mentioned

Answer: a

7. Which of the following is not provided by “Deep Web”?

- a) Database generated Web pages
b) Private or limited access Web pages

- c) Pages without links
- d) All of the mentioned

Answer: d

8. Dynamic content presented in Google _____ crawling isn't normally indexed.

- a) AJAX
- b) Java
- c) Javascript
- d) All of the mentioned

Answer: a

9. Which of the following google product sends you periodic email alerts based on your search term?

- a) Alerts
- b) Blogger
- c) Calendar
- d) All of the mentioned

Answer: a

10. Which of the following is a payment processing system by Google?

- a) Paytm
- b) Checkout
- c) Code
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Google Application Portfolio”.

1. Which of the following creates a custom search utility for a particular Web site?

- a) Desktop
- b) Directory
- c) Custom Search
- d) None of the mentioned

Answer: c

2. Point out the correct statement.

- a) Yahoo search is the most popular search engine on the Web
- b) Google Ad Planner is a free media planning tool that can help you identify websites your audience is likely to visit so you can make better-informed advertising decisions
- c) Google AdSense is a free media planning tool that can help you identify websites your audience is likely to visit so you can make better-informed advertising decisions
- d) All of the mentioned

Answer: b

3. Which of the following product searches Web by topics?

- a) Desktop
- b) Directory
- c) Custom Search
- d) None of the mentioned

Answer: b

4. Which of the following is an online atlas and mapping service with mashups?

- a) iGoogle
- b) Earth
- c) GOOG-411
- d) Knol

Answer: b

5. Point out the wrong statement.

- a) Google Alerts are email updates of the latest relevant Google results (web, news, etc.) based on your choice of query or topic
- b) Google Analytics makes it easy to improve your results online
- c) Google Base is Google search technology focused on blogs

d) None of the mentioned

Answer: c

6. Which of the following indexes content on your local drive for fast searches?

- a) Desktop
- b) Code
- c) Hash
- d) All of the mentioned

Answer: a

7. Google _____ is a collection of applications and utilities under development and testing.

- a) Code
- b) Labs
- c) Hash
- d) All of the mentioned

Answer: b

8. Which of the following is photo-editing and management software?

- a) iGoogle
- b) Earth
- c) GOOG-411
- d) Picasa

Answer: d

9. Which of the following product allows users to create 3D models and share them with others?

- a) Toolbar
- b) Blogger
- c) SketchUp
- d) All of the mentioned

Answer: c

10. Which of the following gives statistical information on different search terms?

- a) Trends
- b) Stats
- c) Tool
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Google Toolkit”.

1. Which of the following is a search service for online retailers that markets their products in their site searches with a number of navigations?

- a) Google Site Search
- b) Google Commerce Search
- c) Google Search Appliance
- d) Google Mini

Answer: b

2. Point out the correct statement.

- a) Google Bookmarks is a detailed 3D model of the human body
- b) Google Base is an online service that lets you save your favorite sites and attach labels and comments
- c) The Chromium projects include Chromium and Chromium OS
- d) All of the mentioned

Answer: c

3. Which of the following can be deployed within an organization to speed up both local (Intranet) and Internet searching?

- a) Google Site Search
- b) Google Commerce Search
- c) Google Search Appliance
- d) Google Mini

Answer: c

4. Which of the following is the smaller version of the GSA that stores 300,000 indexed documents?

- a) Google Site Search
- b) Google Big Search
- c) Google Search Appliance
- d) Google Mini

Answer: d

5. Point out the wrong statement.

- a) With Google Custom Search Engine and Subscribed Links, you can create a search engine tailored to your needs
- b) Google Currents is a social magazine app by Google

- c) Google Correlate is a social magazine app by Google
- d) None of the mentioned

Answer: c

6. Which of the following is a targeted ad service based on matching advertisers and their keywords to users and their search profiles?

- a) Ads
- b) AdSense
- c) AdWords
- d) All of the mentioned

Answer: c

7. Google _____ is the most widely used Web traffic analysis tool on the Internet.

- a) BigAnalytics
- b) Analytics
- c) Biglytics
- d) All of the mentioned

Answer: b

8. Which of the following system was replaced with Google Translate?

- a) SYSTRANSMIT
- b) SYSTRAN
- c) SYSTRANFER
- d) None of the mentioned

Answer: b

9. Which of the following service that provides offline access to online data?

- a) Gears
- b) Blogger
- c) Offline
- d) All of the mentioned

Answer: a

10. Which of the following is an open-source platform that has been used to create Google Wave and Google AdWords?

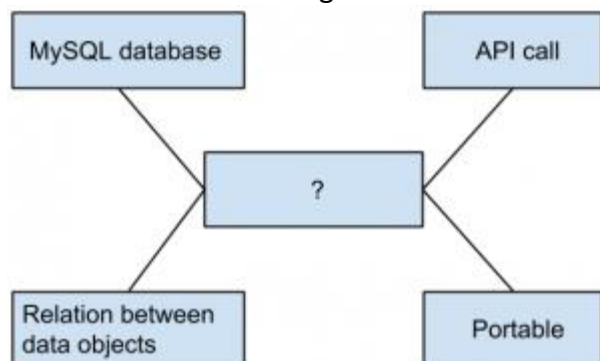
- a) GWT
- b) GET
- c) GTW

d) All of the mentioned

Answer: a

This set of Interview Questions & Answers focuses on “AWS – Amazon Web Services”.

1. Which of the following should be used considering factors shown in the figure?



- a) SimpleDB
- b) RDS
- c) Amazon EC2
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Amazon Machine Instances are sized at various levels and rented on a computing/hour basis
- b) The metrics obtained by CloudWatch may be used to enable a feature called Auto Scaling
- c) A number of tools are used to support EC2 services
- d) None of the mentioned

Answer: d

3. Which of the following is an edge-storage or content-delivery system that caches data in different physical locations?

- a) Amazon Relational Database Service
- b) Amazon SimpleDB
- c) Amazon Cloudfront
- d) Amazon Associates Web Services

Answer: c

System (Amazon S3).

4. Which of the following allows you to create instances of the MySQL database to support your Web sites?

- a) Amazon Elastic Compute Cloud
- b) Amazon Simple Queue Service
- c) Amazon Relational Database Service
- d) Amazon Simple Storage System

Answer: c

5. Point out the correct statement.

- a) Amazon Elastic Cloud is a system for creating virtual disks(volume)
- b) SimpleDB interoperates with both Amazon EC2 and Amazon S3
- c) EC3 is an Analytics as a Service provider
- d) None of the mentioned

Answer: b

6. Which of the following is a structured data store that supports indexing and data queries to both EC2 and S3?

- a) CloudWatch
- b) Amazon SimpleDB
- c) Amazon Cloudfront
- d) All of the mentioned

Answer: b

7. Which of the following is the machinery for interacting with Amazon's vast product data and eCommerce catalog function?

- a) Amazon Elastic Compute Cloud
- b) Amazon Associates Web Services
- c) Alexa Web Information Service
- d) All of the mentioned

Answer: b

8. Which of the following is a billing and account management service?

- a) Amazon Elastic MapReduce
- b) Amazon Mechanical Turk
- c) Amazon DevPay
- d) Multi-Factor Authentication

Answer: c

9. Which of the following is a means for accessing human researchers or consultants to help solve problems on a contractual or temporary basis?

- a) Amazon Elastic MapReduce
- b) Amazon Mechanical Turk
- c) Amazon DevPay
- d) Multi-Factor Authentication

Answer: b

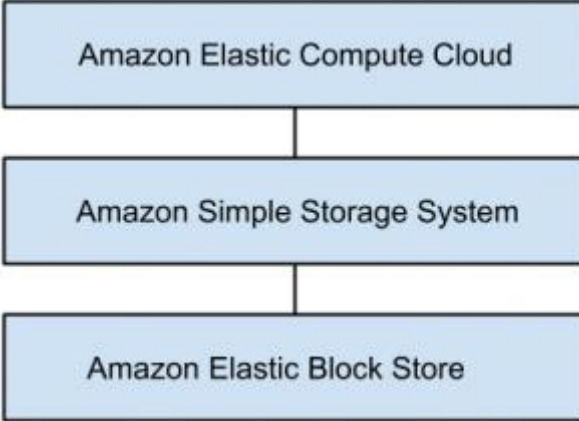
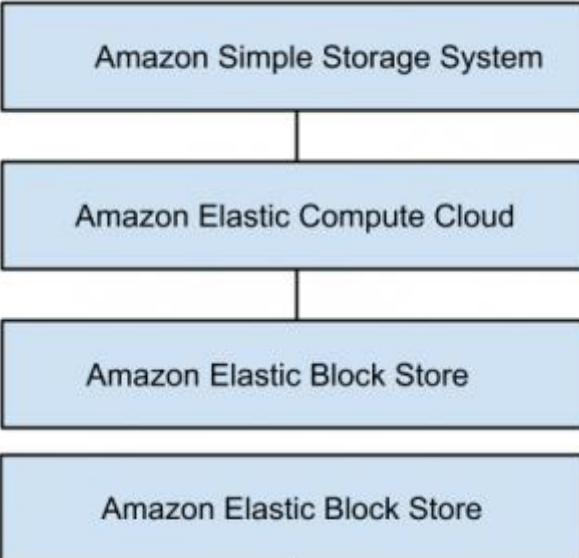
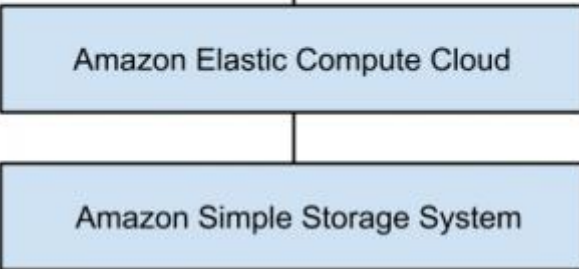
10. Which of the following is built on top of a Hadoop framework using the Elastic Compute Cloud?

- a) Amazon Elastic MapReduce
- b) Amazon Mechanical Turk
- c) Amazon DevPay
- d) Multi-Factor Authentication

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Amazon Web Service Components and Services”.

1. Which of the following correctly describes components roughly in their order of importance from top to down?

- a) 
- b) 
- c) 
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Virtual private servers can provision virtual private clouds connected through virtual private networks

- b) Amazon Web Services is based on SOA standards
- c) Starting in 2012, Amazon.com made its Web service platform available to developers on a usage-basis model
- d) All of the mentioned

Answer: c.

3. Which of the following is the central application in the AWS portfolio?

- a) Amazon Elastic Compute Cloud
- b) Amazon Simple Queue Service
- c) Amazon Simple Notification Service
- d) Amazon Simple Storage System

Answer: a

4. Which of the following is a message queue or transaction system for distributed Internet-based applications?

- a) Amazon Elastic Compute Cloud
- b) Amazon Simple Queue Service
- c) Amazon Simple Notification Service
- d) Amazon Simple Storage System

Answer: b

5. Point out the correct statement.

- a) SQL Server is having enormous impact on cloud computing
- b) Amazon.com's services represent the largest pure Infrastructure as a Service (IAAS)
- c) EC2 is a Platform as a Service (PaaS) market
- d) None of the mentioned

Answer: b

6. Which of the following is a system for creating block level storage devices that can be used for Amazon Machine Instances in EC2?

- a) CloudWatch
- b) Amazon Elastic Block Store
- c) AWS Import/Export
- d) All of the mentioned

Answer: b

7. Which of the following feature is used for scaling of EC2 sites?

- a) Auto Replica
- b) Auto Scaling

- c) Auto Ruling
- d) All of the mentioned

Answer: b

8. Which of the following is a Web service that can publish messages from an application and deliver them to other applications or to subscribers?

- a) Amazon Elastic Compute Cloud
- b) Amazon Simple Queue Service
- c) Amazon Simple Notification Service
- d) Amazon Simple Storage System

Answer: c

9. Which of the following metrics are used to support Elastic Load Balancing?

- a) CloudWatch
- b) Amazon Elastic Block Store
- c) AWS Import/Export
- d) All of the mentioned

Answer: a

10. Which of the following is an online backup and storage system?

- a) Amazon Elastic Compute Cloud
- b) Amazon Simple Queue Service
- c) Amazon Simple Notification Service
- d) Amazon Simple Storage System

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Amazon Machine Images”.

1. Which of the following provides a bridge between a company’s existing network and the AWS cloud?

- a) Amazon Virtual Private Cloud
- b) AWS Premium Support
- c) Amazon Fulfillment Web Services
- d) All of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Between FBA and FWS, you can create a nearly virtual store on Amazon.com
- b) Amazon plans to extend the capabilities of VPC to integrate with other systems in the Amazon cloud computing portfolio
- c) FPS is exposed as an API that sorts transactions into packages called Quick Starts that makes it easy to implement
- d) None of the mentioned

Answer: b

3. Which of the following is Amazon’s technical support and consulting business?

- a) Amazon Virtual Private Cloud
- b) AWS Premium Support
- c) Amazon Fulfillment Web Services
- d) All of the mentioned

Answer: b

4. Which of the following allows merchants to fill orders through Amazon.com fulfillment service?

- a) Amazon Elastic Compute Cloud
- b) Amazon Fulfillment Web Services
- c) Amazon Relational Database Service
- d) Amazon Simple Storage System

Answer: b

5. Point out the correct statement.

- a) With EC2, you can launch and run server instances called Amazon Machine Images (AMIs) running different operating systems such as Red Hat Linux
- b) A machine image is the software and operating system running on top of the instance

- c) A machine image may be thought of as the contents of a boot drive
- d) All of the mentioned

Answer: d

6. Which of the following provides access for developers to charge Amazon's customers for their purchases?

- a) FWS
- b) FAS
- c) FPS
- d) All of the mentioned

Answer: c

7. Which of the following uses an authentication device?

- a) Amazon Elastic MapReduce
- b) Amazon Mechanical Turk
- c) Amazon DevPay
- d) Multi-Factor Authentication

Answer: d

8. _____ is a virtual server platform that allows users to create and run virtual machines on Amazon's server farm.

- a) EC2
- b) Azure
- c) EC5
- d) None of the mentioned

Answer: a

9. AMIs are operating systems running on the _____ virtualization hypervisor.

- a) Yen
- b) Xen
- c) Ben
- d) Multi-Factor Authentication

Answer: b

10. Which of the following instance class is best used for applications that are processor or compute-intensive?

- a) Standard Instances
- b) High Memory Instances
- c) High CPU Instances

d) None of the mentioned

Answer: c

This set of Interview Questions & Answers focuses on “Amazon S3 – Simple Storage Services”.

1. Which of the following is a method for bidding on unused EC2 capacity based on the current spot price?

- a) On-Demand Instance
- b) Reserved Instances
- c) Spot Instance
- d) All of the mentioned

Answer: c

2. Point out the wrong statement.

- a) The standard instances are not suitable for standard server applications
- b) High memory instances are useful for large data throughput applications such as SQL Server databases and data caching and retrieval
- c) FPS is exposed as an API that sorts transactions into packages called Quick Starts that makes it easy to implement
- d) None of the mentioned

Answer: a

3. Which of the following instance has an hourly rate with no long-term commitment?

- a) On-Demand Instance
- b) Reserved Instances
- c) Spot Instance
- d) All of the mentioned

Answer: a

4. Which of the following is a batch processing application?

- a) IBM sMash
- b) IBM WebSphere Application Server
- c) Condor
- d) Windows Media Server

Answer: c

5. Point out the correct statement.

- a) Security can be set through passwords, Kerberos tickets, or certificates
- b) Secure access to your EC2 AMIs is controlled by passwords, Kerberos, and 509 Certificates
- c) Most of the system image templates that Amazon AWS offers are based on Red Hat Linux

d) All of the mentioned

Answer: d

6. How many EC2 service zones or regions exist?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: d

7. Amazon _____ cloud-based storage system allows you to store data objects ranging in size from 1 byte up to 5GB.

- a) S1
- b) S2
- c) S3
- d) S4

Answer: c

8. Which of the following can be done with S3 buckets through the SOAP and REST APIs?

- a) Upload new objects to a bucket and download them
- b) Create, edit, or delete existing buckets
- c) Specify where a bucket should be stored
- d) All of the mentioned

Answer: d

9. Which of the following operation retrieves the newest version of the object?

- a) PUT
- b) GET
- c) POST
- d) COPY

Answer: b

10. Which of the following statement is wrong about Amazon S3?

- a) Amazon S3 is highly reliable
- b) Amazon S3 provides large quantities of reliable storage that is highly protected
- c) Amazon S3 is highly available
- d) None of the mentioned

Answer: c

This set of Interview Questions & Answers focuses on “Amazon EBS – Elastic Block Store”.

1. Which of the following tool is used for measuring I/O of your systems to estimate these transaction costs?

- a) EBS
- b) IOSTAT
- c) ESW
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) The cost of creating an EBS volume is lesser than creating a similarly sized S3 bucket
- b) An EBS volume can be used as an instance boot partition
- c) EBS boot partitions can be stopped and started, and they offer fast AMI boot times
- d) None of the mentioned

Answer: a

3. Which of the following is also referred to edge computing?

- a) CloudWave
- b) CloudFront
- c) CloudSpot
- d) All of the mentioned

Answer: b

4. CloudFront supports _____ data by performing static data transfers and streaming content from one CloudFront location to another.

- a) table caching
- b) geocaching
- c) index caching
- d) windows Media Server

Answer: b

5. Point out the correct statement.

- a) A volume is mounted on a particular instance and is available to all instances
- b) The advantages of an EBS boot partition are that you can have a volume up to 1TB
- c) You cannot mount multiple volumes on a single instance
- d) All of the mentioned

Answer: b

6. Data stored in _____ domains doesn't require maintenance of a schema.

- a) SimpleDB
- b) SQL Server
- c) Oracle
- d) RDS

Answer: a

7. Which of the following is relational database service provided by Amazon?

- a) SimpleDB
- b) SQL Server
- c) Oracle
- d) RDS

Answer: d

8. Which of the following can be considered as a distributed caching system?

- a) CND
- b) CDN
- c) CWD
- d) All of the mentioned

Answer: b

9. Amazon Relational Database Service is a variant of the _____ 5.1 database system.

- a) Oracle
- b) MySQL
- c) SQL Server
- d) All of the mentioned

Answer: b

10. Which of the following database should be used for a solution that has a very high availability?

- a) SimpleDB
- b) RDS
- c) Amazon EC2
- d) None of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Microsoft Cloud Services”.

1. Which of the following service creates an application hosting environment?

- a) EBS
- b) Azure AppFabric
- c) ESW
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Microsoft’s approach is to view cloud applications as software plus service
- b) Microsoft calls their cloud operating system the Windows Platform
- c) Azure is a combination of virtualized infrastructure to which the .NET Framework has been added as a set of .NET Services
- d) None of the mentioned

Answer: d

3. Which of the following is also known as Compute?

- a) set of virtual machine instances
- b) set of replicas
- c) set of commodity servers
- d) all of the mentioned

Answer: a

4. Database marketplace based on SQL Azure Database is code-named _____

- a) Akamai
- b) Dallas
- c) Denali
- d) None of the mentioned

Answer: b

5. Point out the correct statement.

- a) The Windows Azure service itself is a hosted environment of virtual machines enabled by a fabric called Windows Azure ApplicationFab
- b) Windows Azure service is a Compliance as a Service offering
- c) Windows Live Services is a collection of applications and services that run on the Web
- d) All of the mentioned

Answer: c

6. _____ Live Services can be used in applications that run in the Azure cloud.

- a) Microsoft
- b) Windows
- c) Yahoo
- d) Ruby

Answer: b

7. Which of the following is based on Microsoft Dynamics?

- a) Static CRM
- b) Social CRM
- c) Dynamics CRM
- d) None of the mentioned

Answer: c

8. Which of the following is based on Microsoft Sharepoint?

- a) Sharepoint Services
- b) .NET Services
- c) Windows Services
- d) All of the mentioned

Answer: a

9. Azure is Microsoft's _____ as a Service Web hosting service.

- a) Platform
- b) Software
- c) Infrastructure
- d) All of the mentioned

Answer: c

10. Which of the following is a pure infrastructure play?

- a) Azure
- b) Google App Engine
- c) AWS
- d) None of the mentioned

Answer: c

This set of Interview Questions & Answers focuses on “Windows Azure Platform”.

1. Which of the following standard does Azure use?

- a) REST
- b) XML
- c) HTML
- d) All of the mentioned

Answer: d

2. Point out the wrong statement.

- a) An Amazon Machine Image can be provisioned with an operating system, an enterprise application, or application stack
- b) AWS is a deployment enabler
- c) Google Apps lets you create a scalable cloud-based application
- d) None of the mentioned

Answer: d

3. What does IPsec in the Azure platform refer to?

- a) Internet Protocol Security protocol suite
- b) Internet Standard
- c) Commodity servers
- d) All of the mentioned

Answer: a

4. Which of the following web applications can be deployed with Azure?

- a) ASP.NET
- b) PHP
- c) WCF
- d) All of the mentioned

Answer: d

5. Point out the correct statement.

- a) The Windows Azure service it The Windows Azure Platform allows a developer to modify his application so it can run in the cloud on virtual machines hosted in Microsoft datacenters
- b) Windows Azure serves as a cloud operating system
- c) With Azure’s architecture, an application can run locally, run in the cloud, or some combination of both
- d) All of the mentioned

Answer: d.

6. A _____ role is a virtual machine instance running the Microsoft IIS Web server that can accept and respond to HTTP or HTTPS requests.

- a) Web
- b) Server
- c) Worker
- d) Client

Answer: a

7. Which of the following element allows you to create and manage virtual machines that serve either in a Web role and a Worker role?

- a) Compute
- b) Application
- c) Storage
- d) None of the mentioned

Answer: a

8. Which of the following element is a non-relational storage system for large-scale storage?

- a) Compute
- b) Application
- c) Storage
- d) None of the mentioned

Answer: c

9. Azure Storage plays the same role in Azure that _____ plays in Amazon Web Services.

- a) S3
- b) EC2
- c) EC3
- d) All of the mentioned

Answer: a

10. Which of the following element in Azure stands for management service?

- a) config
- b) application
- c) virtual machines
- d) none of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Windows Azure AppFabric”.

1. Which of the following is a version of Hyper-V that runs on Windows Server 2008?

- a) Fabric
- b) Application
- c) Virtual Machines
- d) All of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Stored data can be read using GETs
- b) Stored data can be written with RETRIEVE
- c) Stored data can be modified with POSTs
- d) None of the mentioned

Answer: b

3. A particular set of endpoints and its associated Access Control rules for an application is referred to as the _____

- a) service namespace
- b) service rules
- c) service agents
- d) all of the mentioned

Answer: a

4. Which of the following was formerly called Microsoft .NET Services?

- a) AppFabric
- b) PHP
- c) WCF
- d) All of the mentioned

Answer: a

5. Point out the correct statement.

- a) Azure AppFabric is a Service Bus and Access Control facility
- b) Azure AppFabric supports the standard Service Oriented Architecture (SOA) protocols such as REST and SOAP and the WS-protocols
- c) The function of a service bus in an SOA is to expose distributed services as an endpoint with a specific URI

d) All of the mentioned

Answer: d

6. The _____ portion of Azure AppFabric is a claims access control system that provides a token-based trust mechanism for identity management.

- a) Web Control
- b) Server Control
- c) Access Control
- d) All of the mentioned

Answer: c

7. Which of the following is used to negotiate the exchange of information between a client and the service?

- a) Compute Bus
- b) Application Bus
- c) Storage Bus
- d) Service Bus

Answer: d

8. Which of the following can be used to create distributed systems based on SOA?

- a) Passive Directory Federation Services
- b) Application Directory Federation Services
- c) Active Directory Federation Services
- d) None of the mentioned

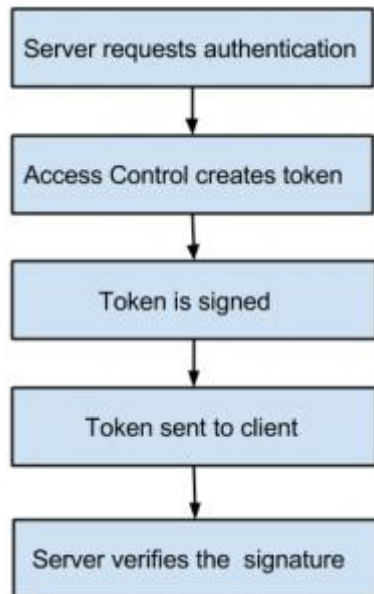
Answer: c

9. Windows Server AppFabric enables Web data caching for application data and provides managed services using _____ Foundation and Windows Communication.

- a) Windowsflow
- b) WindowsWorkflow
- c) WindowsWorkflowApp
- d) All of the mentioned

Answer: b

10. Which of the following access control step shown in the following figure is incorrect?



- a) Step 1
- b) Step 2
- c) Step 3
- d) None of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Azure Content Delivery Network”.

1. Which of the following are a worldwide content caching and delivery system for Windows Azure blob content?

- a) CDN
- b) CND
- c) DNC
- d) All of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Any storage account can be enabled for CDN
- b) The CDN service searches that location and serves the content
- c) Stored data can be removed with DELETE request
- d) None of the mentioned

Answer: d

3. SQL Azure is a cloud-based relational database service that is based on _____

- a) Oracle
- b) SQL Server
- c) MySQL
- d) All of the mentioned

Answer: b

4. Which of the following was formerly called SQL Server Data Service?

- a) AppFabric
- b) SQL Azure
- c) WCF
- d) All of the mentioned

Answer: b

5. Point out the correct statement.

- a) Data stored in an SQL Azure database is accessed using the Columnar Data Stream (CDS) protocol
- b) There is a current limit of 1TB for each SQL Azure Database
- c) Queries against multiple databases are unified
- d) All of the mentioned

Answer: b

6. Azure data is replicated _____ times for data protection and writes are checked for consistency.

- a) one
- b) two
- c) three
- d) all of the mentioned

Answer: c

7. SQL Azure Database looks like and behaves like a local database with a few exceptions like _____

- a) CLR
- b) CDN
- c) WCF
- d) All of the mentioned

Answer: a

8. Which of the following Azure edition has storage up to 10GB database?

- a) Web
- b) Business
- c) Standard
- d) None of the mentioned

Answer: b

9. Microsoft offers a _____ calculator for the Windows Azure Platform.

- a) TCO
- b) TOC
- c) OCT
- d) All of the mentioned

Answer: a

10. The connection between storage and Microsoft's Content Delivery Network is stated to be at least _____ percent uptime.

- a) 90
- b) 95
- c) 99.9
- d) None of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Windows Live Service – 1”.

1. Which of the following has core services shown in the following figure?

- a) Google Live
- b) Windows Live
- c) Amazon Live
- d) None of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Windows Live is a collection of cloud-based applications and services
- b) Every Windows Live applications run as standalone applications and are available to users directly through a browser
- c) Microsoft has rolled out Windows Live in sets of releases they describe as four waves
- d) None of the mentioned

Answer: b

3. Which of the following is a management utility for a domain using SOAP and RPC?

- a) Alerts
- b) Contact
- c) Admin centre
- d) All of the mentioned

Answer: c

4. Which of the following was formerly called Windows Live Dev?

- a) Live Services
- b) Windows Live Messenger Connect
- c) Windows Control Foundation
- d) All of the mentioned

Answer: b

5. Point out the correct statement.

- a) Messenger Connect was released as part of the Windows Live Wave 2
- b) There is a current limit of 1 GB for each SQL Azure Database
- c) Queries against a single database are unified
- d) All of the mentioned

Answer: c

6. Which of the following way can be used to access Windows Live?

- a) By navigating to the service from the command on the navigation bar at the top of Windows Live
- b) By directly entering the URL of the service
- c) By selecting the application from the Windows Live Essentials folder on the Start menu
- d) All of the mentioned

Answer: d

7. _____ is Management service for Windows Live ID and relationships.

- a) Windows Live Account
- b) Windows Live Admin Center
- c) Windows Live Management
- d) All of the mentioned

Answer: a

8. Which of the following synchronizes information obtained from RSS and ATOM sources?

- a) FeedSync
- b) Live Framework
- c) Alerts
- d) None of the mentioned

Answer: a

9. Which of the following service use XML-RPC calls to get and send Weblog data?

- a) Spaces
- b) Windows Live ID
- c) Photo Gallery
- d) All of the mentioned

Answer: a

10. Which of the following service allows applications to incorporate the features of the Windows Live Writer?

- a) Spaces
- b) Windows Live ID
- c) Writer
- d) All of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Windows Live Service – 2”.

1. Which of the following generates alerts sent to email, mobile device, or Windows Messenger?

- a) Windows Live Calendar
- b) Windows Live Alerts
- c) Windows Live Admin Center
- d) None of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Windows Live is a collection of cloud-based applications and services
- b) Windows Live Essentials applications are a collection of server-side applications
- c) Windows Live Essentials is available from the Start menu as a set of commands
- d) None of the mentioned

Answer: b

3. Which of the following is used for synchronization and remote access service for files stored on PCs and mobile devices?

- a) Windows Live Family Safety
- b) Windows Live Devices
- c) Windows Live Essentials
- d) All of the mentioned

Answer: b

4. Which of the following has address book service with a synchronization feature?

- a) Windows Live Calendar
- b) Windows Live Alerts
- c) Windows Live Contacts
- d) None of the mentioned

Answer: c

5. Point out the correct statement.

- a) Windows Live Suite is the central access page or portal for the Windows Live suite
- b) Windows Live House is the central access page or portal for the Windows Live suite
- c) Microsoft has a number of Windows Live services that are specifically meant to be run on mobile devices

d) All of the mentioned

Answer: c

6. Which of the following adds an RSS feed to digital photo frame devices?

- a) Windows Live Framelt
- b) Windows Live Gallery
- c) Windows Live Groups
- d) Windows Live Hotmail

Answer: a

7. _____ is a personalization Web page and tool for Windows Live with status information and navigation features.

- a) Windows Live Home
- b) Windows Live Gallery
- c) Windows Live Groups
- d) Windows Live Hotmail

Answer: a

8. Which of the following is Web-based free email service with contacts and calendar?

- a) Windows Live Home
- b) Windows Live ID
- c) Windows Live Groups
- d) Windows Live Hotmail

Answer: d

9. Which of the following service allows you to create beautiful, memorable movies?

- a) Windows Live OneCare Safety Scanner
- b) Windows Live ID
- c) Windows Live Movie Maker
- d) Windows Live Photos

Answer: c

10. Which of the following are photo storage and sharing service?

- a) Windows Live OneCare Safety Scanner
- b) Windows Live ID
- c) Windows Live Movie Maker
- d) Windows Live Photos

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Administering the Clouds”.

1. Which does C in FCAPS stand for?

- a) Consistency
- b) Contact
- c) Configuration
- d) None of the mentioned

Answer: c

2. Point out the wrong statement.

- a) Cloud computing deployments must be monitored and managed in order to be optimized for best performance
- b) To the problems associated with analyzing distributed network applications, the cloud adds the complexity of virtual infrastructure
- c) Cloud management software provides capabilities for managing faults
- d) None of the mentioned

Answer: d

3. Which of the following aims to deploy methods for measuring various aspects of cloud performance in a standard way?

- a) RIM
- b) SIM
- c) SMI
- d) All of the mentioned

Answer: c

4. Which of the following is not the feature of Network management systems?

- a) Accounting
- b) Security
- c) Performance
- d) None of the mentioned

Answer: d

5. Point out the correct statement.

- a) Cloud management includes not only managing resources in the cloud but managing resources on-premises
- b) The management of resources in the cloud requires new technology
- c) Management of resources on-premises allows vendors to use well-established network

management technologies

d) All of the mentioned

Answer: d

6. Which of the following package provides all five elements of FCAPS?

a) Framelt

b) RackStar

c) Unicenter

d) None of the mentioned

Answer: d

7. _____ is a framework tool for managing cloud infrastructure.

a) IBM Tivoli Service Automation Manager

b) Microsoft Tivoli Service Automation Manager

c) Google Service Automation Manager

d) Windows Live Hotmail

Answer: a

8. Which of the following “cloudly” characteristics that cloud management service must have?

a) Billing is on a pay-as-you-go basis

b) The management service is extremely scalable

c) The management service is ubiquitous

d) All of the mentioned

Answer: d

9. How many categories need to be monitored for entire cloud computing?

a) 1

b) 2

c) 4

d) None of the mentioned

Answer: d

10. Which of the following is a standard protocol for network monitoring and discovery?

a) SNMP

b) CMDB

c) WMI

d) All of the mentioned

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Management Products”.

1. When you deploy an application on Google’s PaaS App Engine cloud service, the Administration Console provides you with the which of the following monitoring capabilities?

- a) View data and error logs
- b) Analyze your network traffic
- c) View the application’s scheduled tasks
- d) All of the mentioned

Answer: d

2. Point out the wrong statement.

- a) In the cloud, the particular service model you are using directly affects the type of monitoring you are responsible for
- b) In AaaS, you can alter aspects of your deployment
- c) You can monitor your usage of resources through Amazon CloudWatch
- d) None of the mentioned

Answer: b

3. Which of the following provides tools for managing Windows servers and desktops?

- a) Microsoft System Center
- b) System Service
- c) System Cloud
- d) All of the mentioned

Answer: a

4. Which of the following is not a phase of cloud lifecycle management?

- a) The definition of the service as a template for creating instances
- b) Client interactions with the service
- c) Management of the operation of instances and routine maintenance
- d) None of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Google App Engine lets you deploy the application and monitor it
- b) From the standpoint of the client, a cloud service provider is different than any other networked service
- c) The full range of network management capabilities may be brought to bear to solve

mobile, desktop, and local server issues

d) All of the mentioned

Answer: b

6. Which of the following is the Virtual machine conversion cloud?

a) BMC Cloud Computing Initiative

b) Amazon CloudWatch

c) AbiCloud

d) None of the mentioned

Answer: c

7. _____ is Microsoft's cloud-based management service for Windows systems.

a) Intune

b) Utunes

c) Outtunes

d) Windows Live Hotmail

Answer: a

8. Which of the following is a virtualization provisioning system that will be rolled into Dell's AIM?

a) Dell Scalent

b) CloudKick

c) Elastra

d) All of the mentioned

Answer: a

9. Which of the following is used for Web site monitoring and analytics?

a) Gomez

b) Ganglia

c) Elastra

d) None of the mentioned

Answer: a

10. Which of the following is used for performance management for virtualized Java Apps with VMware integration?

a) Hyperic

b) Internetseer

c) RightScale

d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Commons and SMI”.

1. Which of the following is a core management feature offered by most cloud management service products?

- a) Support of different cloud types
- b) Creation and provisioning of different types of cloud resources, such as machine instances, storage, or staged applications
- c) Performance reporting including availability and uptime, response time, resource quota usage, and other characteristics
- d) All of the mentioned

Answer: d

2. Point out the correct statement.

- a) Eucalyptus and Rackspace both use Amazon EC2 and S3 services
- b) The RightScale user interface provides real-time measurements of individual server instances
- c) RightScale server templates and the Rightscript technology are highly configurable and can be run under batch control
- d) All of the mentioned

Answer: d

3. Which of the following is an industry organization that develops industry system management standards for platform interoperability?

- a) DMTF
- b) DMS
- c) EBS
- d) All of the mentioned

Answer: a

4. Which of the following is used to extend CIM to virtual computer system management?

- a) OVF
- b) VMAN
- c) OCSI
- d) None of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Cloudkick’s Insight module is powerful and particularly easy to use

- b) Both Cloudkick and RightScale are known to be easy to use with Window virtual servers and less so with Linux instances
 c) All of the service models support monitoring solutions
 d) All of the mentioned

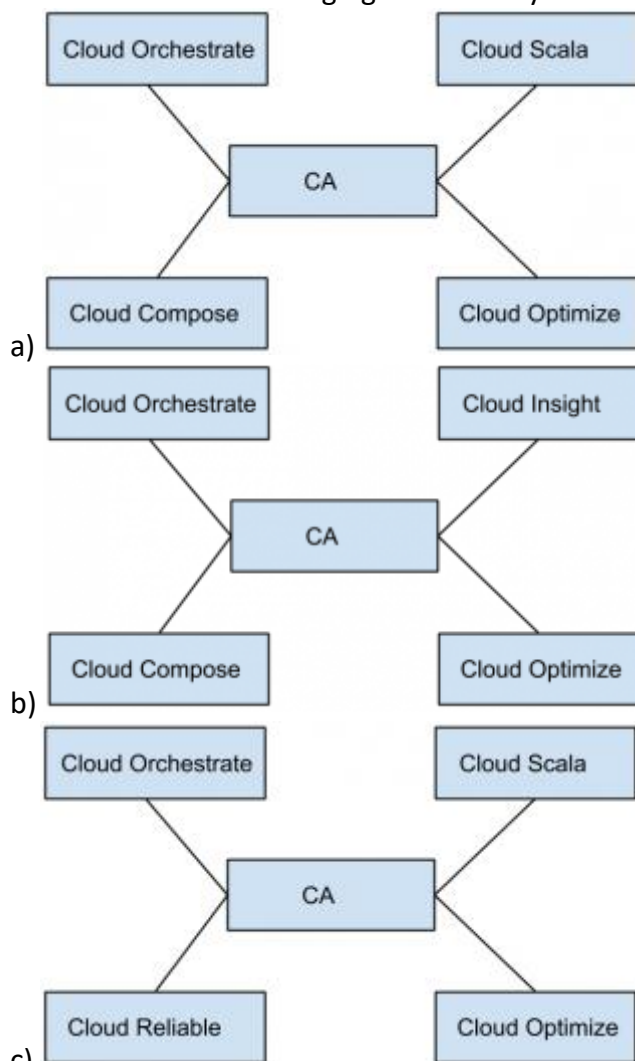
Answer: b

6. Which of the following initiative tries to provide a way of measuring cloud computing services along dimension like cost?

- a) CCE
 b) OCCI
 c) SMI
 d) All of the mentioned

Answer: c

7. Which of the following figure correctly describes products by CA technologies?



- d) None of the mentioned

Answer: b

8. Which of the following is open and both hypervisor and processor-architecture-agnostic?

- a) Dell Scalent
- b) CloudKick
- c) Elastra
- d) All of the mentioned

Answer: a

9. Which of the following is a workflow control and policy based automation service by CA?

- a) CA Cloud Optimize
- b) CA Cloud Orchestrate
- c) CA Cloud Insight
- d) CA Cloud Compose

Answer: b

10. Which of the following monitors the performance of the major cloud-based services in real time in Cloud Commons?

- a) CloudWatch
- b) CloudSensor
- c) CloudMetrics
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Security”.

1. Which of the following service provider provides the least amount of built in security?

- a) SaaS
- b) PaaS
- c) IaaS
- d) All of the mentioned

Answer: c

2. Point out the correct statement.

- a) Different types of cloud computing service models provide different levels of security services
- b) Adapting your on-premises systems to a cloud model requires that you determine what security mechanisms are required and mapping those to controls that exist in your chosen cloud service provider
- c) Data should be transferred and stored in an encrypted format for security purpose
- d) All of the mentioned

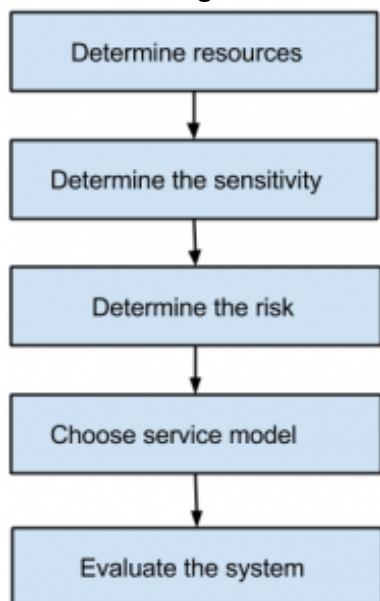
Answer: d

3. Which of the following services that need to be negotiated in Service Level Agreements?

- a) Logging
- b) Auditing
- c) Regulatory compliance
- d) All of the mentioned

Answer: d

4. The following flowchart is intended to evaluate _____ in any cloud.



- a) risk
- b) errors
- c) inconsistencies
- d) none of the mentioned

Answer: a

5. Point out the wrong statement.

- a) You can use proxy and brokerage services to separate clients from direct access to shared cloud storage
- b) Any distributed application has a much greater attack surface than an application that is closely held on a Local Area Network
- c) Cloud computing doesn't have vulnerabilities associated with Internet applications
- d) All of the mentioned

Answer: c

6. Which of the following area of cloud computing is uniquely troublesome?

- a) Auditing
- b) Data integrity
- c) e-Discovery for legal compliance
- d) All of the mentioned

Answer: d

7. Which of the following is the operational domain of CSA?

- a) Scalability

- b) Portability and interoperability
- c) Flexibility
- d) None of the mentioned

Answer: b

8. Which of the following is considered an essential element in cloud computing by CSA?

- a) Multi-tenancy
- b) Identity and access management
- c) Virtualization
- d) All of the mentioned

Answer: a

9. Which of the following is used for Web performance management and load testing?

- a) VMware Hyperic
- b) Webmetrics
- c) Univa UD
- d) Tapinsystems

Answer: b

10. Which of the following is application and infrastructure management software for hybrid multi-clouds?

- a) VMware Hyperic
- b) Webmetrics
- c) Univa UD
- d) Tapinsystems

Answer: c

This set of Cloud Computing online test focuses on “Security Service Boundary”.

1. Which of the following service provider provides the highest level of service?

- a) SaaS
- b) PaaS
- c) IaaS
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) PaaS supplies the infrastructure
- b) IaaS adds application development frameworks, transactions, and control structures
- c) SaaS is an operating environment with applications, management, and the user interface
- d) All of the mentioned

Answer: c

3. Which of the following functional cloud computing hardware/software stack is the Cloud Reference Model?

- a) CAS
- b) CSA
- c) SAC
- d) All of the mentioned

Answer: b

4. For the _____ model, the security boundary may be defined for the vendor to include the software framework and middleware layer.

- a) SaaS
- b) PaaS
- c) IaaS
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Each different type of cloud service delivery model creates a security boundary
- b) Any security mechanism below the security boundary must be built into the system
- c) Any security mechanism above the security boundary must be maintained by the customer
- d) All of the mentioned

Answer: d

6. Which of the following model allows vendor to provide security as part of the Service Level Agreement?

- a) SaaS
- b) PaaS
- c) IaaS
- d) All of the mentioned

Answer: a

7. Which of the following cloud does not require mapping?

- a) Public
- b) Private
- c) Hybrid
- d) None of the mentioned

Answer: a

8. Which of the following service model is owned in terms of infrastructure by both vendor and customer?

- a) Public
- b) Private
- c) Hybrid
- d) None of the mentioned

Answer: c

9. Which of the following model type is not trusted in terms of security?

- a) Public
- b) Private
- c) Hybrid
- d) None of the mentioned

Answer: a

10. Which of the following has infrastructure security managed and owned by the vendor?

- a) Hybrid
- b) Private/Community
- c) Public
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Security Data”.

1. Which of the following is a compliance standard?

- a) PCI-DSS
- b) HIPPA
- c) GLBA
- d) All of the mentioned

Answer: d

2. Point out the correct statement.

- a) The cloud service model you choose does not determine the variety of security features, compliance auditing, and other requirements
- b) To determine the particular security mechanisms you need, you must perform a mapping of the particular cloud service model to the particular application you are deploying
- c) A security control model includes the security that you normally use for your applications only
- d) All of the mentioned

Answer: b

3. Which of the following is a key mechanism for protecting data?

- a) Access control
- b) Auditing
- c) Authentication
- d) All of the mentioned

Answer: d

4. How many security accounts per client is provided by Microsoft?

- a) 1
- b) 3
- c) 5
- d) 7

Answer: c

5. Point out the wrong statement.

- a) Securing data sent to, received from, and stored in the cloud is the single largest security concern
- b) The problem with the data you store in the cloud is that it can be located anywhere in the cloud service provider’s system

- c) One and only approach to isolating storage in the cloud from direct client access is to create layered access to the data
- d) All of the mentioned

Answer: c

6. Which of the following are a common means for losing encrypted data?
- a) lose the keys
 - b) lose the encryption standard
 - c) lose the account
 - d) all of the mentioned

Answer: a

7. Which of the following is the standard for interoperable cloud-based key management?
- a) KMIP
 - b) PMIK
 - c) AIMK
 - d) None of the mentioned

Answer: a

8. Which of the following was one of the weaker aspects of early cloud computing service offerings?
- a) Logging
 - b) Integrity checking
 - c) Consistency checking
 - d) None of the mentioned

Answer: a

9. Which of the following is one of the most actively developing and important areas of cloud computing technology?
- a) Logging
 - b) Auditing
 - c) Regulatory compliance
 - d) None of the mentioned

Answer: c

10. Amazon Web Services supports _____ Type II Audits.
- a) SAS70
 - b) SAS20
 - c) SAS702

d) None of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Identity Protocol Standards”.

1. Which of the following is done by Identity management?

- a) controlling access to data in the cloud
- b) maintaining user roles
- c) preventing unauthorized uses
- d) all of the mentioned

Answer: d

2. Point out the correct statement.

- a) Identities are not tied to the concept of accounts and can be used for contacts or “ID cards”
- b) Identities are important from a reliability standpoint
- c) Presence is important in cloud computing because it adds context that can modify services and service delivery
- d) All of the mentioned

Answer: c

3. Which of the following is required by Cloud Computing?

- a) That you establish an identity
- b) That the identity be authenticated
- c) That the authentication be portable
- d) All of the mentioned

Answer: d

4. Which of the following standard is the key to creating Single Sign-On (SSO) systems?

- a) OpenID 2.0
- b) CHAP
- c) SMAL
- d) None of the mentioned

Answer: a

5. Point out the wrong statement.

- a) OpenID 2.0 is the standard associated with creating an identity
- b) OpenID doesn't specify the means for authentication of identity
- c) OpenID provides access to important Web sites
- d) None of the mentioned

Answer: d

6. Which of the following is a complementary mechanism to OpenID and is used to create SSO systems?

- a) OpenSSL
- b) CHAP
- c) SAML
- d) None of the mentioned

Answer: c

7. Which of the following entity queries the OpenID identity provider to authenticate the veracity of the OpenID credentials?

- a) serving party
- b) relieving party
- c) relaying party
- d) none of the mentioned

Answer: c

8. Which of the following provides a token service that can be used to present validated access to resources?

- a) OAuth
- b) OCheck
- c) SAML
- d) None of the mentioned

Answer: a

9. Which of the following foundation offers .NET developers Visual Studio integration of WS-Federation and WS-Trust open standards?

- a) Windows Workflow
- b) Windows Identity
- c) Windows compliance
- d) None of the mentioned

Answer: b

10. _____ allows users to authenticate their access to applications both locally and in the cloud with a claims-based identity.

- a) AD FS
- b) AC
- c) SAS

d) None of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Service Oriented Architecture”.

1. Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to clients upon demand?

- a) SOA
- b) EBS
- c) GEC
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Service Oriented Architecture (SOA) describes a standard method for requesting services from distributed components and managing the results
- b) SOA provides the translation and management layer in an architecture that removes the barrier for a client obtaining desired services
- c) With SOA, clients and components can be written in different languages and can use multiple messaging protocols
- d) All of the mentioned

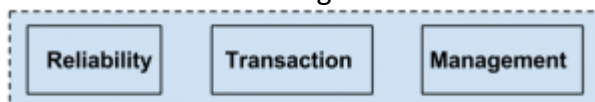
Answer: d

3. Which of the following is a repeatable task within a business process?

- a) service
- b) bus
- c) methods
- d) all of the mentioned

Answer: a

4. Which of the following module of SOA is shown in the following figure?



- a) Description
- b) Messaging
- c) Business Process
- d) QOS

Answer: d

5. Point out the wrong statement.

- a) SOA provides the standards that transport the messages and makes the infrastructure to support it possible
- b) SOA provides access to reusable Web services over an SMTP network
- c) SOA offers access to ready-made, modular, highly optimized, and widely shareable components that can minimize developer and infrastructure costs
- d) None of the mentioned

Answer: b

6. Which of the following is used to define the service component that performs the service?

- a) WSDL
- b) SCDL
- c) XML
- d) None of the mentioned

Answer: b

7. Which of the following is commonly used to describe the service interface, how to bind information, and the nature of the component's service or endpoint?

- a) WSDL
- b) SCDL
- c) XML
- d) None of the mentioned

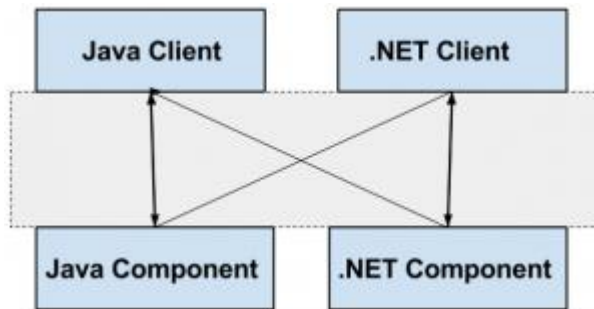
Answer: a

8. Which of the following provides commands for defining logic using conditional statements?

- a) XML
- b) WS-BPEL
- c) JSON
- d) None of the mentioned

Answer: b

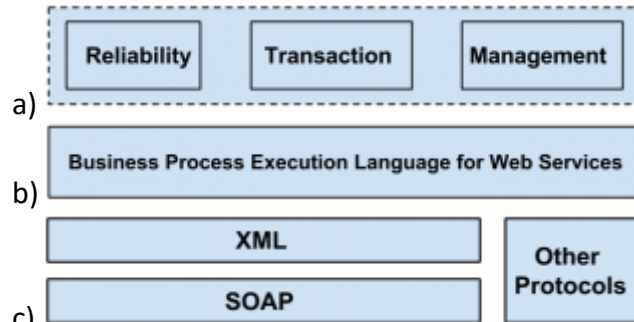
9. Which of the following is used as middleware layer in the following figure?



- a) XML
- b) ESB
- c) UDDI
- d) None of the mentioned

Answer: b

10. Which of the following figure is associated with Description Module in SOA stack?

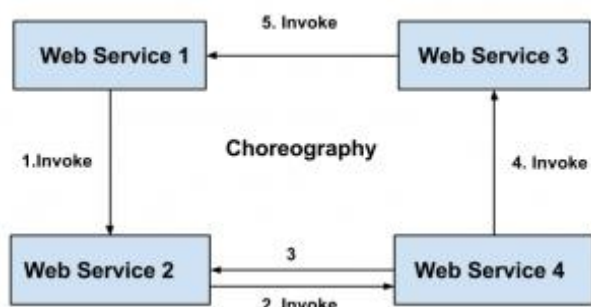


- a)
- b)
- c)
- d) None of the mentioned

Answer: d

This set of Cloud Computing online quiz focuses on “Event-Driven SOA or SOA 2.0”.

1. What should be the message given by Web Service 3 to Web Service 2 in the following figure for execution in cooperative way?



- a) Reply
- b) Invoke
- c) Reject
- d) None of the mentioned

Answer: a

2. Point out the correct statement.

- a) Some mature SOA implementations favor orchestration over choreography
- b) Most mature SOA implementations favor choreography over orchestration
- c) With orchestration, multiple service manages the various processes
- d) None of the mentioned

Answer: d

3. Which of the following element is used by orchestrated business process commonly referred to as?

- a) conductor
- b) coordinator
- c) orchestrator
- d) all of the mentioned

Answer: c

4. SOA _____ an extension of the Service Oriented Architecture to respond to events that occur as a result of business processes.

- a) 2.0
- b) 3.0
- c) 4.0
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Event handling is part of event-driven SOA or SOA 2.0
- b) An ESB provides a lower layer for event management with a messaging infrastructure
- c) UML is the modeling language of the Object Management Group that provides a method for creating visual models for software
- d) None of the mentioned

Answer: b

6. Which of the following application has the ability to query event data in the same way that a stock ticker or trading application can query trading data?

- a) CVE
- b) CEV
- c) XML
- d) None of the mentioned

Answer: a

7. What does CVE in SOA design stand for?

- a) Causal Vector Engine
- b) Continuous Vector Engine
- c) Causal Valuable Engine
- d) None of the mentioned

Answer: a

8. Which of the following is a collaborative effort where the logic of the business process is pushed out to the members?

- a) Orchestration
- b) Choreography
- c) SOA 2.0
- d) None of the mentioned

Answer: b

9. In the _____ model, data and messages are exchanged in a Service Data Object (SDO).

- a) CSA
- b) SCA
- c) UDDI
- d) None of the mentioned

Answer: b

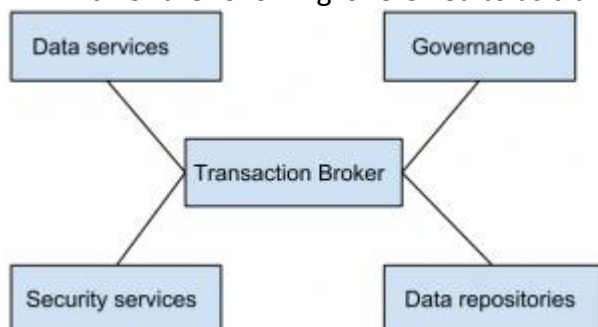
10. How many types of methods are used to combine web services?

- a) 1
- b) 2
- c) 3
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “The Enterprise Service Bus”.

1. Which of the following is referred to as transaction broker in the following figure?



- a) Enterprise Server Bus
- b) Enterprise Service Bus
- c) Enterprise Client Bus
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) An ESB is not a physical bus in the sense of a network
- b) ESB is an architectural pattern comprised of a set of network services that manage transactions in a Service Oriented Architecture
- c) ESB is a set of service that separate clients from components on a transactional basis
- d) All of the mentioned

Answer: d

3. Which of the following function is performed by the service bus?

- a) auditing
- b) routing
- c) message translation
- d) all of the mentioned

Answer: d

4. Which of the following is an ESB based on open standards such as Java EE?

- a) InfoSphere ESB 7.0
- b) WebSphere ESB 7.0
- c) CloudSphere ESB 7.0
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) An ESB is both necessary and essential to a Service Oriented Architecture
- b) Typical business processes can span a vast number of messages and events
- c) An ESB plays the role of a transaction broker in SOA
- d) None of the mentioned

Answer: a

6. Which of the following manage message transactions?

- a) Data abstraction services
- b) Process management services
- c) Data repositories
- d) Governance

Answer: b

7. Which of the following statement is incorrect related to a repository and a registry in ESB?

- a) Repositories and registries are both data stores
- b) Repository stores references to the components of the SOA
- c) A registry serves the role that a name server does in a network operating system infrastructure
- d) None of the mentioned

Answer: c

8. Which of the following stores business logic and aid in governance of business processes?

- a) Data abstraction services
- b) Process management services
- c) Data repositories
- d) Governance

Answer: c

9. Which of the following service monitors compliance of your operations with governmental regulation?

- a) Governance
- b) Security services
- c) Data services
- d) None of the mentioned

Answer: a

10. Following figure shows a network services model infrastructure for an SOA, which is based on the SOA meta-model of the _____ Group.



- a) Networking Bible
- b) Lincent
- c) Linthicum
- d) None of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “SOA Communications”.

1. Which of the following is used to aid for locating services in SOA?

- a) catalog service
- b) data abstraction services
- c) data bus
- d) all of the mentioned

Answer: a

2. Point out the correct statement.

- a) An intranet is a network that is constructed through the consolidation of separate networks
- b) The Information Technology Infrastructure Library (ITIL) is developed by the United Kingdom's Office of Government Commerce (OGC)
- c) Message passing in SOA requires the use of four different protocol types
- d) All of the mentioned

Answer: b

3. Which of the following catalog service requires some sort of synchronization or update to maintain a unified data store across the servers involved?

- a) global
- b) standalone
- c) federated
- d) all of the mentioned

Answer: a

4. How many different protocol types are required for message passing in SOA?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: b

5. Point out the wrong statement.

- a) An ESB is both necessary and essential to a Service Oriented Architecture
- b) A client connected to an ESB communicates over a network protocol such as HTTP, Representational State Transfer (REST), or Java Message Service (JMS) to a component (or service)

- c) Messages are most often in the form of the SMIL
- d) None of the mentioned

Answer: c

6. Which of the following combination is possible in WebSphere ESB?

- a) XML/JMS
- b) SOAP/JMS
- c) SOAP/HTTP
- d) Governance

Answer: b

7. Which of the following statement is incorrect related to catalog servers?

- a) They can be standalone catalog servers serving a single site
- b) They cannot serve the role of a global catalog service where two or more catalog servers are merged to include several sites
- c) They can be part of a federated catalog service
- d) None of the mentioned

Answer: b

8. Which of the following version of WSDL is a W3C standard?

- a) 1.1
- b) 2.3
- c) 3.1
- d) Governance

Answer: a

9. Which of the following essential object in WSDL is used to support message transfer?

- a) bus
- b) binding
- c) type
- d) none of the mentioned

Answer: b

10. Which of the following object is used to describe the data, usually as part of the XML schema?

- a) operation
- b) prototype
- c) types

d) none of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Business Process Modeling – 1”.

1. Which of the following architecture is shown in the following figure?

Service Oriented Modelling practice
Modelling Environments
Modelling Solutions
Best Practices

- a) SOMF 2.0
- b) SOMF 4.0
- c) SOMF 3.5
- d) None of the mentioned

Answer: a

2. Point out the correct statement.

- a) The service object is a container where the service resides
- b) The port or endpoint is the unique address of the service
- c) The message content is the data and metadata that the service operation is performed on
- d) All of the mentioned

Answer: d

3. Which of the following is the language standard for Web service interactions?

- a) WS-BPEL
- b) WS-XML
- c) WS-JSON
- d) All of the mentioned

Answer: a

4. Which of the following messaging protocol is used with XML in BPEL?

- a) WS-Coordination
- b) WS-Addressing
- c) WS-Transactions
- d) All of the mentioned

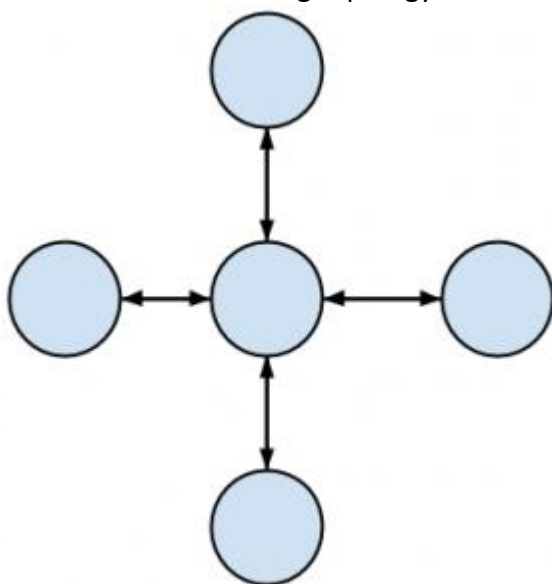
Answer: d

5. Point out the wrong statement.

- a) XML schema cannot be separate files
- b) A WSDL file contains essential message data for a transaction
- c) A service contract codifies the relationship between the data to be processed and also the metadata that accompanies that data
- d) None of the mentioned

Answer: a

6. Which of the following topology is shown in the following figure?



- a) Circular
- b) Star
- c) Hierarchical
- d) All of the mentioned

Answer: b

7. Which of the following statement is incorrect related to BPEL?

- a) Data functions in BPEL support process data and control flow
- b) BPEL includes techniques for error handling and scopes transactions
- c) BPEL uses Web services for standards and to assemble and decompose processes
- d) None of the mentioned

Answer: d

8. _____ is a methodology for representing business processes as a set of connected visual objects.

- a) BPMN

- b) BPMN
- c) BPMM
- d) BPNN

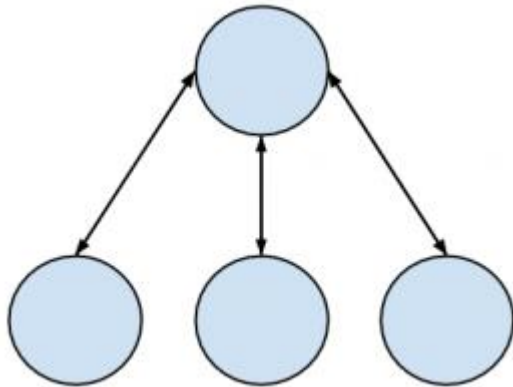
Answer: b

9. Which of the following system models creates a graphical representation of software systems in the form of a set of diagram types?

- a) SysML
- b) UML
- c) XMI
- d) None of the mentioned

Answer: b

10. Which of the following topology is shown in the following figure?



- a) Circular
- b) Star
- c) Hierarchical
- d) Network

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Business Process Modeling – 2”.

1. Which of the following is an open-source extension of the part of the UML system dealing with profiles?

- a) UML
- b) XMI
- c) SysML
- d) None of the mentioned

Answer: c

2. Point out the correct statement.

- a) The UML standard is the work of the Object Management Group
- b) SysML creates graphical representations of software systems in the form of a set of diagram types
- c) UML diagrams are separated into four structural types and seven behavior types
- d) All of the mentioned

Answer: a

3. Which of the following combines a modeling language with a graphical display of the various SOA components?

- a) Business Process Modeling Notation
- b) Service-Oriented Modeling Framework
- c) Systems Modeling Language
- d) All of the mentioned

Answer: b

4. Which of the following element in SOMF determines how components are exposed?

- a) Discovery
- b) Conceptualization
- c) Analysis
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Star model is favored in orchestration processes
- b) UML models often use XMI as their interchange format
- c) XMI files are generally interchangeable between the different modeling languages that can use them

d) None of the mentioned

Answer: c

6. Which of the following provides information on service and service boundaries, service granularity, and asset analysis?

- a) SMIL
- b) SOMA
- c) SMA
- d) All of the mentioned

Answer: b

7. How many types of modeling topologies for message passing are used in SOMF?

- a) 1
- b) 2
- c) 3
- d) None of the mentioned

Answer: d

8. Which of the following topology has no orchestrator in the system?

- a) Circular
- b) Hierarchical
- c) Network
- d) Star

Answer: a.

9. Which of the following topology is useful for services that use broadcasting or multicasting services?

- a) Circular
- b) Hierarchical
- c) Network
- d) Star

Answer: d

10. Which of the following topology has a many-to-many relationship between services and their clients?

- a) Circular
- b) Hierarchical
- c) Network
- d) Star

Answer: c

This set of Cloud Computing question bank focuses on “Managing and Monitoring SOA”.

1. Which of the following products have SOA management tool?

- a) HP Software and Solutions OpenView SOA Manager
- b) IBM Tivoli Framework Composite Application Manager
- c) Oracle BPEL Process Manager
- d) All of the mentioned

Answer: d

2. Point out the wrong statement.

- a) A service in SOMF that is granular and very narrow in scope is referred to as an atomic service
- b) An atomic service can be decomposed into smaller services that provide a useful function
- c) SOA describes a distributed collection of services performing business process functions
- d) All of the mentioned

Answer: b

3. Which of the following is an automated SOA problem-resolution package?

- a) AppSight
- b) LISA
- c) CoreFirst
- d) All of the mentioned

Answer: a

4. Which of the following is an SOA transaction manager?

- a) AppSight
- b) LISA
- c) CoreFirst
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) Service clusters may be composed of both atomic services and composite services
- b) Large functions such as payroll modules would normally be atomic SOA services
- c) A composite service is usually organized as a hierarchical topology and is multi-functional or a coarse-grained entity
- d) None of the mentioned

Answer: b

6. Which of the following present a particular challenge in the area of SOA?

- a) Configuration management
- b) Change management
- c) Virtualization
- d) All of the mentioned

Answer: d

7. Which of the following discovery service can map SOA transactions and dependencies?

- a) CA Wily SOA Solution
- b) CSA Wily SOA Solution
- c) ESB Wily SOA Solution
- d) None of the mentioned

Answer: a

8. Which of the following SOA Management System is acquired by Oracle?

- a) AmberPoint
- b) HighPoint
- c) NetworkPoint
- d) None of the mentioned

Answer: a

9. SOA offers a _____ design and reusable components in large deployments.

- a) physical
- b) logical
- c) external
- d) all of the mentioned

Answer: b

10. How many service types appear as a specific shape in SOMF model?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “SOA Security”.

1. Which of the following is policy based XML security service by Cisco?

- a) Application Oriented Manager
- b) Application Oriented Networking
- c) Application Process Networking
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) SOA eliminates the use of application boundaries, the traditional methods where security is at the application level aren't likely to be effective
- b) An atomic service cannot be decomposed into smaller services that provide a useful function
- c) XML security service may be found in Citrix's NetScaler 9.0
- d) None of the mentioned

Answer: d

3. Which of the following is not an OASIS standard for SOA Security?

- a) Security Assertion Markup Language
- b) Synchronized Multimedia Integration Language
- c) WS-SecureConversation
- d) All of the mentioned

Answer: b

4. Which of the following provides data authentication and authorization between client and service?

- a) SAML
- b) WS-SecureConversation
- c) WS-Security
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) To address SOA security, a set of OASIS standards have been created
- b) WS-SecureConversation attaches a security context token to communications such as SOAP used to transport messages in an SOA enterprise
- c) WS-Trust is an extension of SOA that enforces security by applying tokens such as

Kerberos, SAML, or X.509 to messages

d) None of the mentioned

Answer: c

6. Which of the following is a web services protocol for creating and sharing security context?

a) WS-Trust

b) WS-SecureConversation

c) WS-SecurityPolicy

d) All of the mentioned

Answer: b

7. Which of the following is part of a general WS-Policy framework?

a) WS-Trust

b) WS-SecureConversation

c) WS-SecurityPolicy

d) All of the mentioned

Answer: c

8. Which of the following extends WS-Security to provide a mechanism to issue, renew, and validate security tokens?

a) WS-Trust

b) WS-SecureConversation

c) WS-SecurityPolicy

d) All of the mentioned

Answer: a

9. _____ is a mechanism for attaching security tokens to messages.

a) STT

b) STS

c) SAS

d) All of the mentioned

Answer: b

10. Providing XML Gateway SOA security requires a _____ so that encryption is enforced by digital signatures.

a) Public Key Infrastructure

b) Private Key Infrastructure

c) Hybrid Key Infrastructure

d) None of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “The Open Cloud Consortium”.

1. Which of the following organization supports the development of standards for cloud computing?

- a) OPC
- b) OCP
- c) OCC
- d) All of the mentioned

Answer: c

2. Point out the wrong statement.

- a) MapReduce is Google’s patented software framework that supports distributed large data sets organized by the Google File System
- b) MapReduce is Yahoo’s patented software framework that supports distributed large data sets organized by the Yahoo File System
- c) The Apache Hadoop open-source system is based on MapReduce and GFS
- d) None of the mentioned

Answer: b

3. Which of the following function is provided by OCC working group?

- a) Develop benchmarks for measuring cloud computing performance
- b) Provide testbeds that vendors can use to test their applications
- c) Support the development of open-source reference implementations for cloud computing
- d) All of the mentioned

Answer: d

4. OCC supports the management of cloud computing infrastructure for scientific research as part of the _____ working group initiative.

- a) OSCD
- b) OSCDP
- c) OSCP
- d) All of the mentioned

Answer: b

5. Point out the correct statement.

- a) SOA offers an architectural blueprint for accessing diverse optimized services through a loosely coupled standardized method
- b) OCC does not support the development of open-source reference implementations for

cloud computing

- c) SOA offers an architectural blueprint for accessing diverse optimized services through a tightly coupled standardized method
- d) None of the mentioned

Answer: a

6. Which of the following is single-purpose application implemented in the cloud?

- a) Carbonite backup
- b) Google's Gmail email
- c) Twitter's Instant Messaging
- d) All of the mentioned

Answer: d

7. Which of the following is used to describe Web services that allow for user input and modification?

- a) Web 2.0
- b) Web 1.0
- c) Web 3.0
- d) All of the mentioned

Answer: a

8. A _____ is the combination of data from two or more sources that creates a unique service.

- a) dev
- b) mashup
- c) ajax
- d) all of the mentioned

Answer: b

9. Which of the following correctly describes group of technologies that leverage HTML and CSS for styling?

- a) DOM
- b) AJAX
- c) SAS
- d) All of the mentioned

Answer: b

10. AJAX uses _____ for asynchronous communication between various data sources.

- a) XSLT

- b) XMLHttpRequest
- c) DTD
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Applications in the Clouds”.

1. The properties necessary to guarantee a reliable transaction in databases and other applications is referred to as _____

- a) BASE
- b) ACID
- c) ATOM
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) In theory, any application can run either completely or partially in the cloud
- b) The location of an application or service plays a fundamental role in how the application must be written
- c) An application or process that runs on a desktop or server is executed coherently, as a unit, under the control of an integrated program
- d) None of the mentioned

Answer: d

3. Which of the following is property of ACID principle?

- a) Atomicity
- b) Consistency
- c) Isolation
- d) All of the mentioned

Answer: d

4. Which of the following ACID property states that the system must go from one known state to another and that the system integrity must be maintained?

- a) Atomicity
- b) Consistency
- c) Isolation
- d) Durability

Answer: b

5. Point out the wrong statement.

- a) Taken as a unit, “Request => Process => Response” is not an atomic transaction
- b) A coherent transaction either succeeds and is enacted, or fails and is rolled back
- c) When rollback is not possible due to optimistic transaction commitment in a multiuser

application, durability requires correcting the condition

d) None of the mentioned

Answer: a

6. Which of the following component is required for both online and local data access in hybrid application?

a) local

b) cloud

c) both local and cloud

d) none of the mentioned

Answer: c

7. Which of the following factors might offset the cost of offline access in hybrid applications?

a) scalability

b) costs

c) ubiquitous access

d) all of the mentioned

Answer: d

8. An application that needed _____ storage alone might not benefit from a cloud deployment at all.

a) online

b) offline

c) virtual

d) all of the mentioned

Answer: b

9. The _____ property states that the system must have a mechanism to recover from committed transactions should that be necessary.

a) Atomicity

b) Consistency

c) Isolation

d) Durability

Answer: d

10. Which of the following property defines a transaction as something that cannot be subdivided and must be completed or abandoned as a unit?

a) Atomicity

- b) Consistency
- c) Isolation
- d) Durability

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Application Attributes”.

1. Which of the following is best suited for the analysis of an application’s suitability to be ported to the cloud?

- a) Service Attributes
- b) Cloud Attributes
- c) Application Attributes
- d) All of the mentioned

Answer: c

2. Point out the correct statement.

- a) An application that runs as a service on the Internet has a client portion that makes a request and a server portion that responds to that request
- b) In a distributed system, the transaction is stateful
- c) In order to create a stateless system in a distributed architecture, a transaction manager or broker must be added so that the intermediary service can account for transactions and react accordingly when they succeed or fail
- d) None of the mentioned

Answer: a

3. Which of the following is the first level applicable attribute?

- a) Availability
- b) Monitoring
- c) Configuring
- d) All of the mentioned

Answer: a

4. Which of the following is a second level attribute in relation to scalability?

- a) Fault management
- b) Caching
- c) Expertise
- d) Geographic location

Answer: c

5. Point out the wrong statement.

- a) When applications get moved to the cloud, they do not retain the features of a three-layered architecture
- b) Virtual machines are not only stateless

- c) Some applications can be successfully ported to the cloud, while others suffer from the translation
d) None of the mentioned

Answer: c

6. Which of the following is not a second level attribute in relation to Data Management?
a) Data exchange
b) Staging
c) Index
d) Portability

Answer: b

7. Which of the following criteria needs to be met so that key drivers benefit from deployment to the cloud?
a) Are mission critical
b) Do have sensitive data to protect
c) Do need to be customized
d) Are legacy applications with no particular competitive advantage

Answer: d

8. APIs and Deployment are second level application attributes in accordance with _____
a) application
b) costs
c) maintenance
d) user interface

Answer: c

9. Which of the attributes is required for the best user interface?
a) User interaction
b) Ease of use
c) Interface features
d) All of the mentioned

Answer: d

10. Which of the following is not a second level application attribute?
a) Reliability
b) Resource access
c) Uptime

d) costs

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Service Attributes”.

1. Which of the following is a key cloud service attribute?

- a) Abstraction
- b) Infrastructure
- c) User Interface
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) The cloud turns physical systems into virtual systems
- b) The printing service decided to eliminate infrastructure and streamline the process
- c) The first stage in the redeployment is to eliminate the local processing associated with the scanning machines
- d) None of the mentioned

Answer: a

3. Which of the following is the first level cloud service attribute?

- a) Accounting
- b) Application support
- c) Core Services
- d) All of the mentioned

Answer: c

4. Which of the following is a second level cloud attribute in relation to Platform Features?

- a) Development environment
- b) Programming language support
- c) Deployment technology
- d) All of the mentioned

Answer: d

5. Point out the correct statement.

- a) Virtual machines are not provisioned to process the scans
- b) Virtual machines are only stateless
- c) Infrastructure, storage, and the queuing system all come together to eliminate a great deal of cost and operational complexity
- d) None of the mentioned

Answer: c

6. Which of the following is not a second level cloud attribute in relation to Storage?

- a) Non-relational
- b) SQL support
- c) Replication
- d) Language and locale

Answer: d

7. Which of the following scenario can be referred to as cloud bursting?

- a) Part of the application is on a local system, and part is in the cloud
- b) Complete part of the application is on local system
- c) Complete part of the application is on local system
- d) None of the mentioned

Answer: a

8. Which of the following is not a first level cloud service attribute?

- a) Applications
- b) Infrastructure
- c) Core Services
- d) None of the mentioned

Answer: d

9. An application that provides for transaction overflow in a reservation system is an example of _____

- a) cloud servicing
- b) cloud bursting
- c) cloud provisioning
- d) all of the mentioned

Answer: b

10. Which of the following is not a second level cloud attribute?

- a) Applications
- b) Infrastructure
- c) Database
- d) Storage

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) for campus interviews focuses on “Applications and Cloud APIs”.

1. Which of the following mechanisms are contained by Cloud API for accessing cloud services?

- a) Abstraction
- b) Authentication
- c) Replication
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) The nature of a cloud provider’s Cloud API will impact the ability to move an application to the cloud
- b) Cloud APIs are the Application Programming Interface to functions that exchange information in and with the cloud
- c) Each cloud vendor has its own specific API
- d) All of the mentioned

Answer: d

3. Which of the following is cross-platform API based on generalizing the major cloud vendors APIs?

- a) Deltacloud
- b) Simple Cloud API
- c) Design Cloud
- d) All of the mentioned

Answer: d

4. Applications using managed cloud storage are _____ as a Service Web service.

- a) Infrastructure
- b) Platform
- c) Service
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Some APIs are both exposed as SOAP and REST
- b) Most APIs are exposed as SOAP
- c) Few APIs are exposed as REST

d) None of the mentioned

Answer: d

6. Which of the following presents the developer with their own APIs?

- a) VMWare vCloud
- b) Rackspace Cloud Servers
- c) RimuHosting
- d) Rackspace Cloud Servers

Answer: d

7. Which of the following storage is presented to a user as if it is a ready-to-use disk drive?

- a) Managed
- b) Unmanaged
- c) Unavailable
- d) None of the mentioned

Answer: b

8. Which of the following cloud storage involves the provisioning of a raw virtualized disk?

- a) Managed
- b) Unmanaged
- c) Unavailable
- d) All of the mentioned

Answer: a

9. Which of the following storage option is available for managed storage?

- a) formatting
- b) partitioning
- c) replicating data
- d) all of the mentioned

Answer: d

10. Which of the following cloud storage is consumed by file sharing software?

- a) Managed
- b) Unmanaged
- c) UnAvailable
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Storage in the Digital Universe”.

1. Which of the following is storage data interchange interface for stored data objects?

- a) OCC
- b) OCCl
- c) OCMl
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) To determine whether your application will port successfully, you should perform a functionality mapping exercise
- b) Cloud computing supports some application features better than others
- c) Cloud bursting is an overflow solution that clones the application to the cloud and directs traffic to the cloud during times of high traffic
- d) All of the mentioned

Answer: d

3. _____ data represents more than 50 percent of the data created every day.

- a) Shadow
- b) Light
- c) Dark
- d) All of the mentioned

Answer: a

4. Cloud storage data usage in the year 2020 is estimated to be _____ percent resident by IDC.

- a) 10
- b) 15
- c) 20
- d) None of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Some APIs are both exposed as SOAP and REST
- b) The role of a cloud vendor specific API has impact on porting an application
- c) There are mainly three types of cloud storage

d) None of the mentioned

Answer: c

6. Which of the following system does not provision storage to most users?

- a) PaaS
- b) IaaS
- c) CaaS
- d) SaaS

Answer: b

7. The addition of a software package on top of a cloud storage volume makes most cloud storage offerings conform to a _____ as a Service model.

- a) Software
- b) Platform
- c) Analytics
- d) None of the mentioned

Answer: a

8. How many categories of storage devices broadly exist in cloud?

- a) 1
- b) 2
- c) 3
- d) None of the mentioned

Answer: b

9. Which of the following storage devices exposes its storage to clients as Raw storage that can be partitioned to create volumes?

- a) block
- b) file
- c) disk
- d) all of the mentioned

Answer: a

10. Which of the following impose additional overhead on clients and offer faster transfer?

- a) Block storage
- b) File Storage
- c) File Server
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Provisioning Cloud Storage – 1”.

1. Which of the following cloud storage is mainly meant for developers and to support applications built using Web services?

- a) Managed
- b) Unmanaged
- c) Disk
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Cloud storage may be broadly categorized into four major classes of storage
- b) In unmanaged storage, the storage service provider makes storage capacity available to users
- c) In managed storage, the storage service provider makes storage capacity available to users
- d) All of the mentioned

Answer: b

3. Which of the following is the form of unmanaged cloud storage?

- a) XDrive
- b) OmniDrive
- c) iDrive
- d) All of the mentioned

Answer: d

4. Which of the following is an example of an unmanaged storage utility set up to do automated backups?

- a) XDrive
- b) OmniDrive
- c) FreeDrive
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Unmanaged storage is reliable
- b) Managed storage is relatively cheap to use

- c) Most of the user-based applications that work with cloud storage are of unmanaged type
- d) None of the mentioned

Answer: b

6. Which of the following factors led to the demise of many of the early SSPs and to many hosted file services?

- a) The Dot.com bust in 2000
- b) The inability of file-hosting companies to successfully monetize online storage
- c) The continued commoditization of large disk drives
- d) All of the mentioned

Answer: d

7. Which of the following is the simplest unmanaged cloud storage device?

- a) file transfer utility
- b) antivirus utility
- c) online image utility
- d) none of the mentioned

Answer: a

8. The service FreeDrive is storage that allows _____ users to view the content of others.

- a) Facebook
- b) Twitter
- c) Whatsapp
- d) None of the mentioned

Answer: a

9. Which of the following file transfer utility creates a shared folder metaphor using a Web service?

- a) Dropbox
- b) Skype
- c) Drive
- d) All of the mentioned

Answer: a

10. Which of the following offers Storage size of 10GB free to 100 GB paid?

- a) Adrive
- b) 4shared
- c) Badongo

d) All of the mentioned

Answer: b

This set of Cloud Computing Aptitude Test focuses on “Provisioning Cloud Storage – 2”.

1. Which of the following service offers unlimited storage space?

- a) Adrive
- b) 4shared
- c) Badongo
- d) All of the mentioned

Answer: c

2. Point out the correct statement.

- a) In a managed cloud storage system, the user provisions storage on demand
- b) Unmanaged Storage is meant to support virtual cloud computing
- c) In managed storage, the storage service provider makes storage capacity available to users
- d) All of the mentioned

Answer: a

3. Which of the following service has WebDAV as developer API?

- a) Adrive
- b) Drop.io
- c) Dropbox
- d) All of the mentioned

Answer: a

4. Which of the following developer API is provided by FilesAnywhere service?

- a) FA
- b) CA
- c) BA
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) The most basic service that online storage can serve is to provide disk space on demand
- b) The user may be able to purchase additional space for paid service
- c) S3 is an example of unmanaged cloud storage
- d) None of the mentioned

Answer: c

6. Which of the following service is provided by Google for online storage?

- a) Drive
- b) SkyDrive
- c) Dropbox
- d) All of the mentioned

Answer: a

7. Which of the following association has coined the term Data Storage as a Service (DaaS) to describe the delivery of storage on demand to clients over a distributed system?

- a) SNIA
- b) COA
- c) OCCI
- d) None of the mentioned

Answer: a

8. Which of the following are Managed cloud storage providers?

- a) EMC Atmos
- b) Amazon.com Simple Storage Service
- c) IBM Smart Business Storage Cloud
- d) All of the mentioned

Answer: d

9. Which of the following is mainly focused on backup and digital archiving, not on storage hosting?

- a) Nirvanix
- b) Iron Mountain
- c) Google Storage for Developers
- d) All of the mentioned

Answer: b.

10. Which of the following offers direct competition to Amazon's S3 service?

- a) Nirvanix
- b) Rackspace Cloud
- c) Badongo
- d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Virtual Storage Containers”.

1. Which of the following feature make cloud-based storage systems highly reliable?

- a) Redundant networks
- b) Redundant name servers
- c) Replication
- d) All of the mentioned

Answer: d.

2. Point out the correct statement.

- a) With Atmos, you can create your own cloud storage system or leverage a public cloud service with Atmos online
- b) IBM is a major player in cloud computing particularly for businesses
- c) In managed storage, the storage service provider makes storage capacity available to users
- d) All of the mentioned

Answer: a

3. Redundancy has to be implemented at the _____ architectural level for effective results in cloud computing.

- a) lower
- b) higher
- c) middle
- d) all of the mentioned

Answer: b

4. Which of the following can manage data from CIFS and NFS file systems over HTTP networks?

- a) StorageGRID
- b) DataGRID
- c) DiskGRID
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) AWS S3 essentially lets you create your own cloud storage
- b) AWS created “Availability Zones” within regions, which are sets of systems that are isolated from one another
- c) Amazon Web Services (AWS) adds redundancy to its IaaS systems by allowing EC2 virtual

machine instances
d) None of the mentioned

Answer: d

6. A _____ is a logical unit that serves as the target for storage operations, such as the SCSI protocol READs and WRITEs.
a) GETs
b) PUN
c) LUN
d) All of the mentioned

Answer: c

7. Which of the following use LUNs to define a storage volume that appears to a connected computer as a device?
a) SAN
b) iSCSI
c) Fibre Channel
d) All of the mentioned

Answer: d

8. Which of the following protocol is used for discovering and retrieving objects from a cloud?
a) OCCl
b) SMTP
c) HTTP
d) All of the mentioned

Answer: a

9. Which of the following disk operation is performed When a tenant is granted access to a virtual storage container?
a) CRUD
b) File system modifications
c) Partitioning
d) All of the mentioned

Answer: d

10. Which of the following standard connect distributed hosts or tenants to their provisioned storage in the cloud?
a) CDMI

- b) OCMI
- c) COA
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Backup Solutions”.

1. Which of the following factors are deemed to be important considerations for evaluating cloud solutions?

- a) Seamless maintenance and upgrades
- b) Performance characteristics
- c) Client self-service
- d) All of the mentioned

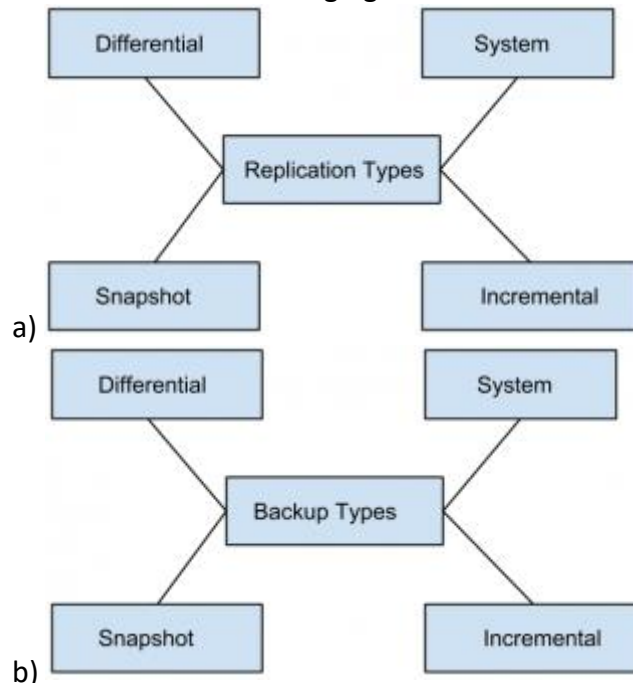
Answer: d

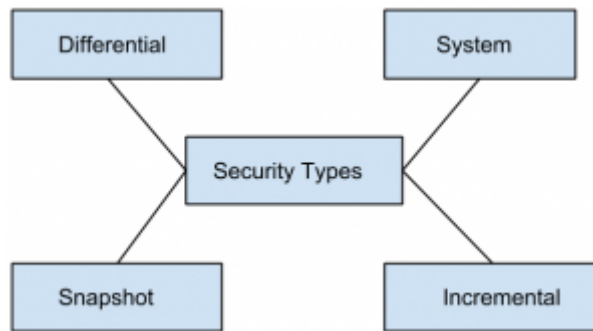
2. Point out the correct statement.

- a) QoS levels may be applied to different services against a single virtual storage container
- b) An SLA might specify that a particular Quality of Service (QoS) for a virtual storage container may be measured in terms of the I/O per second
- c) To provide for scaling, a virtual storage container must be easily migrated from one storage system to another
- d) All of the mentioned

Answer: d

3. Which of the following figure is correct according to categories shown?





- c)
d) All of the mentioned

Answer: b

4. How many categories of backup exist in cloud storage?

- a) 3
b) 4
c) 5
d) None of the mentioned

Answer: d

5. Point out the wrong statement.

- a) To scale in, the service must allow for stored data to span additional storage systems
b) To scale up, the service must allow for more disks and more spindles to be provisioned
c) To increase the capacity of a storage provision, it is necessary to provide the capability to scale up or scale out across storage systems
d) None of the mentioned

Answer: a

6. Which of the following is not a backup category?

- a) Full system backup
b) Half system backup
c) Image backup
d) All of the mentioned

Answer: b

7. Which of the following backup is also referred to as snapshots?

- a) Point-in-time
b) Differential
c) Image backup
d) All of the mentioned

Answer: a

8. Which of the following software supplies full system backup?

- a) Carbonite
- b) Ghost
- c) RDIFF-BACKUP
- d) All of the mentioned

Answer: b

9. Which of the following backup lets you restore your data to a point in time and saves multiple copies of any file that has been changed?

- a) Point-in-time
- b) Differential
- c) Reverse backup
- d) None of the mentioned

Answer: a

10. The amount of time needed to backup a system is referred to as its _____

- a) backup time
- b) backup sheet
- c) backup window
- d) all of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Backup Types”.

1. Which of the following flag is used by backup software to specify whether a file should be backed up or not?
- a) archive bit
 - b) passive bit
 - c) active bit
 - d) all of the mentioned

Answer: a

2. Point out the correct statement.
- a) To create an image backup of an active system, you may need to stop all application
 - b) To create an incremental backup of an active system, you may need to stop all applications
 - c) Differential backup allows a system to do what is referred to as a bare metal restore
 - d) All of the mentioned

Answer: a

3. Which of the following backups are faster and more efficient from a storage perspective?
- a) Point-in-time
 - b) Incremental
 - c) Reverse Delta backup
 - d) All of the mentioned

Answer: b

4. Which of the following backups creates a full backup first and then periodically synchronizes the full copy with the live version?
- a) Continuous Data Protection
 - b) Open file backup
 - c) Reverse Delta backup
 - d) None of the mentioned

Answer: c

5. Point out the wrong statement.
- a) To scale out, the service must allow for stored data to span additional storage systems
 - b) The data is backed up, and then every so often changes are amended to the backup creating is referred to as an incremental backup
 - c) A differential backup is related to a full system backup

d) None of the mentioned

Answer: c

6. Which of the following backup is used by Apple's Time Machine?

- a) Continuous Data Protection
- b) Open file backup
- c) Reverse Delta backup
- d) Mirroring

Answer: c

7. Which of the following backup create a cloned copy of your current data or drive?

- a) Continuous Data Protection
- b) Open file backup
- c) Reverse Delta backup
- d) None of the mentioned

Answer: a

8. Which of the following backup systems are expensive and highly customized to a particular application such as SQL Server?

- a) Continuous Data Protection
- b) Open file backup
- c) Reverse Delta backup
- d) Data archival

Answer: b

9. Which of the following is useful for legal compliance or to provide a long-term historical record?

- a) Continuous Data Protection
- b) Open file backup
- c) Reverse Delta backup
- d) Data archival

Answer: d

10. Which of the following is used to specify the migration of data that is no longer in use to tertiary long-term data storage for retention?

- a) replicating
- b) scaling
- c) archiving

d) all of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Backup Features”.

1. If you have a local version of a file, then a version of that file stored in the cloud conforms to all three of the _____ backup rules.

- a) 3-2-1
- b) One-two-three
- c) 1-2-3
- d) All of the mentioned

Answer: c

2. Point out the correct statement.

- a) Replication creates a copy of the data which is not synchronized
- b) An archive removes older information that is no longer operational and saves it for long-term storage
- c) Reverse delta backup allows a system to do what is referred to as a bare metal restore
- d) All of the mentioned

Answer: b

3. Which of the following is the first rule according to 3-2-1 Backup Rule by Peter Krogh?

- a) Retain three copies of any file—an original and two backups
- b) Files must be on two different media types
- c) One copy must be stored offsite
- d) All of the mentioned

Answer: c

4. Which of the following is an incorrect feature of cloud storage backup solution?

- a) Logon authentication
- b) Low Encryption
- c) Fast backup
- d) None of the mentioned

Answer: b

5. Point out the wrong statement.

- a) In a differential backup, the backup software can obtain the up-to-date backup from the last full backup and the last incremental backup alone
- b) Incremental backup analyzes the transactions that are in progress
- c) A cloud storage system contains a certain built-in latency, so unless the original data set is quiescent, the mirror lags behind the original in concurrency

d) None of the mentioned

Answer: b

6. Which of the following is the most important feature of cloud storage listed below?

- a) Logon authentication
- b) Bare file
- c) Multiplatform support
- d) Adequate bandwidth

Answer: a

7. How many bits of encryption is at least required for cloud backup storage solution?

- a) 56
- b) 84
- c) 128
- d) None of the mentioned

Answer: c

8. Which of the following is the most important client to back up in the cloud?

- a) Windows
- b) Mac
- c) Linux
- d) All of the mentioned

Answer: d

9. Which of the following service does not support backup on the Linux platform?

- a) Backblaze
- b) Crashplan
- c) Datapreserve
- d) ADrive

Answer: a

10. Which of the following is the least important feature of cloud storage listed below?

- a) Multisite storage or replication
- b) 24x7 technical support
- c) Data versioning
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Data Management Interface”.

1. Which of the following sells a server referred to as Cloud Attached Storage?

- a) CEAT
- b) CTERA
- c) OCCI
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) The CTERA Cloud Attached Storage backup server has the attributes of a NAS
- b) CDMI removes older information that is no longer operational and saves it for long-term storage
- c) OCMC cloud backup provides a solution that optimizes the backup based on bandwidth availability
- d) All of the mentioned

Answer: a

3. The development of systems on a chip has enabled CTERA to create a scaled-down version of the CTERA server called the CTERA _____

- a) CloudPlug
- b) NextCloud
- c) CloudNext
- d) All of the mentioned

Answer: a

4. Which of the following filesystem can be backed up by CloudPlug?

- a) NTFS
- b) FAT32
- c) EXT3
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Clients have browser-based access to the backups or can locally access files using CTERA “Virtual Cloud Drive” network drive
- b) CloudPlug performs backup and synchronization services and then performs automated or on-demand backups and snapshots of your systems

- c) CloudPlug uses UPnP (Universal Plug and Play) and Bonjour to discover systems on the network
- d) None of the mentioned

Answer: d

6. Which of the following is the open cloud storage management standard by SNIA?
- a) CDMI
 - b) OCCI
 - c) CEA
 - d) Adequate bandwidth

Answer: a

7. Which of the following standard uses the same authorization and authentication mechanism as CDMI?
- a) SIA
 - b) NFS
 - c) NTFS
 - d) None of the mentioned

Answer: b

8. While working with the storage domain model, CDMI allows for interoperation of which of the following clouds?
- a) public
 - b) private
 - c) hybrid
 - d) all of the mentioned

Answer: d

9. In the Cloud Data Management Interface (CDMI), the storage space is partitioned into units called _____
- a) containers
 - b) workspace
 - c) replicas
 - d) none of the mentioned

Answer: a

10. Which of the following server performs the backups of clients without requiring any client-based software?
- a) Next3

- b) OBackup
- c) CTERA
- d) All of the mentioned

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Open Cloud Computing Interface”.

1. Which of the following storage API is developed by SNIA for accessing content on storage devices?

- a) VIM
- b) XAM
- c) RIM
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) The OCCI data object can manage CDMI containers
- b) The CDMI data object can manage CDMI containers
- c) OCCI can access objects stored in the cloud by using standard SMTP command
- d) All of the mentioned

Answer: b

3. Which of the following interface converts XAM requests into native commands that are supported by the storage hardware operating systems?

- a) VIM
- b) XAM
- c) RIM
- d) All of the mentioned

Answer: a

4. In which of the following architecture, every resource is identified by a standardized URI that may be translated into both hypertext and other forms?

- a) ROI
- b) ROA
- c) SOA
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) CDMI uses the SNIA eXtensible Access Method to discover and access metadata associated with each data object
- b) OCCI uses metadata for FTP
- c) CDMI provides an interface through which applications can gain access to the storage

objects in a container over the Web

d) None of the mentioned

Answer: b

6. Which of the following action provides a wrapper for metadata and operational instructions?

a) PUT

b) GET

c) HEAD

d) Adequate bandwidth

Answer: c

7. Which of the following metadata MIME is required in a PUT operation?

a) HEAD/OPTIONS

b) GET/RECEIVE

c) KEY/VALUE

d) None of the mentioned

Answer: c

8. Which of the following standard is meant to span the different vendors' standards and cloud infrastructure?

a) OCCI

b) CDMI

c) COA

d) All of the mentioned

Answer: a

9. Which of the following formats can be mapped by OCCI APIs?

a) Pub

b) JSON

c) Plain text

d) All of the mentioned

Answer: d

10. The ability to provide storage on demand from a storage pool is referred to as _____ provisioning.

a) thin

b) thick

c) flat

d) full

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Online Office Systems – 1”.

1. Which of the following can be referred to as productivity software?

- a) DBMS
- b) Word processors
- c) Presentation software
- d) All of the mentioned

Answer: d

2. Point out the correct statement.

- a) Management of cloud storage is performed by out-of-band management systems through a data storage interface
- b) Out-of-band refers to a management console that isn't on the storage network
- c) Out-of-band is most often on an Ethernet network inside a browser
- d) All of the mentioned

Answer: d

3. Which of the following can be tagged as frequently used secondary category applications?

- a) Personal Information Managers
- b) Scheduler
- c) HTML editors
- d) All of the mentioned

Answer: c

4. Which of the following is characteristic of productivity software?

- a) Standards for data interchange
- b) User-centric
- c) Static features
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) A CDMI container can be exported and then used as a virtual disk by Virtual Machines in the cloud
- b) CDMI and OCCl are meant to interoperate
- c) The cloud infrastructure management console can be used to attach exported CDMI containers to the Virtual Machine that is desired

d) None of the mentioned

Answer: d

6. Which of the following is the disadvantage of online office suite?

- a) Generally lower costs for users
- b) Platform independence
- c) Reduced maintenance costs
- d) An Internet connection is required to access your documents

Answer: d

7. Which of the following benefit is provided by the cloud computing office suite?

- a) Easier document sharing
- b) More secure
- c) No full Control
- d) None of the mentioned

Answer: a

8. Which of the following is Adobe's application suite of cloud-based applications?

- a) Acrobat.com
- b) Openoffice
- c) Gpdf
- d) All of the mentioned

Answer: a

9. Which of the following tool cannot be found at Acrobat.com?

- a) Buzzword
- b) ConnectNow
- c) Create Sheet
- d) All of the mentioned

Answer: c

10. Which of the following Acrobat word processor offers a capable set of office applications and makes good use of Adobe Flash animation in its interface?

- a) Buzzword
- b) ConnectNow
- c) Create Sheet
- d) All of the mentioned

Answer: a

This set of Cloud Computing assessment questions focuses on “Online Office Systems – 2”.

1. Which of the following type is not supported by workspaces in Acrobat?

- a) audio
- b) pdf
- c) word
- d) all of the mentioned

Answer: a

2. Point out the correct statement.

- a) Documents stored in the cloud is fully secure and are certainly under a user’s full control
- b) Online productivity applications generally have fewer features than their shrink-wrapped competitors
- c) Data in the cloud cannot be lost and must be managed and backed up
- d) All of the mentioned

Answer: b

3. _____ is a collection of integrated applications that are packaged within a complete desktop environment.

- a) Glide Digital
- b) TransMedia
- c) Safari
- d) All of the mentioned

Answer: a

4. Which of the following standard business application is supported by Glide?

- a) Presenter
- b) Crunch
- c) Calendar
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Documents created with desktop applications are fully compatible with cloud-based applications
- b) Buzzword supports the roles of coauthor, reviewer, and reader for a document
- c) Buzzword is cross compatible with other Office suites
- d) None of the mentioned

Answer: a

6. Which of the following is an online storage drive that stores files within a container?

- a) Glide HD
- b) Portal
- c) Collaboration
- d) None of the mentioned

Answer: a

7. Which of the following office applications allows users to create, modify, share, and work on documents collaboratively by Google?

- a) Google Docs
- b) GDocs
- c) Gdrive
- d) None of the mentioned

Answer: a

8. Which of the following type is not supported for mobile application viewing for Google docs?

- a) Spreadsheets
- b) Database files
- c) Word processor files
- d) All of the mentioned

Answer: b

9. Microsoft's Office Web Apps are written in _____ and eventually are to be supplemented with Silverlight features.

- a) COBOL
- b) AJAX
- c) BASIC
- d) All of the mentioned

Answer: b

10. Office Web Apps can be accessed through Windows Live _____ using a SharePoint Server.

- a) Google Drive
- b) SkyDrive
- c) Dropbox
- d) All of the mentioned

Answer: b

This set of Cloud Computing Problems focuses on “Online Office Systems – 3”.

1. Which of the following types is a Web-based version of the PowerPoint presentation program?

- a) PowerPoint Office Live Web Apps
- b) PowerPoint Online Ppts
- c) PowerPoint Docs
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Google Docs is Google’s online word processor
- b) Using a feature called Google Gadgets, you can add functionality to various Google Docs modules
- c) The central application in the Google Docs suite lets you upload documents, open documents, and share documents
- d) All of the mentioned

Answer: d

3. Which of the following Storage component is used in Office Live Small Business?

- a) Office Live Workspace
- b) TransMedia
- c) Office Live Container
- d) All of the mentioned

Answer: a

4. Thinkfree Office is written in which of the following programming language?

- a) Java
- b) Perl
- c) C#
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Google’s event and time management application uses an Ajax interface to support drag and drop of events between dates and times
- b) Google Calendar is thought to be the most widely used online calendar today
- c) Files you save in SkyDrive do not store a version history and are searchable within the service

d) None of the mentioned

Answer: c

6. Which of the following is a component of Thinkfree Office suite?

- a) Write
- b) Calc
- c) Note
- d) All of the mentioned

Answer: d

7. Which of the following Thinkfree Office component allows you to create a presentation program?

- a) Write
- b) Calc
- c) Show
- d) All of the mentioned

Answer: c

8. Which of the following collaboration feature in Thinkfree Office allow user to upload documents?

- a) ThinkFree Docs
- b) ThinkFree Note
- c) ThinkFree Slide
- d) All of the mentioned

Answer: a

9. Which of the similar feature is not available in Zoho office suite relative to Google cloud suite?

- a) Google Apps
- b) Google Word
- c) Google Drawing
- d) All of the mentioned

Answer: a

10. Which of the following file format is supported by Zoho Writer?

- a) ODT
- b) SXW
- c) RTF

d) All of the mentioned

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Mail Services – 1”.

1. Which of the following application allows you to collect subscriptions and view them all in one site?

- a) newsreader
- b) wordreader
- c) aggregader
- d) all of the mentioned

Answer: a

2. Point out the correct statement.

- a) Many Webmail services are free, and the rest are generally modestly priced
- b) Webmail may be differentiated from hosted email by its access through a Web browser
- c) The current generation of Webmail services implements user interfaces based on Ajax
- d) All of the mentioned

Answer: d

3. Browser based hosted mail is the prototypical _____ as a Service application.

- a) Software
- b) Platform
- c) Infrastructure
- d) All of the mentioned

Answer: a

4. Which was the first free hosted Webmail service to the user?

- a) Hotmail
- b) Yahoo mail
- c) Google mail
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) Most of the webmail services use spam and virus detection to eliminate unwanted mail
- b) Syndication services are a method for publishing content from Websites
- c) RSS content cannot be read in most modern browsers
- d) None of the mentioned

Answer: c

6. Which of the following is not a Webmail Service?

- a) AOL Mail
- b) Windows Live Mail
- c) Yahoo Mail
- d) None of the mentioned

Answer: d

7. Which of the following Webmail service doesn't have POP3 support?

- a) AOL Mail
- b) Excite! Search & Media
- c) BlueTieBlueTie
- d) All of the mentioned

Answer: b

8. Which of the following Webmail service do not have free subscription and service?

- a) LycosDuam
- b) Mail.com
- c) AOL Mail
- d) All of the mentioned

Answer: a

9. Which of the following Webmail service does not support both POP3 and IMAP?

- a) Yahoo! Mail
- b) ThinkPost.net
- c) EmailRackspace
- d) All of the mentioned

Answer: a

10. Google Mail service became available first in beta in _____ from Google Labs.

- a) 2004
- b) 2007
- c) 2008
- d) None of the mentioned

Answer: a

This set of Basic Cloud Computing Interview questions and answers focuses on “Cloud Mail Services – 2”.

1. Which of the following transport protocol is used for POP3 and IMAP access in Gmail?

- a) TTP
- b) TLS
- c) HTTP
- d) All of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Gmail is written to look like an Internet chat utility
- b) Gmail tends to perform most of its operations such as archiving on the conversation as a whole
- c) When a conversation gets to be 50 messages long, Gmail splits the conversation into a second section
- d) All of the mentioned

Answer: c

3. Which of the following prototypical POP3 Webmail mail retrieval service was established in 1997?

- a) Gmail
- b) Mail2Web
- c) Yahoo Mail
- d) All of the mentioned

Answer: b

4. Mail2Web also has a mobile email service based on Exchange called _____ Mobile Email.

- a) Mail2.com
- b) Mail2Web.com
- c) MailWeb.com
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) In Gmail, you cannot construct searches with multiple operators using the Advanced Search feature
- b) Google uses an advertiser-driven model to supply its free service to users

- c) RSS content can be read in most modern browsers
- d) None of the mentioned

Answer: a

6. Which of the following is Microsoft's Webmail offering and with localized versions in 36 languages?
- a) AOL Mail
 - b) Windows Live Hotmail
 - c) Yahoo Mail
 - d) None of the mentioned

Answer: b

7. Which of the following browser is not supported for Hotmail Service?
- a) Firefox
 - b) Safari
 - c) Chrome
 - d) All of the mentioned

Answer: b

8. Which of the following Hotmail feature has ability to set a spam filter directly with your mouse?
- a) 1-Click Filters
 - b) 2-Click Filters
 - c) Mail Filers
 - d) All of the mentioned

Answer: a

9. Which of the following adds the ability to synchronize messages, contacts, and calendars on any mobile phone that has ActiveSync?
- a) Exchange ActiveSync
 - b) Exchange PassiveSync
 - c) EmailRackspace
 - d) All of the mentioned

Answer: a

10. Yahoo! added a version of the user interface based on Ajax that looks like a form of _____
- a) Gmail
 - b) Microsoft Outlook

- c) AOL Mail
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Syndication Services”.

1. Which of the following technology is used for syndicated content?

- a) AJAX
- b) RSS
- c) Javascript
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) A syndication service is another way for people to send messages to a group of people
- b) You can read RSS and Atom formatted content inside special applications called newsreaders
- c) Web feeds also are used to follow blogger and wikis entries
- d) All of the mentioned

Answer: d

3. How many technologies are used for most of the syndicated content on the Internet?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: b

4. Which of the following file format is used by RSS module?

- a) XML
- b) SMIL
- c) JSON
- d) All of the mentioned

Answer: a

5. Point out the wrong statement.

- a) In Gmail, you can construct searches with multiple operators using the Advanced Search feature
- b) RSS and Atom are prototypes of a class of XML specifications called synchronized markup languages
- c) A typical RSS document or feed contains text and metadata that can be used to indicate publication dates

d) None of the mentioned

Answer: b

6. Which of the following was developed an alternative to XML syndication by IETF?

- a) Atom Publishing Protocol
- b) Atom Subscribing Protocol
- c) Atom Subscribe Protocol
- d) None of the mentioned

Answer: a

7. Which of the following is not an RSS module?

- a) XML namespaces
- b) Ecommerce RSS 2.0
- c) Media RSS 2.0
- d) None of the mentioned

Answer: d

8. Which of the following application is a newsreader?

- a) Google Reader
- b) Bloglines
- c) Newsgator Online
- d) All of the mentioned

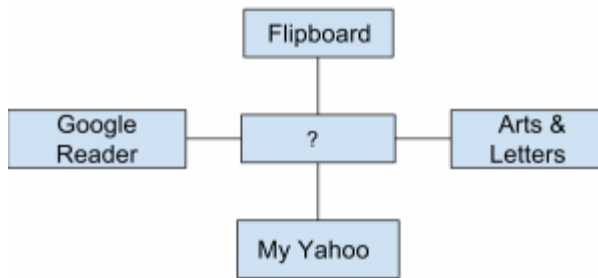
Answer: d

9. _____ is an application for collecting messages sent in RSS and Atom format from information providers.

- a) Google Reader
- b) Yahoo Mail
- c) EmailRackspace
- d) All of the mentioned

Answer: a

10. What does the following figure give information about?



- a) Mail Service
- b) News aggregator
- c) Office Suite
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Communicating with the Cloud – 1”.

1. Which of the following systems allow short text messages to be exchanged?

- a) SMS
- b) IMS
- c) JVS
- d) All of the mentioned

Answer: a

2. Point out the correct statement.

- a) Aggregation also can be done within software creating a custom Web page
- b) The Add Stuff link in iGoogle takes you to the content management system
- c) When you return to iGoogle, the feed appears within an Ajax frame that can be moved around on the page or moved to additional tabs that you can create
- d) All of the mentioned

Answer: d

3. _____ builds on the older concept of Internet chat to add a more immediate response to text messages between individuals and groups.

- a) VM
- b) IM
- c) SM
- d) None of the mentioned

Answer: b

4. Which of the following can be a form of Instant messaging application?

- a) Discrete instant messaging desktop clients
- b) Enterprise messaging services
- c) Browser-based IM clients
- d) All of the mentioned

Answer: d

5. Point out the wrong statement.

- a) Syndicated content appears in iGoogle inside Ajax frames that can be arranged in pages
- b) RSS and Atom are prototypes of a class of XML specifications called syndication markup languages
- c) Webmail services are often free, browser-based, and platform-independent

d) None of the mentioned

Answer: d

6. Which of the following feature is provided by Instant messaging?

- a) Rich contact management
- b) File transfers
- c) E-mail integration
- d) All of the mentioned

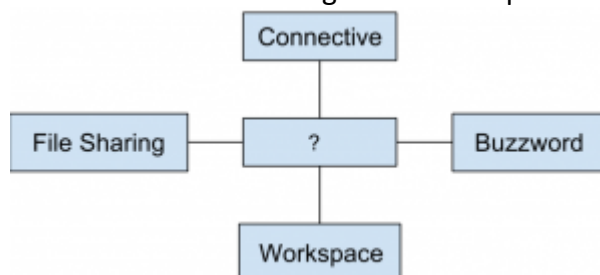
Answer: d

7. Which of the following is also referred to as Windows Live Messenger native client contact?

- a) Friends list
- b) Buddy list
- c) Contact list
- d) None of the mentioned

Answer: b

8. Which of the following should be replaced with question mark in the figure shown?



- a) Glide
- b) Acrobat
- c) Google Docs
- d) None of the mentioned

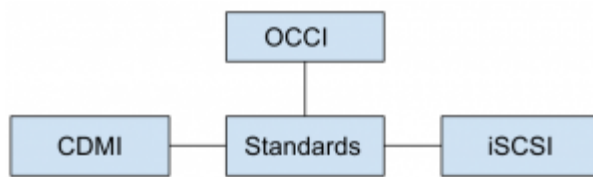
Answer: b

9. Which of the following Webmail service has IM clients embedded in it?

- a) Yahoo Office Communications Server
- b) Microsoft Office Communications Server
- c) AOL Server
- d) All of the mentioned

Answer: b

10. Which of the following feature is provide by standards shown in the following figure?



- a) Scalability
- b) Interoperability
- c) Reliability
- d) None of the mentioned

Answer: b

This set of Advanced Cloud Computing Questions & Answers focuses on “Communicating with the Cloud – 2”.

1. How many types of protocols are important for instant messaging?

- a) 2
- b) 3
- c) 4
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) Every third-party IM clients aim to allow their users to connect to the different major IM services
- b) SIP stands for Secure Initiation Protocol
- c) XMPP stands for Extensible Messaging and Presence Protocol
- d) All of the mentioned

Answer: c

3. Which of the following protocol is adopted for interoperability by top three IM service providers?

- a) SIP
- b) SIMPLE
- c) XMPP
- d) IMPS

Answer: b

4. Which of the following protocol is not an Internet Engineering Task Force standard?

- a) SIP
- b) SIMPLE
- c) XMPP
- d) IMPS

Answer: d

5. Point out the wrong statement.

- a) All IM clients use peer-to-peer messaging
- b) IM software aimed at businesses such as XMPP, Lotus Sametime, and Microsoft Office Communicator use a client/server architecture
- c) Instant messaging is as popular in business as it is in personal communications

d) None of the mentioned

Answer: d

6. Which of the following IM client allow their users to connect to the different major IM services?

- a) Pidgin
- b) Miranda IM
- c) Trillian
- d) All of the mentioned

Answer: d

7. Which of the following is also referred to as Short Message Service?

- a) Mini-blogs
- b) Micro-blogs
- c) Nano-blogs
- d) None of the mentioned

Answer: b

8. Which of the following is a good example of an SMS service organized into a social network and blog?

- a) Twitter
- b) Facebook
- c) Instagram
- d) None of the mentioned

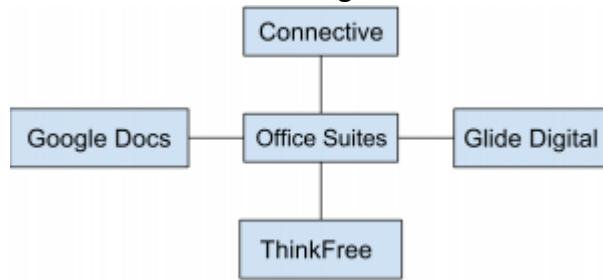
Answer: a

9. Which of the following language is used to build a message server queue in twitter?

- a) Ruby
- b) Scala
- c) Java
- d) All of the mentioned

Answer: b

10. Which of the following version of office suite is shown in the figure?



- a) Offline
- b) Online
- c) Online and Offline
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Collaboration Technologies – 1”.

1. Which of the following factor has helped spur the popularity of collaborative software for conferencing and workgroup support?

- a) emergence of cloud networks
- b) high cost of computing
- c) lowered cost of travel
- d) all of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Yahoo’s Exchange platform added features to compete with Notes
- b) SIP stands for Session Initiation Protocol
- c) Citrix GoToMeeting is one of the best-known collaboration software product
- d) All of the mentioned

Answer: a

3. Which of the following software enables real-time or near-real-time communication?

- a) Focusware
- b) Collaborative
- c) Cooperative
- d) IMPS

Answer: b

4. Which of the following is first ever true collaboration platform?

- a) Lotus Notes
- b) Citrix GoToMeeting
- c) XAMPP
- d) None of the mentioned

Answer: a

5. Point out the wrong statement.

- a) ZCS can synchronize email, contacts, and calendars with a number of mail services, including mobile phones
- b) ZCS is a groupware product
- c) Yahoo!, the owner of ZCS, makes the source code available under their Yahoo! Public License (YPL)

d) None of the mentioned

Answer: d

6. Which of the following product allows users to share their desktop, do presentations, and even let a user remotely take over another user's computer in real time?

- a) Citrix
- b) Zimbra
- c) Trillian
- d) All of the mentioned

Answer: a

7. Which of the following platform is a direct competitor to GoToMeeting?

- a) Zimbra
- b) DimDim
- c) RimRim
- d) None of the mentioned

Answer: b

8. Which of the following is a good example of an SMS service organized into a social network and blog?

- a) Twitter
- b) Facebook
- c) Instagram
- d) None of the mentioned

Answer: a

9. Which of the following sites let you create your own small personal Website, which you give people access to view?

- a) Friendster
- b) MySpace
- c) Facebook
- d) All of the mentioned

Answer: d

10. Which of the following is a central element of social networking site?

- a) Personal profile
- b) Friends
- c) Groups

d) All of the mentioned

Answer: d

This set of tricky Cloud Computing questions and answers focuses on “Collaboration Technologies – 2”.

1. Which of the following programming medium makes social networking widgets more prevalent than the past?

- a) HTML
- b) Java
- c) AJAX
- d) All of the mentioned

Answer: c

2. Point out the wrong statement.

- a) Discussions are often indexed by the major search engines
- b) Few social networking sites have the ability to create blogs
- c) A widget is a small utility that you can add to your page
- d) All of the mentioned

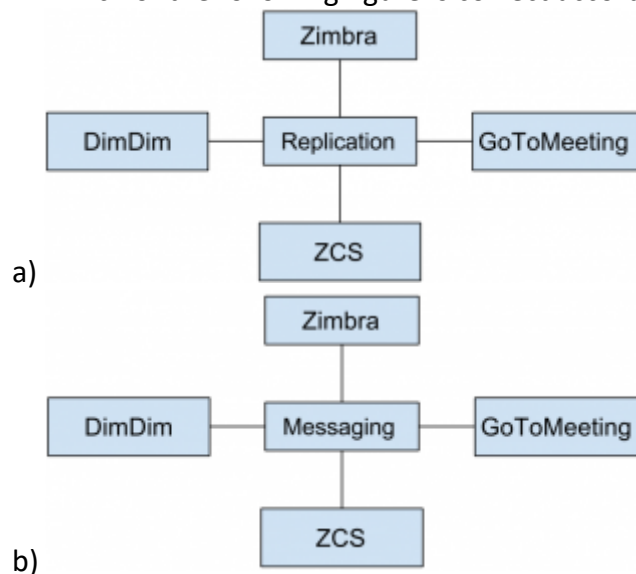
Answer: b

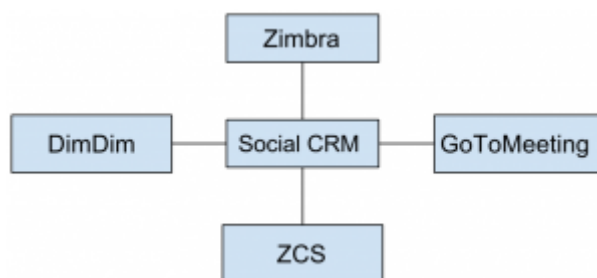
3. Which of the following is not a social networking site?

- a) IRC-Galleria
- b) Italki.com
- c) Itsmy
- d) None of the mentioned

Answer: d

4. Which of the following figure is correct according to categories shown?





- c)
d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) myYearbook is used for general social network
b) MySpace is used as a social networking site for Asian relationships
c) Livemocha is used for language learning purpose
d) None of the mentioned

Answer: b

6. Which of the following social networking site is used for Business and professional networking?

- a) LiveJournal
b) LinkedIn
c) Mix
d) All of the mentioned

Answer: b

7. Which of the following social networking site is used for locating friends and family?

- a) MyLife
b) My Opera
c) MyBlogLog
d) None of the mentioned

Answer: a

8. Which of the following is the largest Chinese social networking site?

- a) Qzone
b) ResearchGATE
c) Renren
d) None of the mentioned

Answer: a

9. Which of the following offers a desktop application or browser add-in for aggregating Webmail and social network accounts?

- a) FriendFeed
- b) ContextMine
- c) Gathera
- d) All of the mentioned

Answer: c

10. Which of the following offers an SaaS service that provides online analysis and measurement of social media tools?

- a) Network Insights
- b) myZuzu
- c) NutshellMail
- d) Gnip

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Media and Streaming”.

1. Which of the following is the audio streaming application by Microsoft?

- a) Hangout
- b) Skype
- c) Voice
- d) All of the mentioned

Answer: b

2. Point out the correct statement.

- a) Streaming files are a way of delivering large content in pieces so playback can begin more quickly
- b) Streaming is used for broadcasting current events
- c) Cloud computing provides large storage for maintaining libraries
- d) All of the mentioned

Answer: d

3. How many types of streamed material exist for audio/video streaming applications?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: b

4. Which of the following streaming is also called progressive download?

- a) Offline
- b) Live
- c) On-demand
- d) All of the mentioned

Answer: b

5. Point out the wrong statement.

- a) Video streaming was among the first media applications to find widespread use on the Internet
- b) VoIP is a form of audio streaming with a set of specialized protocols
- c) Broadband connections and low-cost infrastructure have made video streaming services widely available

d) None of the mentioned

Answer: a

6. Which of the following streaming occurs from the material that is already stored to disk?

- a) Online
- b) Live
- c) On-demand
- d) All of the mentioned

Answer: c

7. When a live stream is sent a multicast to 1,000 concurrent users at 500 kbps, the number of megabytes transferred is _____

- a) 220 GB
- b) 220 MB
- c) 220 TB
- d) None of the mentioned

Answer: a

8. Which of the following is a stream sent from a service to an individual user?

- a) Unicast
- b) Multicast
- c) Broadcast
- d) None of the mentioned

Answer: a

9. Applications that protect streamed content by playing the part of the file and discarding it are more aptly referred to as _____

- a) Streaming
- b) Scaling
- c) Gathering
- d) All of the mentioned

Answer: a

10. Which of the following transmission protocol is used in case of a streamed media scenario?

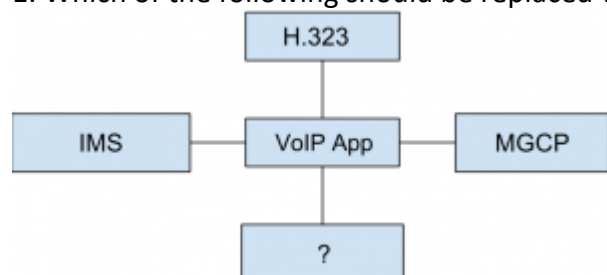
- a) TCP
- b) UDP
- c) HTTP

d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “VoIP Applications”.

1. Which of the following should be replaced with question mark in the figure shown below?



- a) SMTP
- b) HTTP
- c) SIP
- d) None of the mentioned

Answer: c

2. Point out the correct statement.

- a) SHOUTcast is best known for its SHOUTcast Radio
- b) SHOUTcast is a proprietary server solution for streaming media on the Internet
- c) NPR started out providing RealAudio files for streaming and then added Windows Media files as a second format
- d) All of the mentioned

Answer: d

3. Which of the following is the most commonly used VoIP standard?

- a) SDP
- b) IMS
- c) SIP
- d) None of the mentioned

Answer: b

4. Which of the following is more light weight protocol among listed below?

- a) H.323
- b) MGCP
- c) SIP
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) H.323 is used on short transmission lines
- b) POTS is also referred to as the Public Switched Telephone Network (PSTN)
- c) The ITU-T is the standards body for PSTN
- d) None of the mentioned

Answer: a

6. The Skype protocol is a proprietary (closed-source) protocol, parts of which use the Global Index _____ protocol.

- a) C2C
- b) P2P
- c) RTCP
- d) None of the mentioned

Answer: b

7. Which of the following encryption method or algorithm is used in Skype communication?

- a) AES
- b) DES
- c) SHA
- d) None of the mentioned

Answer: a

8. Which of the following feature is supported by Skype application?

- a) Message logging
- b) Instant messaging
- c) File transfers
- d) All of the mentioned

Answer: d

9. How many streaming services does Google have which uses VoIP protocols?

- a) 2
- b) 3
- c) 4
- d) All of the mentioned

Answer: a

10. Google Talk is a service that uses the _____ protocol for the Google Chat IM client.

- a) QuickTime
- b) Jabber

- c) Jaspersoft
- d) None of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Video Streaming – 1”.

1. Google Talk is a Windows only VoIP service on the desktop that uses the _____ protocol.
- a) Jabber
 - b) Jingle
 - c) SIP
 - d) None of the mentioned

Answer: b.

2. Point out the correct statement.
- a) Video streaming over the Internet has become one of the major broadcast transmission media
 - b) The Internet’s “Wayback Machine” stores past versions of the Internet and includes some interesting and significant out-of-copyright video content
 - c) Kype is a video platform for live and on-demand content streamed to online, mobile, and social media platforms
 - d) All of the mentioned

Answer: d

3. Which of the following is the most widespread video streaming service?
- a) Flickr
 - b) Dailymotion
 - c) Metacafe
 - d) All of the mentioned

Answer: d

4. Which of the following is the largest video sharing site?
- a) YouTube
 - b) YuMe
 - c) Yahoo Video
 - d) All of the mentioned

Answer: a

5. Point out the wrong statement.
- a) Veoh serves TV and movie content from major studios, along with uploaded user content
 - b) UStream.tv is a live video event streaming service
 - c) RuTube is a popular Japanese video-sharing site

d) None of the mentioned

Answer: c

6. Which of the following application is an example of TV over the Internet?

- a) Hulu.com
- b) MySpace
- c) Comcast
- d) None of the mentioned

Answer: a

7. Which of the following movie subscription service has moved to the cloud?

- a) AOL
- b) Netflix
- c) XBox
- d) None of the mentioned

Answer: b

8. Which of the following can be best be described as a digital media receiver?

- a) Apple TV
- b) Google TV
- c) Windows Live
- d) All of the mentioned

Answer: a

9. Which of the following media players can view HTML5 content?

- a) XBMC
- b) Media Player Classic
- c) Moovida Core
- d) All of the mentioned

Answer: d

10. Which of the following is the most widely used streaming video file container format?

- a) H.261
- b) H.262
- c) H.264
- d) None of the mentioned

Answer: c

This set of tough Cloud Computing Questions and Answers focuses on “Video Streaming – 2”.

1. Which of the following is also known as MPEG-4 AVC?

- a) MPEG-4 Part 9
- b) MPEG-4 Part 10
- c) MPEG-4 Part 11
- d) None of the mentioned

Answer: b

2. Point out the wrong statement.

- a) Video streaming is a high data-rate transfer activity that benefits greatly from the cloud
- b) Very few video services are already cloud-based
- c) Audio streaming has enabled low-cost distribution of news and entertainment
- d) All of the mentioned

Answer: d

3. ITU-T Video Coding Experts Group (VCEG) and the ISO/IEC Moving Picture Experts Group (MPEG) created the _____ standard.

- a) JVM
- b) JVT
- c) JVS
- d) All of the mentioned

Answer: b

4. Which of the following format is not suitable for cloud-based implementation meant for large audiences?

- a) H.263
- b) MPEG-4 Part 10
- c) H.264
- d) All of the mentioned

Answer: c

5. Point out the wrong statement.

- a) In order to support a range of devices, the Advanced Video Coding defines a set of profiles to support specific device types
- b) The profiles in most widespread use are Main and High, with the Baseline and Extended profiles in use for mobile devices
- c) The codec that compresses/decompresses the video content uses a block-oriented

motion-compensation scheme

d) None of the mentioned

Answer: d

6. Which of the following uses the Vorbis audio codec and the Matroska container file structure?

a) WebM

b) MP4

c) MP3

d) None of the mentioned

Answer: a

7. _____ is the iconic flash video-sharing service now owned by Google.

a) BBC

b) CGS

c) YouTube

d) None of the mentioned

Answer: c

8. YouTube Mobile uses _____ streaming to make video available on other mobile phone platforms.

a) RTP

b) RTSP

c) RTCP

d) All of the mentioned

Answer: b

9. Which of the following is an open-source royalty-free media file format that has been optimized for the Web?

a) WebM

b) MP4

c) MP3

d) None of the mentioned

Answer: a

10. Which of the following video format can be uploaded on Youtube?

a) OGV

b) OGG

c) DivX

d) All of the mentioned

Answer: d

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Mobile Cloud”.

1. Which of the following mobile platform support hundreds of thousands of third-party applications?

- a) iPhone
- b) Symbian
- c) Windows Mobile Phone
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Cloud services are having a major impact on cellular phone technology, and vice versa
- b) Very few smartphones come with native applications that consume Web services
- c) Mobile application developers are staging their apps in the cloud, and a number of hosting services provide support for this
- d) All of the mentioned

Answer: b

3. In which of the following computing, mobile device serves as the presentation platform or the display?

- a) Soft
- b) Mobile
- c) JVS
- d) All of the mentioned

Answer: b

4. Which of the following applications are processed locally on the phone?

- a) Google Earth
- b) Google Maps
- c) Google Voice
- d) None of the mentioned

Answer: d

5. Point out the wrong statement.

- a) When you develop an application for the cloud, you need multiple type of developer and then all the connected phones can use that application
- b) When you develop an application for the cloud, you need just one of developer and then all the connected phones can use that application

- c) The codec that compresses the video content uses a block-oriented motion-compensation scheme
- d) None of the mentioned

Answer: a

6. Mobile Lite is an extension of the _____ cloud service.

- a) Salesforce.com
- b) Google.com
- c) aol.com
- d) None of the mentioned

Answer: a

7. _____ is slated to add both the Opera Mini 5 and Opera Mobile 10 browsers to the Brew mobile platform.

- a) Snapdragon
- b) Qualcomm
- c) Quadrangle
- d) None of the mentioned

Answer: b

8. Which of the following are essential characteristics of smartphone in cloud?

- a) A smartphone offers advanced calling features such as video calls or conferencing
- b) A smartphone has a recognizable operating system
- c) A smartphone comes with a touchscreen
- d) All of the mentioned

Answer: b

9. Which of the following factors needs to be considered while moving from smartphone execution to a virtual machine running in the cloud?

- a) Network bandwidth
- b) Memory
- c) Processing power
- d) None of the mentioned

Answer: a

10. Which of the following was built to serve as a mobile platform for Internet computing?

- a) Windows Phone
- b) Android
- c) Symbian

d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Mobile Cloud Applications – 1”.

1. Which of the following is the core module of Android for Internet computing?

- a) SQLite RDBMS
- b) SQL Server RDBMS
- c) OpenPL
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Google Chrome to Phone Extension sends links and information from a Chrome browser to an Android phone
- b) Voice Actions for Android is a voice command and speech recognition program
- c) Google Goggles is used for local search
- d) All of the mentioned

Answer: c

3. Which of the following Google Application can be found in Android?

- a) Google Translate
- b) Google Shopper
- c) My Tracks
- d) All of the mentioned

Answer: d

4. Which of the following applications are processed locally on the phone?

- a) Google Earth
- b) Google Maps
- c) Google Voice
- d) None of the mentioned

Answer: d

5. Point out the correct statement.

- a) Voice Actions for Android allows you to use spoken commands to control your Android phone
- b) The Android Market is not available on Android phones through the Market application
- c) Video is accessed with the microphone button inside the Google search box on the Android home screen

d) None of the mentioned

Answer: a

6. Which of the following has not included support for Adobe Flash or Java on its platform?

- a) Microsoft
- b) Apple
- c) Google
- d) None of the mentioned

Answer: b

7. Which of the following is Apple's cloud service for hosted email service?

- a) MobileMe
- b) MobApp
- c) MobileCloud
- d) None of the mentioned

Answer: a

8. Which of the following programming medium is used by MobileMe to create the appearance of a desktop application inside a browser?

- a) HTML
- b) DHTML
- c) JQuery
- d) All of the mentioned

Answer: b

9. Which of the following is a photo and video sharing service by MobileMe?

- a) iDisk
- b) Find My iPhone
- c) iWeb Publish
- d) MobileMe Gallery

Answer: d

10. Which of the following is Apple's instant messaging service that interoperates with AIM?

- a) iDisk
- b) iChat
- c) wechat
- d) all of the mentioned

Answer: b

This set of Cloud Computing Puzzles focuses on “Mobile Cloud Applications – 2”.

1. Which of the following has an application on the iPhone to manage its service deployments?

- a) Microsoft
- b) Google
- c) Rackspace
- d) None of the mentioned

Answer: c

2. Point out the wrong statement.

- a) iDisk is an online storage drive that can be browsed and from which items can be shared
- b) iWeb Publish is a hosted Web site that can be accessed either through your own personal domain or through a personal page at Me.com
- c) iGoogle is Apple’s instant messaging service that interoperates with AIM
- d) All of the mentioned

Answer: c

3. Which of the following third-party application uses AWS APIs to control the various components and instances you have running?

- a) iAWSManager
- b) iEC2Manager
- c) iManager
- d) all of the mentioned

Answer: a

4. Which of the following web service can be controlled by iAWSManager cloud app from an iPhone?

- a) EC2
- b) ELB
- c) SQS
- d) All of the mentioned

Answer: d

5. Point out the correct statement.

- a) MobileMe Mail adds a number of features to hosted e-mail including better screen control and formatting, picture handling, and a rich Web experience
- b) MobileMe Calendar is an updated version of the online calendar application
- c) iPhone applications are hosted on the iTunes App Store

d) None of the mentioned

Answer: d

6. Which of the following IM service is invented by Blackberry?

- a) BBM
- b) ICQ
- c) Windows Live Messenger
- d) None of the mentioned

Answer: a

7. _____ Mobile Data-Service Connection Service can connect to mobile BlackBerry devices through a TCP/IP connection.

- a) BIS
- b) BIM
- c) MIS
- d) None of the mentioned

Answer: a

8. Which of the following Symbian microkernel architecture is designed to work with a single processor?

- a) EKA2
- b) EKA1
- c) EKA3
- d) All of the mentioned

Answer: a

9. The Windows CE ____ kernel is a suite of Microsoft applications optimized for smaller display size and using the Windows API.

- a) 4.2
- b) 5.2
- c) 6.2
- d) MobileMe Gallery

10. Which of the following platform features are used in Windows 7 by Microsoft?

- a) Zune HD
- b) iTunes HD
- c) HD Insight
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Mobile Web Services”.

1. Which of the following is a push mechanism for publishing Web site data that is device-specific?
- a) WAP
 - b) GPRS
 - c) GAP
 - d) None of the mentioned

Answer: a

2. Point out the wrong statement.
- a) Mobile devices use less network traffic in consuming Web services than do fixed-line systems
 - b) Mobile devices present some challenges for Web services
 - c) Many service protocols are specifically aimed at providing the necessary translation required to make Websites look good on mobile devices
 - d) All of the mentioned

Answer: a

3. Which of the following is a form of message push service?
- a) FMS
 - b) SMS
 - c) RMS
 - d) All of the mentioned

Answer: b

4. Which of the following is the most popular open-system alternative to system like iOS or BlackBerry OS?
- a) Android OS
 - b) Symbian
 - c) Solaris
 - d) All of the mentioned

Answer: a

5. Point out the correct statement.
- a) To use a Web service, a device do not need to know about that service and know-how to access it
 - b) Mobile devices can transmit specific information about the condition of the device and its

user

- c) Pull services are an important mechanism in e-mail and in certain forms of publishing
- d) None of the mentioned

Answer: d

6. Which of the following has made the development of mobile Web applications much easier and more powerful?

- a) Web Services
- b) Cloud Computing
- c) IM
- d) None of the mentioned

Answer: a

7. Which of the following feature is highly emphasized in an open system for mobile application?

- a) scalability
- b) integrity
- c) interoperability
- d) none of the mentioned

Answer: c

8. Which of the following factor needs to be addressed while working with mobile applications in the cloud?

- a) Different methods of navigation through the interface
- b) Slow transmission over the connection
- c) Variable screen sizes and resolutions
- d) All of the mentioned

Answer: d

9. Which of the following is the most common way to approach the problem of interoperability by vendors?

- a) create individual sites within a Web site for different devices
- b) create scalable websites for different devices
- c) create reliable websites for different devices
- d) none of the mentioned

Answer: a

10. Which of the following repository was created by the Mobile Web Initiative's Device Description Working Group for mobile interoperability?

- a) Device Description
- b) Device Attributes
- c) Distributed Description
- d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Service Types”.

1. Which of the following is a specific top-level domain created for the producers and consumers of mobile services?

- a) MOB
- b) .MOBI
- c) CELL
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Mobile phones are differentiated into feature phones and smartphones
- b) Cloud computing offers the capability to run cell phone applications and Web services and to store data remotely
- c) The eventual impact of the cloud on mobile devices will be to make them thicker(as client)
- d) All of the mentioned

Answer: c

3. Which of the following domain is used to create sites that render correctly on mobile devices?

- a) Mobile Top Level Domain
- b) Mobile Middle Level Domain
- c) Mobile Low Level Domain
- d) All of the mentioned

Answer: a

4. Which of the following tool analyzes Websites and scores them by dotMobi?

- a) Ready mobi
- b) Call mobi
- c) Push mobi
- d) All of the mentioned

Answer: a

5. Point out the correct statement.

- a) Mobile Web services are those in which information is transferred between applications and services over an Internet connection
- b) The mobile Web is fractured into many different competing operating systems and

proprietary hardware

- c) The lack of expandable storage on mobile devices is a classic example of vendor lock-in
- d) All of the mentioned

Answer: d

6. Which of the following mechanism is suited for content compatibility on the mobile Web?

- a) content negotiation
- b) content description
- c) content attribute
- d) none of the mentioned

Answer: a

7. Which of the following group aimed at promoting standards on mobile networks?

- a) OMTP
- b) OTP
- c) MTP
- d) None of the mentioned

Answer: a

8. Which of the following vendors were part of WAC promote the market for mobile applications?

- a) Motorola
- b) Nokia
- c) Sony Ericsson
- d) All of the mentioned

Answer: d

9. Which of the following framework is used for creating mobile interfaces and subsystems by OMTP?

- a) XACML
- b) XLST
- c) XAM
- d) None of the mentioned

Answer: a

10. Which of the following standard mobile API is based on a set of JavaScript APIs?

- a) CDMA API
- b) GSMA OneAPI
- c) DesAPI

d) All of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Service Discovery”.

1. Which of the following standard is used for publishing a Web service that is used in cloud computing?

- a) WSDL
- b) SMIL
- c) XML
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Web services are useful only if they can be discovered by mobile devices
- b) If protocols are standard and open, the chances of being able to exchange information are decreased
- c) Web services are a form of publishing
- d) All of the mentioned

Answer: b

3. Which of the following service is an open registry of business services?

- a) USI
- b) UDDI
- c) UDDL
- d) All of the mentioned

Answer: b

4. Which of the following page is published by UDDI?

- a) Black
- b) Yellow
- c) Blue
- d) All of the mentioned

Answer: b

5. Point out the correct statement.

- a) In WSDL, the service is described in terms of an endpoint that can be accessed to send information to and get information back from the service
- b) Several mechanisms exist for aggregating WSDL documents into a searchable form
- c) UDDI is an OASIS standard that is searchable and is in the XML format

d) All of the mentioned

Answer: d

6. Which of the following service provides a means for advertising services on small networks using a multicast protocol?

- a) WS-Discovery
- b) WS-API
- c) WS-WCF
- d) None of the mentioned

Answer: a

7. Which of the following pages IN UDDI specify the service endpoints?

- a) White
- b) Yellow
- c) Green
- d) None of the mentioned

Answer: c

8. Microsoft uses _____ to provision network nodes such as computers, access points, printers, and other network-connected devices.

- a) Motorola Rally
- b) Windows Rally
- c) Sony Rally
- d) All of the mentioned

Answer: b

9. Which of the following standard aims to create a searchable global registry of business services?

- a) ebXML
- b) eXST
- c) bXML
- d) none of the mentioned

Answer: a

10. Electronic Business using eXtensible Markup Language standard is maintained by _____ initiative.

- a) UN
- b) freebXM
- c) fbXM

d) all of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “MEMS”.

1. _____ Wireless operates services are based on a Wi-Fi Positioning System (WPS).
- a) Skydrive
 - b) Skyhook
 - c) SkyLook
 - d) None of the mentioned

Answer: b

2. Point out the wrong statement.
- a) MEMS stands for microelectromechanical systems
 - b) MEMS as a class can be between 1000 and 100000 micrometers in size
 - c) Several MEMS are packaged in smartphones
 - d) All of the mentioned

Answer: b

3. Which of the following system is constantly polling locations to update them and recalibrating data points to improve accuracy over time?
- a) WPS
 - b) GPS
 - c) XPS
 - d) All of the mentioned

Answer: c

4. Which of the following has a Java API that works with the Skyhook network?
- a) Looki
 - b) Look
 - c) Loki
 - d) All of the mentioned

Answer: c

5. Point out the correct statement.
- a) MEMS is a class of very small sensor or actuator devices where small mechanical systems are driven by electricity to indicate a position
 - b) The incorporation of low-cost geo-sensors in the form of GPS chips into mobile devices opens the mobile user to a whole range of services based on the client's location
 - c) The iPhone uses the proximity sensor to turn the screen off when a user puts the phone to his face

d) All of the mentioned

Answer: d

6. Which of the following service is an example of push technology?

- a) Automated software updates
- b) Comet
- c) HTTP streaming
- d) All of the mentioned

Answer: d

7. The IRC protocol and the XMPP IM and VoIP protocol are examples of _____ push technologies.

- a) P2P
- b) C2C
- c) B2B
- d) None of the mentioned

Answer: a

8. Which of the following transport protocol combined with XMPP can be used for push service?

- a) BOSH
- b) UOSH
- c) MOSH
- d) All of the mentioned

Answer: a

9. In the parlance of system design, the active transfer process is referred to as “push” and server is called _____

- a) CDN
- b) MDA
- c) MDB
- d) None of the mentioned

Answer: b

10. Which of the following push technology is similar to SMTP?

- a) Push-IMAP
- b) Pull-IMAP
- c) Push-POP3

d) All of the mentioned

Answer: a

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Synchronization”.

1. Which of the following is the most commonly used standard for performing synchronization?

- a) SyncML
- b) SMIL
- c) SML
- d) None of the mentioned

Answer: a

2. Point out the wrong statement.

- a) Data synchronization is an important Web service for mobile devices
- b) Contact, calendar, and information on devices often need to be synchronized between multiple systems
- c) SyncML is implemented using a SyncML server or alternatively as a SyncML hosted service
- d) None of the mentioned

Answer: d

3. Which of the following data type may be synchronized by SyncML?

- a) Files
- b) Memos
- c) Tasks
- d) All of the mentioned

Answer: d

4. Which of the following services is an example of an SMS gateway?

- a) Microsoft Live
- b) Direct to SMSC gateway
- c) Y-Mail service
- d) All of the mentioned

Answer: b

5. Point out the correct statement.

- a) The CnML protocol finds support in a number of products from major mobile software and hardware vendors
- b) The desktop-to-mobile sync application Windows Mobile Device Center allows a mobile client to synchronize to a desktop
- c) Desktop ActiveSync is not supported by some third-party mail servers

d) All of the mentioned

Answer: b

6. Which of the following allows you to attach sounds, pictures, icons, and even formatted text with your message?

- a) EMS
- b) SMS
- c) MMS
- d) All of the mentioned

Answer: a

7. Which of the following uses a combination of WAP and SMS for its transport?

- a) EMS
- b) SMS
- c) MMS
- d) All of the mentioned

Answer: c.

8. Which of the following protocol is used for transaction monitoring service based on a request/response mechanism?

- a) WTP
- b) WTLS
- c) WDP
- d) All of the mentioned

Answer: a

9. Which of the following public-key encryption methods is used for the same purpose as TLS?

- a) WTP
- b) WTLS
- c) WDP
- d) All of the mentioned

Answer: b

10. Which of the following provides unreliable data transport data formatting?

- a) WTP
- b) WTLS
- c) WDP
- d) WAE

Answer: c

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Context-Aware Services”.

1. When a mobile user is connected to the mobile service, how many sets of information is exchanged?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: b

2. Point out the wrong statement.

- a) Each mobile device contains and is capable of transmitting a large amount of information concerning the condition or state of the device and the user who carries the device
- b) Location is the prime example of context
- c) When we search for something near us, the search engine returns results that are independent of location
- d) All of the mentioned

Answer: b

3. Which of the following context contains information derived from measurements made from the mobile device or its sensors?

- a) Physical
- b) External
- c) Logical
- d) All of the mentioned

Answer: a

4. Which of the following context contains information derived from the user or from the manner in which the user has interacted with services over time?

- a) Physical
- b) External
- c) Logical
- d) All of the mentioned

Answer: c

5. Point out the correct statement.

- a) When a phone transmits its GPS coordinates to a service, that service may be able to compare that location to the customer's registered home address
- b) Only one mechanisms exist for aggregating WSDL documents into a searchable form

- c) AJAX is an OASIS standard that is searchable and is in the JSON format
- d) All of the mentioned

Answer: a

6. Which of the following provides a set of methods for using modules to construct loosely coupled complex systems from standard parts?
- a) SOA
 - b) OCCl
 - c) WCF
 - d) None of the mentioned

Answer: a

7. What is the role played by Web service in SOA?
- a) service consumer
 - b) service provider
 - c) service user
 - d) none of the mentioned

Answer: b

8. Which of the following plays the role of the orchestrator providing programmed logic that works with the data parsed by the Context Parser?
- a) Context Logic Processor
 - b) Context Physical Processor
 - c) Context View Processor
 - d) All of the mentioned

Answer: a

9. The specific ontology that applies to a mobile SOA is _____
- a) WOL
 - b) OWL
 - c) oXML
 - d) None of the mentioned

Answer: a

10. The concept of creating a structured representation of concepts and their relationship in a domain is referred to as _____
- a) analogy
 - b) ontology
 - c) generalization

d) all of the mentioned

Answer: b

This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Push Services”.

1. Which of the following allows an IMAP server to automatically keep a connection alive?
- a) P-IMAP
 - b) C-IMAP
 - c) I-IMAP
 - d) None of the mentioned

Answer: a

2. Point out the wrong statement.
- a) All push technologies used in mobile applications are server-based
 - b) Push email is the penultimate example of a push service
 - c) In push email, the service is always connected to the client, and it sends out to the client more or less immediately any new email that arrives at the server
 - d) All of the mentioned

Answer: a

3. Which of the following IMAP command is used to update and amounts to a heartbeat signal and response?
- a) EXIT
 - b) IDLE
 - c) CLOSE
 - d) All of the mentioned

Answer: b

4. Which of the following services uses push email?
- a) Apple MobileMe
 - b) Google Gmail
 - c) RIM's BlackBerry Enterprise Server
 - d) All of the mentioned

Answer: d

5. Point out the correct statement.
- a) The well-known email protocol POP3 is a polling protocol
 - b) IMAP cannot support both push and polling
 - c) Push-IMAP is a push technology, as is the SMTP protocol
 - d) All of the mentioned

Answer: a

6. Which of the following is an incorrect step in pushing blackberry service?
- a) Content provider sends a push request to the server
 - b) BlackBerry servers send a response back to the content provider
 - c) BlackBerry servers forward the acknowledgement to the content provider
 - d) All of the mentioned

Answer: d

7. Which of the following uses a set of email extensions to provide access to mobile devices?
- a) Black Profile
 - b) Lemonade Profile
 - c) B2B Profile
 - d) None of the mentioned

Answer: a

8. The Lemonade Profile is a specification of the _____ as RFC 5550.
- a) IETF
 - b) IETE
 - c) IETC
 - d) All of the mentioned

Answer: a

9. How many number of characters can be sent in a single message through SMS?
- a) 140
 - b) 200
 - c) 240
 - d) None of the mentioned

Answer: b

10. Which of the following allows longer messages to be sent using multiple packets containing a User Data Header that contains the segment number?
- a) Long SMS
 - b) Large SMS
 - c) Big SMS
 - d) All of the mentioned

Answer: a