



000-280

IBM

IBM Cloud Computing Infrastructure Architect V1

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Question: 1

Cloud architectures designed for service delivery and availability of services are extremely important. How is software failure within a cloud infrastructure environment handled? (Choose two.)

- A. Replace the failed node
- B. Restart the software image
- C. Use elastic ip addresses for consistent and re-mappable routes
- D. Allow the state of the system to re-sync by reloading messages from queues
- E. Design services with proper real time disaster recovery and stateful user context

Answer: D, E

Question: 2

Which term is used to describe a hypervisor running multiple operating systems simultaneously?

- A. Full virtualization
- B. Paravirtualization
- C. Partial virtualization
- D. Nested virtualization

Answer: D

Question: 3

What are two considerations before moving data to a public cloud? (Choose two.)

- A. A company must restructure all data to accommodate a public cloud data model.
- B. A company should analyze all legal and regulatory issues that pertain to the data.
- C. A company can safely assume that cloud services will replicate and backup all of their data.
- D. A company should encrypt all data so that they do not have to analyze legal and regulatory issues.
- E. A company should analyze data structure to see if they can take advantage of public cloud data models.

Answer: B, E

QUESTION: 4

What is a critical and unique component during the design and planning process for a cloud service?

- A. IT Service availability
- B. Business Service availability
- C. IT Infrastructure/Component availability
- D. IT Service and Infrastructure/Component availability

Answer: B

Question: 5

A customer wants to implement a private cloud solution and they are anticipating changes in their current virtualization operational model. Which virtualization configuration characteristic is affected by the implementation of cloud infrastructure?

- A. Higher latency
- B. Lower server utilization
- C. Higher demand/transient use

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D. Easier dependency/user management

Answer: C

Question: 6

What are two optimized workload characteristics supported by the IBM cloud portfolio? (Choose two.)

- A. Analytics
- B. Tightly-coupled
- C. Centralized message bus
- D. High-performance computing
- E. Structured related data model

Answer: A, D

Question: 7

A cloud infrastructure should be architected to accommodate which technical risks?

- A. Overflowing network buffers resulting in loss of data
- B. Termination of service by an internet service provider
- C. Fiber cable damage causing a failover to copper channels
- D. Unauthorized configuration changes to storage network devices

Answer: D

Question: 8

Which area of the current IT enterprise availability and redundancy components must be addressed in order to move to a cloud operational model?

- A. Server capacity to service capacity
- B. Workload availability to service availability
- C. Application availability to workload availability
- D. Server mean time between failures (mtbf) to service mtbf

Answer: C

Question: 9

Which technology is used in certain IBM WebSphere DataPower appliances to provide identity verification of public cloud endpoints and to securely transmit encrypted data between enterprise endpoints and public cloud endpoints in an integrated cloud environment?

- A. IBM Tivoli CloudBurst Appliance
- B. WebSphere CloudBurst Appliance
- C. WebSphere DataPower Secure Communicator
- D. WebSphere DataPower Secure Cloud Connector

Answer: D

Question: 10

A company is setting up a cloud environment to host several of their applications. These applications vary in importance and the company wants to ensure that the most business critical applications get the most resource. Which solution will help achieve this goal?

- A. WebSphere eXtreme Scale

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- B. WebSphere Business Events
- C. WebSphere Virtual Enterprise
- D. WebSphere Business Monitor

Answer: C

Question: 11

Which characteristic best describe the difference between Service Oriented Architecture (SOA) and cloud computing?

- A. Pay per use model
- B. Shared computing resources
- C. Soa exists within the firewall
- D. Leverage IT resources on demand

Answer: C

Question: 12

What is the collection and control point for alerts?

- A. Tivoli Enterprise Console
- B. Tivoli Enterprise Portal Server
- C. Tivoli Enterprise Monitoring Agent
- D. Tivoli Enterprise Monitoring Server

Answer: C

Question: 13

A company hosts office applications on a stand alone server in their data center. A recent spike in demand for one of their applications resulted in the denial of access to some potential users. Which characteristic of the cloud service delivery model would meet the fluctuating demands of the company's users?

- A. Service ubiquity
- B. Service elasticity
- C. Self-service access
- D. Usage-based billing

Answer: B

Question: 14

An enterprise wants to take advantage of cloud computing but retain control over the construction and delivery of all cloud-based services. Which cloud deployment model will meet their needs?

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

Answer: B

Question: 15

What are two methods that address both network infrastructure security and performance for a cloud computing environment? (Choose two.)

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- A. Encryption (SSL)
- B. Limiting network hops
- C. Network load balancing
- D. Denial of service prevention
- E. Intrusion detection and prevention

Answer: B, D

Question: 16

Which component is necessary to view monitoring reports for IBM Service Delivery Manager?

- A. Tivoli Enterprise Portal
- B. Tivoli Service Request Manager
- C. Tivoli Service Automation Manager
- D. WebSphere Administrative Console

Answer: A

Question: 17

Which IBM product implements metering capabilities?

- A. IBM Tivoli Monitoring
- B. IBM Tivoli Common Reporting
- C. IBM Tivoli System Automation
- D. IBM Tivoli Usage and Accounting Manager

Answer: D

Question: 18

Which storage infrastructure function provides benefit for public cloud computing?

- A. Metadata
- B. Multipath I/O
- C. Clustered trivial database
- D. Real time storage management

Answer: C

Question: 19

What are two key infrastructure components for data migration when planning a move to cloud? (Choose two.)

- A. Storage
- B. Network
- C. Monitoring
- D. Data mining
- E. High availability

Answer: A, B

Question: 20

A cloud service vendor provides business services such as human resources and payroll processing. They use Web interfaces on a shared infrastructure providing multi-tenant services without the need to manage or control the underlying resources. What type of cloud service is this company providing?

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- A. Platform as a Service
- B. Software as a Service
- C. Infrastructure as a Service
- D. Business Process as a Service

Answer: D

Question: 21

What is a critical driver for service outage resolution in a cloud environment?

- A. Business Service and Operating Level agreements
- B. Service Level Agreement and root-cause analysis procedures
- C. Operating Level Agreement and root-cause analysis procedures
- D. Business Service agreements and root-cause analysis procedures

Answer: B

Question: 22

An enterprise has migrated one of its Web-based database application to Amazon EC2 cloud with the database hosted in the cloud. Which action will help save ongoing costs for this enterprise application?

- A. The database is configured to use 200 MB less memory.
- B. The database is configured to generate uncompressed backups.
- C. The database is configured to drop temporary tables and indexes.
- D. The database is configured to use compression for the databases.

Answer: D

Question: 23

Which two components are part of Operational Support Services of the IBM Common Cloud Management Platform Reference Architecture?

- A. Provisioning
- B. Service Templates
- C. Service Offering Catalog
- D. Subscriber Management
- E. Service Operation Manager

Answer: A, B

Question: 24

A company is building a cloud environment and wants to create virtualized instances of WebSphere middleware to host their applications. Which solution provides this ability?

- A. WebSphere Cloud Platform
- B. WebSphere Virtual Enterprise
- C. WebSphere Application Server
- D. IBM Hypervisor Edition Images

Answer: D

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Question: 25

A public cloud infrastructure should be architected to accommodate which business risk?

- A. Over subscription of customers
- B. Legal and regulatory non-compliance
- C. Over achieving service levels committed to customers
- D. Increased investment in surplus network infrastructure

Answer: B

Question: 26

A company is creating a cloud environment consisting of hosts in multiple physical locations. Which network technology allows physically separated hosts to communicate in the same manner as if the company attached them to the same broadcast domain?

- A. IP Virtualization
- B. IP Masquerading
- C. Virtual Local Area Network
- D. Network Address Translation

Answer: C

Question: 27

What are the two main categories of management services required for delivering and managing cloud services? (Choose two.)

- A. Business Support Services
- B. Business Process Services
- C. Operational Support Services
- D. Sensor Management Services
- E. Information Analytics Services

Answer: A, C

Question: 28

Cloud computing enables the rapid provisioning of cloud-based services. What is a benefit of rapid service provisioning?

- A. Only used services are paid for
- B. Applications are developed faster
- C. Faster access to workload services
- D. There is no longer a need to plan for workload optimization

Answer: C

Question: 29

When designing for the protection of data stored in the cloud, including the deployment of firewall configurations, which two conditions must be included? (Choose two.)

- A. Deny access from untrusted sources or applications
- B. Map network interfaces and firewall locations for customer distribution
- C. Detect back-level personal firewall software on customer desktops and laptops
- D. Prohibit direct access from external interfaces into the restricted network zones
- E. Install personal firewall software on all active servers within the cloud infrastructure

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Answer: A, D

Question: 30

Which impact should a network infrastructure architect evaluate when planning for virtualization technologies in a cloud solution?

- A. Management complexity of ethernet patch panels
- B. Reduced link utilization due to resource consolidation
- C. Lower operational risk provided by higher volumes of virtual servers
- D. Network performance affected by load balancers and intrusion detection systems

Answer: D

Question: 31

A company is building a cloud environment to host applications. What kind of inter-component coupling is ideal for a cloud-based application?

- A. Tight coupling is ideal because intra-application messaging is difficult in a cloud environment.
- B. Tight coupling is ideal because the company can easily scale the entire application up or down.
- C. The degree of coupling is not a factor when considering an application's affinity for a cloud environment.
- D. Loose coupling is ideal because components of the application can independently scale based on need and impact on performance.

Answer: D

Question: 32

Which characteristic of cloud computing may prohibit a company from utilizing a public cloud offering?

- A. Metering
- B. Elasticity
- C. Self-service
- D. Resource pooling

Answer: D

Question: 33

Security in the network is enhanced by including which two services in the cloud infrastructure? (Choose two.)

- A. Intrusion prevention services
- B. Intelligent switch hardware that is self-healing
- C. Virtual network isolation to secure multi-tenant domains
- D. Auditing of file and file system ownership and permissions
- E. Dhcp with short term leases to make tracking IP addresses more difficult

Answer: A, C

Question: 34

What is a prerequisite for IBM Service Delivery Manager for Power Systems provisioning?

- A. vCenter
- B. PowerVM

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- C. VMControl
- D. IBM San Volume Controller

Answer: C

Question: 35

If the cloud management service tools detects storage is constrained for a cloud system, how would the cloud respond?

- A. Increase quota
- B. Archive and delete data
- C. Increase the alert threshold for filesystems
- D. Increase the filesystem size within the customer's sla limits

Answer: D

Question: 36

Which application profile is required for a successful cloud operational model?

- A. Decoupling
- B. XML and C++
- C. UDP Connectivity
- D. Scalable Computing

Answer: A

Question: 37

Which two reports are available as part of IBM Tivoli Usage and Accounting Manager? (Choose two.)

- A. Rate Report
- B. List All VMs
- C. Show All Users
- D. Run Total Invoice
- E. Failed Login Attempts

Answer: A, D

Question: 38

An enterprise is utilizing a cloud computing environment in which the infrastructure resides off premise, multiple users share access to the cloud services, and users access the cloud over the Internet. What is the name of this cloud deployment model?

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

Answer: A

Question: 39

Which IBM solution establishes the connectivity to on-premise applications and databases that reside behind the firewall during the integration of a cloud solution?

- A. IBM Tivoli Secure Connector

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- B. IBM Cast Iron Communicator
- C. IBM WebSphere Communicator
- D. IBM Cast Iron Secure Connector

Answer: D

Question: 40

The enterprise is using a hybrid cloud to deliver data services to the end user. The enterprise is also using the cloud to deliver data and services to the end user. When the end user interacts with the enterprise application, the enterprise accesses the cloud to retrieve and/or manipulate the data. The enterprise application returns the results to the end user. What is required of the enterprise to ensure regulatory compliance?

- A. Type of software kernel
- B. Location of image metadata
- C. Development of monitoring tools
- D. API for determining the location of the physical hardware

Answer: D

Question: 41

What is another name for the image repository?

- A. vCenter
- B. Managed node
- C. Service catalog
- D. Self-service portal

Answer: C

Question: 42

Which is an IBM product that is used to manage storage capacity for a cloud solution?

- A. IBM Tivoli Service Request Manager
- B. IBM Tivoli Storage Productivity Center
- C. IBM ILOG Optimization Decision Manager
- D. IBM System Storage SAN Volume Controller

Answer: B

Question: 43

The enterprise is using a hybrid cloud to deliver data services to the end user. The enterprise is also using the cloud to deliver data and services to the end user. When the end user interacts with the enterprise application, the enterprise accesses the cloud to retrieve and/or manipulate the data. The enterprise application returns the results to the end user. What is required for enterprise IT services to simplify the process of switching cloud providers?

- A. Collaboration
- B. Provisioning software
- C. Advanced virtualization
- D. Common apis for cloud storage and middleware

Answer: D

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Question: 44

IBM Tivoli Service Automation Manager extends provisioning capabilities with which cloud computing attribute?

- A. advanced monitoring
- B. secure network support
- C. release and reuse of assets
- D. virtualized storage allocation

Answer: C

Question: 45

Which cloud service model(s) are supported by the IBM Cloud Computing Management Platform Reference Architecture?1) Software as a Service (SaaS)2) Platform as a Service (PaaS)3) Infrastructure as a Service (IaaS)4) Business Process as a Service (BPaaS)

- A. 3
- B. 2 and 3
- C. 1, 2, and 3
- D. 1, 2, 3, and 4

Answer: D

Question: 46

Which type of system does a company need in order to construct and deliver cloud services without human intervention?

- A. Automation systems
- B. Virtualization systems
- C. Batch processing systems
- D. Business processing systems

Answer: A

Question: 47

Which service delivery model attribute of cloud computing must be incorporated in a public cloud implementation?

- A. Metering
- B. Scalability
- C. Multi-tenancy
- D. Rapid provisioning

Answer: A

Question: 48

Which two characteristics describe the cloud computing IT delivery model? (Choose two.)

- A. HTML
- B. Secure
- C. Shared
- D. Portal-based
- E. Service-based

Answer: C, E

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Question: 49

When planning the network infrastructure for a web application, what is a key approach to providing the fastest page load time?

- A. Deploy large volumes of virtual switches
- B. Interconnect multiple reputable internet service providers
- C. Ensure microsecond latency across the entire network fabric
- D. Utilize switches that are capable of real-time software upgrades

Answer: C

Question: 50

Which cloud characteristic is required to fully utilize pooled resources?

- A. Metering
- B. Reporting
- C. Self-service
- D. Automatic deprovisioning

Answer: D

Question: 51

What is the function of a hypervisor in a cloud solution?

- A. It emulates system calls.
- B. It provides full virtualization.
- C. It optimizes CPU and I/O performance.
- D. It provides the means to share a CPU with multiple operating systems.

Answer: A

Question: 52

Which characteristic describes application cloud readiness?

- A. Atomic transactions
- B. Single appliance workload
- C. Structured relational data models
- D. Centralized message-bus services

Answer: B

Question: 53

Which IT optimization characteristic is required for cloud computing?

- A. Center
- B. Standardization
- C. Ubiquitous network
- D. Transaction processing

Answer: B

Question: 54

What are two key IBM cloud workload definitions? (Choose two.)

- A. Security

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- B. Virtualization
- C. Collaboration
- D. Business process
- E. Infrastructure compute

Answer: C, E

Question: 55

Which two functions are part of the Business Support Services? (Choose two.)

- A. Order Management
- B. Subscriber Management
- C. Virtualization Management
- D. Monitoring and Event Management
- E. Configuration and Change Management

Answer: A, B

Question: 56

Which attribute of a private cloud deployment should be considered for the delivery model of highly regulated workloads?

- A. Test systems development
- B. Location awareness of data
- C. Batch processing throughput
- D. Production systems monitoring

Answer: B

Question: 57

What is a function of image management?

- A. Monitoring
- B. Request services
- C. Billing and metering
- D. Discover and deploy

Answer: D

Question: 58

Which IBM offering enables companies to rapidly connect on-premise applications with applications running in a public cloud?

- A. IBM Tivoli Cast Iron Cloud2
- B. IBM Tivoli Cast Iron Connection Manager
- C. IBM WebSphere Cast Iron Connection Manager
- D. IBM WebSphere DataPower Cast Iron Appliance

Answer: D

Question: 59

Which IBM offering provides single sign-on techniques for securing user access to applications and services deployed in a hybrid cloud environment while simplifying the cloud-based services integration using multiple forms of user credentials?

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- A. IBM Tivoli Security Policy Manager
- B. IBM Tivoli Federated Identity Manager
- C. WebSphere DataPower SOA Appliances
- D. IBM Security Virtual Server Protection for VMware

Answer: B

Question: 60

In which cloud deployment model do enterprises retain complete control over the construction and delivery of all cloud services?

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

Answer: B

Question: 61

What are two IT infrastructure architecture principles that must be followed when designing a cloud network infrastructure? (Choose two.)

- A. Wide area networks should be excluded to ensure system isolation.
- B. Always construct networks with three tiers to ensure routing capability.
- C. Design to accommodate shared networks with differentiated service levels.
- D. Networks must scale without adding complexity or sacrificing performance.
- E. Network intrusion detection should always be external to the cloud infrastructure.

Answer: C, D

Question: 62

Cloud Infrastructure security design should include which safeguarding principle against physical access?

- A. Fingerprinting
- B. Body scanners
- C. Metal detectors
- D. Closed circuit television

Answer: D

Question: 63

A company decides to make some development and application environments available as cloud services. What should they do to reduce the management overhead of the cloud service catalog?

- A. They should populate the cloud service catalog with standardized development and application environments.
- B. They should populate the cloud service catalog with the development and application environments that cost the most to build.
- C. They should populate the cloud service catalog with the development and application environments that require business rules.
- D. They should populate the cloud service catalog with the development and application environments utilized by a majority of users.

Answer: A

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Question: 64

What is the scope of the service management capabilities as part of IBM Cloud Computing Management Platform Reference Architecture?

- A. Public cloud only
- B. Hybrid cloud only
- C. Private cloud only
- D. Private, hybrid, and public cloud

Answer: D

Question: 65

How are CPU, memory, I/O, and disk allocated in a cloud infrastructure?

- A. CPU, memory, I/O, and disk are pooled.
- B. CPU, memory, and disk are pooled and I/O is dedicated.
- C. CPU and memory are pooled while disk and I/O are dedicated.
- D. Disk and memory are dedicated while CPU and memory are pooled.

Answer: A

Question: 66

Which three cloud reporting-related capabilities are delivered as part of IBM Tivoli Monitoring? (Choose three.)

- A. Workflows
- B. Custom queries
- C. Topology models
- D. Management plans
- E. Situations for event monitoring
- F. Reporting based on historical data

Answer: B, E, F

Question: 67

One characteristic of the cloud service delivery model is that instead of paying a fixed price for a service, users pay based on the amount of service that they consume. What is the name of this cloud characteristic?

- A. Service elasticity
- B. Self-service access
- C. Usage-based billing
- D. Service-based pricing

Answer: C

Question: 68

What is WebSphere Application Server Hypervisor Edition?

- A. It is a hypervisor optimized for running WebSphere software.
- B. It is a tool for managing virtual machines containing WebSphere Application Server instances.
- C. It is a virtual image that contains a complete middleware software stack optimized to run on hypervisors.
- D. It is a cloud management tool that allows a company to build, deploy, and manage middleware environments in a cloud.

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Answer: C

Question: 69

What is a benefit of implementing application code instrumentation, such as the ARM specification, in cloud computing to improve application management and monitoring functions?

- A. Measurement of customer experience
- B. Evidence of meeting service level agreements
- C. Improved business and operational service views
- D. Notification/escalation of alerts and automated restore of service

Answer: D

Question: 70

The enterprise is using a hybrid cloud to deliver data services to the end user. The enterprise is also using the cloud to deliver data and services to the end user. When the end user interacts with the enterprise application, the enterprise accesses the cloud to retrieve and/or manipulate the data. The enterprise application returns the results to the end user. What is required to implement the cloud service delivery model?

- A. Python runtime
- B. Partition mobility
- C. Secure data connector
- D. Open database connectivity

Answer: C

Question: 71

Four different business units would like to utilize a shared services environment. What is a key characteristic of a shared services environment?

- A. All application workloads utilize the same infrastructure
- B. All servers, workloads, and storage systems run on the same network
- C. The business units agree to coordinate their systems downtime activities
- D. The business units must have the same service level agreements in place

Answer: A

Question: 72

Which two requirements affect data expiration within a cloud? (Choose two.)

- A. Storage pooling
- B. Global de-duplication
- C. Contractual obligation with a client
- D. Maximum storage capacity reached
- E. Regulatory compliance (SOX/HIPPA)

Answer: C, E

Question: 73

Which network and SAN configuration/administration approaches will change when setting up a cloud infrastructure?

- A. Server, hypervisor, network, and SAN will be handled the same as always.

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- B. Network and SAN architecture will converge and be configured/managed centrally.
- C. Server, hypervisor, and SAN architecture will converge and be configured/managed centrally.
- D. Server, hypervisor, network, and SAN architecture will converge and be configured/managed centrally.

Answer: D

Question: 74

Which managed environment is supported by IBM Service Delivery Manager?

- A. Hyper-V
- B. Power Blades
- C. PowerVM for AIX
- D. PowerVM for IBM i

Answer: C

Question: 75

When setting up a cloud environment, a company decides to utilize storage virtualization that allows them to abstract multiple disk arrays and present them as a single storage resource. What is the name for this storage virtualization technique?

- A. Disk virtualization
- B. Block virtualization
- C. Disk array virtualization
- D. File system virtualization

Answer: B

Question: 76

When designing for the protection of data stored in the cloud, including the deployment of firewall configurations, which two conditions must be included? (Choose two.)

- A. Deny access from untrusted sources or applications
- B. Map network interfaces and firewall locations for customer distribution
- C. Detect back-level personal firewall software on customer desktops and laptops
- D. Prohibit direct access from external interfaces into the restricted network zones
- E. Install personal firewall software on all active servers within the cloud infrastructure

Answer: A, D

Question: 77

Automation is a critical component in cloud infrastructure architecture. Which two capabilities are a part of cloud automation services? (Choose two.)

- A. SAN/NAS
- B. Hypervisor
- C. Provisioning
- D. Virtualization
- E. Orchestration

Answer: C, E

Question: 78

What is a description of a dynamic storage service offering in the Cloud Service Catalog?

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- A. Seagate 50 GB Storage Drive with 32MB Cache
- B. 50 GB of local storage with a flat rate of \$100.00
- C. 2GB of SAN storage on an IBM Total Storage array connected redundantly with a variable rate of \$10.00 per MB used
- D. 1GB storage with 99.9% availability, backup once per night, and automatic increase/decrease of storage based on usage

Answer: D

Question: 79

Cloud infrastructure security design should address which common cloud management platform reference architecture requirement?

- A. Service offering catalog
- B. Data policy enforcement
- C. IT asset and license management
- D. Capacity and performance management

Answer: B

Question: 80

Which two security functions should be delivered by firewalls in a cloud network infrastructure installation? (Choose two.)

- A. Prevention of distributed denial of service
- B. Single user access for management operations
- C. Unified threat management such as antivirus and Web filtering
- D. Validation of network packet ownership against Active Directory
- E. Blocking hostname lookup of any system that is external to the cloud

Answer: A, C

Question: 81

Which IBM solution can manage the health and performance of a data center's resources as a Software as a Service solution?

- A. IBM Tivoli Provisioning Manager
- B. IBM Tivoli Live - monitoring services
- C. IBM Tivoli Service Automation Manager
- D. IBM Tivoli Composite Application Management Services

Answer: B

Question: 82

What type of overhead is incurred when a virtualized software is implemented in a cloud environment?

- A. I/O-intensive latency
- B. Transaction coherency
- C. Network-intensive latency
- D. Memory page over commit

Answer: D

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Certification	Certified Specialist	Total Questions:	98

Question: 83

Which feature is a core capability of IBM Service Delivery Manager?

- A. Includes prepackaged automation templates and workflows
- B. Prevents user access conflicts within organizational processes
- C. Collects traditional events as well business and operational data from virtually any source
- D. Offers real time tracking across transactions, applications, systems, networks, services, and processes

Answer: A

Question: 84

What are two functions a service provider must implement to ensure secure data handling within the cloud infrastructure? (Choose two.)

- A. Data encryption
- B. Isolation of tenant domains
- C. Run restricted shell for all users
- D. Virtual disk management with vio
- E. Use of read permission only on files

Answer: A, B

Question: 85

What is a design consideration for loosely coupled systems?

- A. Auto-scaling
- B. Using queues
- C. Bootstrapping
- D. Inter process communication

Answer: B

Question: 86

A virtual network solution ensures which capability?

- A. Automatic expiration of unused virtual network elements
- B. High availability without the need for connectivity redundancy
- C. Orchestration of deployment independent of network topology
- D. Transfer of vlan configuration with a migrated virtual server as the mac and ip address is persistent

Answer: D

Question: 87

A construction company has outsourced its IT operations (storage, hardware, servers, networking components, etc.) to a service provider. The service provider owns this equipment and is responsible for running and maintaining it. The construction company pays the service provider on a per-use basis. What type of cloud service is the construction company using?

- A. Platform as a Service
- B. Software as a Service
- C. Infrastructure as a Service
- D. Business Process as a Service

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Answer: C

Question: 88

What are two prerequisite components when setting up an environment for the WebSphere Cloudburst Appliance? (Choose two.)

- A. Storage
- B. Hypervisors
- C. Web servers
- D. Ldap servers
- E. Middleware servers

Answer: A,B

Question: 89

What are two benefits of the drill-down functionality of IBM Tivoli Usage and Accounting Manager? (Choose two.)

- A. Vendor management
- B. Change management
- C. Availability management
- D. Information management
- E. Portfolio and service planning

Answer: A, E

Question: 90

A company's business model relies on continually delivering new versions of their end-user applications to the marketplace. Which characteristic of the cloud computing service delivery model should improve the company's ability to deliver these newer version applications?

- A. Service elasticity
- B. Self-service access
- C. Usage-based billing
- D. Rapid service provisioning

Answer: D

Question: 91

Which capacity provisioning capabilities are required for a cloud operational environment?

- A. Provision new servers for new workloads
- B. Provision discrete ip network and san addresses
- C. Monitor server, storage, and network services through a single console
- D. Provision server, storage, and network into or within an existing infrastructure

Answer: D

Question: 92

What are two key consideration for application migration when planning a move to cloud infrastructure? (Choose two.)

- A. Ensure the application uses native code
- B. Ensure the application has a web front-end
- C. Ensure the application uses latest technology

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- D. Ensure the application uses open source software
- E. Ensure there is a loose coupling with other systems in the enterprise

Answer: B, E

Question: 93

Which monitoring component of cloud computing is available with IBM Cloudburst on Power?

- A. IBM Tivoli Access Manager
- B. IBM Systems Director Standard Edition
- C. IBM Tivoli Endpoint Manger for Power Monitoring
- D. IBM Tivoli Composite Application Manager for Applications

Answer: B

Question: 94

What type of technology enables insight into cloud resource utilization and allows companies to inventory and manage cloud infrastructure components?

- A. Cloud workflow request tools
- B. Cloud service automation tools
- C. Cloud service virtualization tools
- D. Cloud service management tools

Answer: D

Question: 95

An enterprise is utilizing a cloud computing environment. They own the infrastructure and are completely responsible for the management of all cloud services. What is the name of this cloud deployment model?

- A. Hybrid cloud
- B. Private cloud
- C. Shared private cloud
- D. Private managed cloud

Answer: B

Question: 96

Which capability will make it possible to migrate an enterprise application to a private cloud environment?

- A. elasticity of storage for the application
- B. hands-free maintenance for the application
- C. performance benchmark for the application
- D. Software as a Service enablement of the application

Answer: D

Question: 97

A company is transitioning many of their applications to a public cloud. Which statement is true concerning their application data and the public cloud?

- A. They can move application data to the public cloud without further analysis.

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- B. They cannot move application data to the public cloud because the files require too much space.
- C. They must modify all their applications because data access mechanisms in the public cloud are different.
- D. They should carefully analyze legal and regulatory concerns for application data before moving data to the public cloud.

Answer: D

Question: 98

Which two components are part of the Business Support Services of the IBM Common Cloud Management Platform Reference Architecture?

- A. Governance
- B. Entitlements
- C. User Interface
- D. Accounting and Billing
- E. Analytics and Reporting

Answer: B, D

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