Cloud Application Developer (Easy)

- 1. What does Iaas stand for?
 - A. Internet as a Service
 - B. Infrastructure as a Service
 - C. Integration as a Service
 - D. Infrastructure as a Solution

ANSWER: B

- 2. In the context of Cloud Foundry, what does automatic routing refer to?
 - A. Manually configuring routes for each application
 - B. Using AI to optimize network paths
 - C. Routing application traffic through a central server
 - D. Automatically creating internet-reachable routes for applications

ANSWER: D

- 3. Which of the following is a benefit of cloud computing?
 - A. Limited scalability
 - B. Fast resource access
 - C. Increased operational costs
 - D. Manual hardware management

ANSWER: B

- 4. Which IBM Cloud service provides tools for monitoring, analyzing, and optimizing cloud resources and applications?
 - A. IBM Cloud Pak for Application
 - B. IBM Cloud Security Advisor
 - C. IBM Cloud Monitoring
 - D. IBM Cloud Virtual Servers

ANSWER: C

- 5. What does a private cloud typically provide?
 - A. Free cloud services for public use
 - B. Resources exclusively for a single organization
 - C. Resources for multiple organizations
 - D. Only public access to data

ANSWER: D

- 6. In object storage, what role does metadata play?
 - A. It limits access to the data
 - B. It converts data into block format
 - C. It helps customize and optimize data retrieval and analysis
 - D. It organizes data into a hierarchical file structure

ANSWER: C

- 7. What are the benefits of deploying applications across multiple regions in IBM Cloud?
 - A. Simplified maintenance and reduced downtime
 - B. Improved security and reduced costs
 - C. Increased application resilience and reduced latency
 - D. Enhanced user interface and experience

ANSWER: C

- 8. Which of the following practices is important for increasing the reliability of a cloud system?
 - A. Ignoring system complexity
 - B. Implementing Site Reliability Engineering (SRE) practices
 - C. Minimizing security protocols
 - D. Limiting automation

ANSWER: D

- 9. How does IBM Cloud Foundry ensure high availability for applications?
 - A. By implementing chaos engineering practices
 - B. By using dedicated hardware resources
 - C. By supporting full high availability for applications
 - D. By limiting application deployments to a single data center

ANSWER: C

- 10. What is a significant challenge for organizations when moving from on-premise to cloud storage?
 - A. Reduced operational costs
 - B. Easy scalability
 - C. Data migration complexity
 - D. Increased storage capacity

ANSWER: C

- 11. Which IBM Cloud service can be used to analyze logs and monitor the health of a Cloud Foundry application deployed on Kubernetes?
 - A. IBM IoT Platform
 - B. IBM Watson Studio
 - C. IBM Log Analysis and IBM Cloud Monitoring
 - D. IBM Blockchain Platform

ANSWER: C

- 12. Which of the following is a public cloud provider?
 - A. Oracle
 - B. Dell
 - C. Amazon Web Services (AWS)
 - D. VMware

ANSWER: C

- 13. What does Cloud Computing offer?
 - A. Only hardware services
 - B. Local data storage and applications
 - C. Remote access to hardware and software resources
 - D. Only software services

ANSWER: C

- 14. What does IBM Cloud primarily offer?
 - A. Only Infrastructure as a Service (IaaS)
 - B. Software as a Service (SaaS) only
 - C. A combination of IaaS and PaaS
 - D. Only Platform as a Service (PaaS)

ANSWER: C

- 15. What are the three main types of cloud computing?
 - A. Global clouds, regional clouds, local clouds
 - B. Public clouds, private clouds, hybrid clouds
 - C. Managed clouds, dedicated clouds, shared clouds
 - D. Virtual clouds, physical clouds, hybrid clouds

ANSWER: B

- 16. Which of the following is a cloud service delivery model?
 - A. Hardware as a Service
 - B. Software as a Service
 - C. Network as a Service
 - D. Database as a Service

ANSWER: B

- 17. Which cloud storage type is often used for applications requiring low latency and high performance, such as databases?
 - A. Object storage
 - B. Block storage
 - C. Cold storage
 - D. File storage

ANSWER: B

- 18. How do hybrid cloud storage models benefit organizations with highly sensitive data?
 - A. By allowing the use of only public cloud storage for all data
 - B. By eliminating the need for on-premise storage
 - C. By providing flexibility to store sensitive data onpremise and less sensitive data in the cloud
 - D. By increasing latency for all data transactions

- 19. Which of the following is a key consideration when choosing a cloud storage provider for compliance with industry regulations?
 - A. Variety of services
 - B. Compliance support
 - C. Cost-effectiveness
 - D. Number of global data centers

- 20. What is the primary characteristic of SaaS?
 - A. Offering a development platform
 - B. Delivering software over the internet on a subscription basis
 - C. Providing physical servers for rent
 - D. Providing virtual machines and storage

ANSWER: B

- 21. Which of the following is often considered when assessing cloud security?
 - A. Data center location
 - B. Compliance with regulations
 - C. Cost of services
 - D. Service level agreements

ANSWER: B

- 22. Which service provides a way to monitor application performance in cloud environments?
 - A. IBM Log Analysis
 - B. IBM Watson Studio
 - C. IBM Blockchain Platform
 - D. IBM IoT Platform

ANSWER: A

- 23. What is the primary benefit of IBM Cloud for businesses?
 - A. Free access to all cloud services
 - B. Low-cost storage solutions
 - C. Most open and secure public cloud for business
 - D. No need for internet connectivity

ANSWER: C

- 24. What does IBM Cloud provide for managing and monitoring edge devices?
 - A. IBM Cloud Activity Tracker
 - B. IBM Edge Application Manager
 - C. IBM Cloud Log Analysis
 - D. IBM Watson IoT® Platform

ANSWER: D

- 25. How many categories of services are offered in IBM Cloud?
 - A. 14
 - B. 12
- C. 16
 - D. 18

ANSWER: C

- 26. What is the main purpose of a data center?
 - A. To centralize IT operations and equipment for data and application storage
 - B. To provide customer support
 - C. To manage customer service
 - D. To host marketing and sales data

- 27. Which scaling method is typically used to handle unpredictable or irregular traffic spikes?
 - A. Manual Scaling
 - B. Resource-Based Scaling
 - C. Schedule-Based Scaling
 - D. Vertical Scaling

- 28. Who is responsible for hardware maintenance in cloud computing?
 - A. The cloud vendor
 - B. The operating system provider
 - C. The local IT team
 - D. The user

ANSWER: A

- 29. Which IBM Cloud service is a PaaS for Java, Node, PHP, Python, Ruby, Swift, and Go applications?
 - A. IBM Cloud Functions
 - B. Cloud Foundry
 - C. IBM Cloud Code Engine
 - D. IBM Cloud Bare Metal Servers

ANSWER: B

- 30. What is the relationship between resiliency, robustness, and availability in cloud reliability architecture?
 - A. Resiliency is independent of system failures
 - B. Robustness has no impact on availability
 - C. Availability depends solely on the number of system components
 - D. Resiliency and robustness determine the availability of each component

ANSWER: D

- 31. What advantage does cloud computing offer in terms of accessibility?
 - A. Restricted access to data and applications
 - B. Broad network access from various devices
 - C. Limited geographic availability
 - D. Dependence on specific hardware for access

ANSWER: B

- 32. What is a key advantage of using semi-automated scaling compared to manual scaling?
 - A. It reduces manual labor and potential errors
 - B. It eliminates the need for virtual servers
 - C. It provides unlimited resources without cost implications
 - D. It does not require any pre-defined images

ANSWER: A

- 33. What is the primary function of IBM Cloud Activity Tracker?
 - A. Device management and monitoring
 - B. Dashboard to monitor and analyze events in IBM Cloud
 - C. Secure hardware to physically ship data to IBM Cloud
 - D. Traffic flow management for cloud applications

ANSWER: B

- 34. How many data centers does IBM Cloud have globally?
 - A. 60
 - B. 30
 - C. 50
 - D. 80

- 35. Which IBM Cloud service offers managed SQL database solutions?
 - A. IBM Cloud Databases for Redis
 - B. IBM Cloud Databases for MongoDB
 - C. IBM Cloud Databases for PostgreSQL
 - D. IBM Cloud Databases for Elasticsearch

ANSWER: C

- 36. Which feature of fault tolerance allows DHCP servers to handle conflicts when connected to the same IP subnet?
 - A. Load balancing
 - B. Redundancy
 - C. Backup servers
 - D. BootReplyDelay

ANSWER: A

- 37. What does IBM Cloud Kubernetes Service provide?
 - A. Serverless function runtime
 - B. Virtual desktops in the cloud
 - C. Container hosting with self-healing and horizontal scaling
 - D. Container storage and management

ANSWER: C

- 38. What is a key benefit of deploying IaaS bare metal servers or virtual servers on IBM Cloud?
 - A. Ability to manage user accounts
 - B. Reduced performance compared to on-premises servers
 - C. Accelerated performance with quick deployment
 - D. Limited integration with on-premises systems

ANSWER: C

- 39. Which of the following is true about vertical scalability?
 - A. It requires reboots and possibly adding physical components to servers
 - B. It is used to add more virtual servers to a pool
 - C. It involves adding more nodes to a cluster
 - D. It is less dynamic and usually handled automatically

ANSWER: A

- 40. When using IBM Cloud Auto Scaling, what happens if the load on the application decreases?
 - A. Existing instances are removed to save costs
 - B. Manual intervention is required to adjust resources
 - C. Resources are locked to prevent any changes
 - D. New instances are added to handle reduced load

ANSWER: A

- 41. Which service allows you to define and control your virtual networks in IBM public cloud?
 - A. Virtual servers
 - B. Kubernetes Service
 - C. Virtual private cloud (VPC)
 - D. Object storage

ANSWER: C

- 42. What are the primary components included in a data center's support infrastructure?
 - A. Environmental controls, power supplies, and cabling systems
 - B. Marketing tools and customer databases
 - C. Customer support and sales tracking
 - D. Data analytics and business intelligence tools

- 43. How does horizontal scaling contribute to increased reliability in cloud systems?
 - A. By increasing the robustness of components through load distribution
 - B. By simplifying maintenance windows
 - C. By reducing the number of system components
 - D. By automating failure monitoring

- 44. Which IBM Cloud service provides content caching and delivery?
 - A. IBM Cloud Certificate Manager
 - B. IBM Cloud Internet Services
 - C. IBM Cloud Backup
 - D. IBM Cloud Direct Link

ANSWER: B

- 45. What is fault tolerance in the context of cloud computing?
 - A. The ability to process data faster
 - B. The ability to handle unlimited workloads
 - C. The ability to reduce costs automatically
 - D. The ability to continue functioning during a partial failure

ANSWER: D

- 46. Which cloud service model is most suitable for minimizing operational costs while using web-based applications?
 - A. IaaS
 - B. PaaS
 - C. SaaS
 - D. NaaS

ANSWER: C

- 47. Which service is used to physically ship petabytes of data to IBM Cloud?
 - A. IBM Cloud Object Storage
 - B. IBM Cloud Mass Data Migration
 - C. IBM Cloud Block Storage
 - D. IBM Cloud File Storage

ANSWER: B

- 48. What does IBM Hyper Protect Crypto Services designed to do?
 - A. Provide a dashboard for security management
 - B. Store and process cryptographic keys in tamperresistant hardware
 - C. Manage encryption keys for IBM Cloud apps
 - D. Offer a single-tenant, dedicated instance to manage secrets

ANSWER: B

- 49. What does IBM Hyper Protect DBaaS specifically offer?
 - A. Managed in-memory key-value store
 - B. Managed PostgreSQL and MongoDB for sensitive data
 - C. Managed PCI-compliant JSON document store
 - D. Managed SQL database for enterprise applications

ANSWER: B

- 50. Which of these is NOT a type of cloud storage?
 - A. Block storage
 - B. Object storage
 - C. Process storage
 - D. File storage

- 51. Which programming languages are supported by IBM Cloud Foundry's runtimes?
 - A. Java, Node.js, PHP, Python, Ruby, Swift, Go
 - B. Java, C++, PHP, Ruby
 - C. HTML, CSS, JavaScript
 - D. C, C#, Swift, Python

- 52. What does the IBM Cloud Pak for Integration provide?
 - A. Operations management software with AI insights
 - B. Tools to connect all of your apps, data, and events
 - C. Management software for telco network operations
 - D. DevOps management tool with AI analysis and recommendations

ANSWER: B

- 53. Which IBM Cloud service provides physical or virtual private connections to IBM Cloud?
 - A. IBM Cloud Internet Services
 - B. IBM Cloud App ID
 - C. IBM Cloud Content Delivery Network
 - D. IBM Cloud Direct Link

ANSWER: D

- 54. Which of the following is a feature of the IBM Watson Discovery service?
 - A. Real-time text-to-speech conversion
 - B. API for translation with domain-specific models
 - C. Virtual agents customizable to any domain
 - D. Search and analytics engine that adapts to custom domains

ANSWER: D

- 55. What is the primary purpose of IBM Cloud Foundry?
 - A. To reduce internet latency
 - B. To facilitate the build and deployment of cloudnative applications
 - C. To enhance hardware performance
 - D. To provide high-speed networking

ANSWER: B

- 56. Which form of scalability involves adding or removing physical servers based on a forecast?
 - A. Manual Scaling
 - B. Semi-Automated Scaling
 - C. Elastic Scaling
 - D. Automated Scaling

ANSWER: A

- 57. What is cloud storage?
 - A. Storage devices physically located on-premise
 - B. Storage of data on personal computers
 - C. None of the above
 - D. Storage of data on the internet via a cloud provider

ANSWER: D

- 58. Which of the following is a measure of the percentage of time a system is available for use?
 - A. Availability
 - B. Resiliency
 - C. Robustness
 - D. Scalability

ANSWER: A

- 59. Which of the following is a benefit of cloud storage?
 - A. High initial cost
 - B. Limited access
 - C. Off-site management
 - D. Limited scalability

- 60. What does IBM Cloud Code Engine provide?
 - A. Serverless container hosting platform
 - B. Virtual servers for classic infrastructure
 - C. Kubernetes service
 - D. Hyper Protect Virtual Servers

- 61. In IBM Cloud, which service provides automation of application resource management?
 - A. IBM Watson AIOps
 - B. Turbonomic
 - C. IBM Watson Knowledge Studio
 - D. IBM Watson Assistant

ANSWER: B

- 62. What does scalability in cloud computing refer to?
 - A. The ability to store unlimited data
 - B. The ability to increase or decrease IT resources as needed
 - C. The ability to run applications on any device
 - D. The ability to access cloud resources offline

ANSWER: B

- 63. Which cloud model is hosted by a third-party provider and shared among multiple users?
 - A. Community cloud
 - B. Hybrid cloud
 - C. Private cloud
 - D. Public cloud

ANSWER: D

- 64. Which IBM Cloud service provides a toolkit to migrate on-premises data to the cloud?
 - A. IBM Cloud Schematics
 - B. IBM Aspera on Cloud
 - C. IBM Lift
 - D. IBM Cloud for Skytap Solutions

ANSWER: C

- 65. What distinguishes a public cloud from a private cloud in terms of ownership and access?
 - A. Public clouds are shared by multiple tenants, while private clouds are dedicated to a single tenant.
 - B. Private clouds allow free access, while public clouds charge fees.
 - C. Public clouds are owned by users and private clouds by vendors.
 - D. Public clouds always operate on-premises, while private clouds do not.

ANSWER: A

- 66. What does the term "pay-as-you-go" often refer to in public cloud services?
 - A. Free services offered by providers
 - B. Payments made only at the end of the year
 - C. Fixed subscription charges
 - D. Paying for services based on usage

ANSWER: D

- 67. What does the term "dedicated hardware" often refer to in private cloud services?
 - A. Virtualized hardware for multiple organizations
 - B. Hardware owned by the government
 - C. Hardware solely allocated to one organization
 - D. Shared physical resources among users

ANSWER: C

- 68. Which aspect of cloud computing contributes to its reliability?
 - A. Manual backup and recovery processes
 - B. Expensive and slow data recovery
 - C. Fast and less expensive backup and recovery
 - D. Limited data backup options

- 69. What security measures do cloud vendors typically offer?
 - A. Minimal security policies
 - B. A broad set of policies, technologies, and controls
 - C. User-dependent security protocols
 - D. Only physical security measures

- 70. What defines cloud computing?
 - A. Technology using remote servers to store and manage data
 - B. A method of storing data on physical hard drives
 - C. Securing data within a local network
 - D. Transferring data through physical mediums

ANSWER: A

- 71. Which of these is a key characteristic of cloud computing?
 - A. High upfront infrastructure costs
 - B. Limited scalability
 - C. Restricted accessibility
 - D. On-demand self-service

ANSWER:

- 72. Which service model allows users to develop, run, and manage applications without dealing with the underlying infrastructure?
 - A. Software as a Service (SaaS)
 - B. Function as a Service (FaaS)
 - C. Infrastructure as a Service (IaaS)
 - D. Platform as a Service (PaaS)

ANSWER: D

- 73. What is required for an IT system to be considered a hybrid cloud?
 - A. Only a single public cloud must be present.
 - B. It must be managed as a single environment using an integrated platform.
 - C. It must include both a bare-metal and a virtual environment.
 - D. It must be exclusively operated off-premises.

ANSWER: B

- 74. What characterizes the delivery of SaaS to users?
 - A. Installation through physical media
 - B. On-demand access via the internet
 - C. Exclusive access within a local network
 - D. Usage limited to specific devices

ANSWER: B

- 75. Which statement best describes the flexibility of hybrid cloud solutions?
 - A. Hybrid clouds can only connect public clouds.
 - B. Hybrid clouds provide flexibility and more deployment options by combining different environments.
 - C. Hybrid clouds are rigid and do not allow data sharing.
 - D. Hybrid clouds cannot include on-premises infrastructure.

ANSWER: E

- 76. How does IaaS differ from traditional web-hosting services?
 - A. IaaS allows for complete control and customization of virtual environments.
 - B. IaaS requires users to manage both hardware and software.
 - C. IaaS offers only a fixed set of resources.
 - D. IaaS provides only physical servers.

- 77. Which type of cloud storage organizes data into large volumes called "blocks"?
 - A. Volume storage
 - B. Object storage
 - C. Block storage
 - D. File storage

ANSWER: C

- 78. Which of the following is an example of a serverless database service?
 - A. Amazon DynamoDB
 - B. Google Cloud SQL
 - C. Azure SQL Database
 - D. Amazon RDS(Relational Database Service)

ANSWER: A

- 79. Who owns and manages the infrastructure in a hybrid cloud environment?
 - A. Managed by a consortium of organizations
 - B. Owned and managed by a single organization
 - C. Jointly owned by the users and cloud service provider
 - D. Managed by the government

ANSWER: C

- 80. In what way does cloud computing enhance productivity for IT teams?
 - A. By allowing focus on achieving business goals
 - B. By necessitating regular hardware upgrades
 - C. By increasing the need for software maintenance
 - D. By requiring more manual updates and patching

ANSWER: A

- 81. Which of the following is an example of a hybrid cloud deployment model?
 - A. VMware Cloud
 - B. Google Cloud Platform
 - C. AWS (Amazon Web Services)
 - D. Microsoft Azure

ANSWER: A

- 82. Which cloud storage model allows for a combination of on-premise storage and cloud storage, often used for critical and non-critical data?
 - A. Public cloud
 - B. Private cloud
 - C. Hybrid cloud
 - D. Federated cloud

ANSWER: C

- 83. Which method is commonly used to minimize latency issues in cloud storage?
 - A. Increase connection bandwidth
 - B. Reduce storage capacity
 - C. Store data locally only
 - D. Use older hardware

ANSWER: A

- 84. Who owns and manages a private cloud infrastructure?
 - A. Owned and managed by the cloud service provider
 - B. Jointly owned by the users
 - C. Owned by a single organization
 - D. Owned by the government

ANSWER: C

- 85. What is a key advantage of using PaaS for software development teams?
 - A. Direct management of server security
 - B. Elimination of the need to manage the underlying infrastructure
 - C. Access to custom-built hardware solutions
 - D. Full control over the physical hardware

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- 86. Which IBM Cloud service provides tools to integrate your apps through APIs and messaging?
 - A. IBM Event Streams
 - B. IBM Cloud Pak for Integration
 - C. IBM API Connect
 - D. IBM Lift

ANSWER: B

- 87. What distinguishes a multi-zone region from a single-zone region?
 - A. Multi-zone regions have multiple availability zones; single-zone regions have only one.
 - B. Multi-zone regions are available in fewer locations than single-zone regions.
 - C. Single-zone regions provide more storage options than multi-zone regions.
 - D. Multi-zone regions have one availability zone; single-zone regions have multiple availability zones.

ANSWER: A

- 88. Which type of load balancer operates at Layer 4(Transport Layer) of the OSI model and can balance traffic based on network and transport layer information?
 - A. Global Load Balancer(GLB)
 - B. Network Load Balancer(NLB)
 - C. Classic Load Balancer(CLB)
 - D. Application Load Balancer(ALB)

ANSWER: B

- 89. Which service in IBM Cloud enables automatic scaling of compute capacity for applications?
 - A. IBM Log Analysis
 - B. Auto-Scaling for IBM Cloud
 - C. IBM Cloud Monitoring
 - D. IBM Watson

ANSWER: B

- 90. Which IBM Cloud service provides raw IaaS power for processor-intensive workloads?
 - A. Virtual private cloud (VPC)
 - B. Bare metal servers
 - C. Kubernetes Service
 - D. Virtual servers

ANSWER: B

- 91. What does chaos testing aim to achieve in a cloud environment?
 - A. Monitor system performance in real-time
 - B. Reduce the number of system components
 - C. Deliberately test components to find breakpoints
 - D. Automate routine tasks

ANSWER: C

- 92. What type of cloud storage is ideal for storing unstructured data with customizable metadata?
 - A. Block storage
- B. File storage
 - C. Object storage
 - D. Table storage

ANSWER: C

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- 93. What is a potential disadvantage of using cloud storage?
 - A. Easy implementation
 - B. Lower initial cost
 - C. Security concerns
 - D. Unlimited scalability

- 94. Which service offers managed backup and recovery across multiple data centers?
 - A. IBM Cloud Backup
 - B. IBM Cloud Block Storage
 - C. IBM Cloud Mass Data Migration
 - D. IBM Cloud File Storage

- 95. What does IBM Cloud Pak for Data primarily focus on?
 - A. Tools to connect apps, data, and events
 - B. Operations management with AI insights
 - C. Data analysis, organization, and management
 - D. Management software for telco network operations

ANSWER: C

- 96. What does IBM Cloud Pak for Watson AIOps specifically offer?
 - A. Automation of business workflows
 - B. Managed SQL and NoSQL databases
 - C. DevOps management with AI analysis and recommendations
 - D. Security management and compliance

ANSWER: C

- 97. Which type of cloud storage is IBM Object Storage primarily used for?
 - A. Structured data
 - B. Unstructured data
 - C. Backup storage
 - D. Temporary data

ANSWER: B

- 98. At which level can fault tolerance be implemented by having backup network links and active elements?
 - A. Operating System Level
 - B. Network Level
 - C. DHCP Level
 - D. Physical Level

ANSWER: B

- 99. Which service is provided by IBM Cloud in the "Quantum" category?
 - A. IBM Quantum Lab
 - B. IBM Watson Machine Learning
 - C. IBM Streaming Analytics
 - D. IBM Blockchain Platform

ANSWER: A

- 100. What feature of IBM Cloud Foundry automatically places applications across multiple data centers for reliability?
 - A. Auto-Scaling
 - B. Automatic health management
 - C. Automatic placement
 - D. Access control

ANSWER: C

- 101. In IBM Cloud Auto Scaling, which of the following can be a trigger for scaling actions?
 - A. Number of employees
 - B. Geographic location
 - C. Company revenue
 - D. CPU percentage

ANSWER: D

- 102. Which of the following is NOT a characteristic of a private cloud?
 - A. Higher level of security and control
 - B. Limited accessibility over the internet
 - C. Shared infrastructure
 - D. Dedicated environment for a single organization

ANSWER: C

- 103. What is the primary use of IBM Cloud Pak for Data?
 - A. Data analysis, organization, and management
 - B. Management software for telco network operations
 - C. Tools to connect apps, data, and events
 - D. Operations management with AI insights

- 104. Which IBM Cloud service is designed for serverless function execution based on Apache OpenWhisk?
 - A. IBM Cloud Functions
 - B. IBM Cloud Virtual Servers for VPC
 - C. IBM Cloud Code Engine
 - D. IBM Hyper Protect Virtual Servers

- 105. What type of cloud storage organizes data into large volumes called "blocks"?
 - A. Object storage
 - B. File storage
 - C. Block storage
 - D. Volume storage

ANSWER: C

- 106. Which AWS service provides a scalable, fully managed NoSQL database?
 - A. Amazon DynamoDB
 - B. Amazon S3
 - C. AWS Lambda
 - D. Amazon Redshift

ANSWER: A

- 107. Which of the following is a key benefit of using Amazon S3 for storing data?
 - A. Low-latency data retrieval
 - B. Real-time data analytics
 - C. Automatic data encryption
 - D. Unlimited storage capacity

ANSWER: C

- 108. Which of the following is a characteristic of elastic scaling?
 - A. Automatically adjusts capacity based on demand
 - B. Requires manual configuration for each resource addition
 - C. Limited to physical servers only
 - D. Does not provide cost savings when removing resources

ANSWER: A

- 109. In which cloud storage model do companies maintain data on their own infrastructure but have the ability to access resources via the cloud?
 - A. Public cloud
 - B. Private cloud
 - C. Hybrid cloud
 - D. Distributed cloud

ANSWER: C

- 110. What is a key advantage of using cloud computing for businesses?
 - A. Unlimited data storage without cost
 - B. Instant access to resources without manual setup
 - C. Permanent ownership of cloud infrastructure
 - D. Complete control over physical hardware

ANSWER: B

- 111. What does the acronym "IAM" stand for in AWS?
 - A. Internet Access Management
 - B. Identity and Access Management
- C. Infrastructure Authentication Model
 - D. Intelligent Authorization Mechanism

ANSWER: B

- 112. Which AWS service can be used to host a static website?
 - A. AWS Lambda
 - B. Amazon EC2
 - C. Amazon S3
 - D. Amazon RDS

ANSWER: C

- 113. How does a hybrid cloud environment operate?
 - A. Exclusively on on-premise infrastructure
 - B. As a combination of public and private clouds
 - C. As a single public cloud environment
 - D. Only within a private datacenter

- 114. What AWS service allows you to create and manage virtual networks in the cloud?
 - A. AWS Direct Connect
 - B. Amazon Route 53
 - C. Amazon VPC
 - D. Amazon S3

ANSWER: C

- 115. What type of cloud environment does the term "dedicated cloud" refer to?
 - A. A public cloud within a private cloud
 - B. A private cloud managed by multiple users
 - C. A cloud within another cloud
 - D. A free-to-use cloud service

ANSWER: C

- 116. Which AWS service can be used to automatically scale EC2 instances based on demand?
 - A. Amazon Route 53
 - B. AWS Lambda
 - C. Amazon EC2 Auto Scaling
 - D. AWS Elastic Beanstalk

ANSWER: C

- 117. Which of the following is an example of SaaS?
 - A. Docker
 - B. Microsoft Azure
 - C. Google Docs
 - D. Amazon EC2

ANSWER: C

- 118. What does the "R" stand for in the AWS service "Amazon RDS"?
 - A. Real-time
 - B. Reliable
 - C. Redundant
 - D. Remote

ANSWER: C

- 119. How are cloud computing services typically charged?
 - A. Based on a flat monthly fee
 - B. Based on yearly contracts
 - C. Based on the number of users
 - D. Based on usage

ANSWER: D

- 120. Which service model offers the most flexibility in terms of infrastructure customization?
 - A. Software as a Service (SaaS)
 - B. Network as a Service (NaaS)
 - C. Platform as a Service (PaaS)
 - D. Infrastructure as a Service (IaaS)

ANSWER: D

- 121. What does the cloud environment provide to users for managing resources?
 - A. A physical interface
 - B. A dedicated local server
- C. An easily accessible online portal
 - D. Manual configuration tools

ANSWER: C

- 122. Which AWS service provides a fully managed, highly available relational database service?
 - A. Amazon Redshift
 - B. Amazon DynamoDB
 - C. AWS RDS
 - D. Amazon ElastiCache

ANSWER: C

- 123. What AWS service can be used to automatically backup and restore Amazon EC2 instances?
 - A. Amazon Glacier
 - B. AWS Backup
 - C. Amazon S3
 - D. Amazon Elastic Block Store (EBS)

- 124. What AWS service provides a scalable, fully managed NoSQL database?
 - A. Amazon S3
 - B. Amazon Redshift
 - C. AWS Lambda
 - D. Amazon DynamoDB

- 125. Which AWS service is used to launch and manage virtual servers in the cloud?
 - A. Amazon RDS
 - B. AWS Lambda
 - C. Amazon S3
 - D. Amazon EC2

ANSWER: D

- 126. Which IBM Cloud service provides a serverless container hosting platform?
 - A. IBM Cloud Virtual Servers for Classic Infrastructure
 - B. IBM Hyper Protect Virtual Servers
 - C. IBM Cloud Code Engine
 - D. IBM Cloud Kubernetes Service

ANSWER: C

- 127. Which IBM Cloud feature enables building your own AI models?
 - A. IBM Watson Language Translator
 - B. IBM Watson Assistant
 - C. IBM Watson Text to Speech
 - D. IBM Watson Studio

ANSWER: D

- 128. Which of the following is a method to minimize latency issues in cloud storage?
 - A. Reduce storage capacity
 - B. Store data locally only
 - C. Increase connection bandwidth
 - D. Use older hardware

ANSWER: C

- 129. What characteristic of a managed private cloud is correct?
 - A. It is managed entirely by the internal IT team.
 - B. It requires physical servers to be owned by the organization.
 - C. It is deployed and managed by a third-party vendor.
 - D. It is free to use for any organization.

ANSWER: C

- 130. What does Amazon S3 offer as a key benefit for storing data?
 - A. Low-latency data retrieval
 - B. Automatic data encryption
 - C. Unlimited storage capacity
 - D. Real-time data analytics

ANSWER: C

- 131. In India where IBM Cloud Data Center is?
 - A. Chennai
 - B. Bangalore
 - C. Mumbai
 - D. Hyderabad

ANSWER: A

- 132. What is the primary function of AWS Lambda?
 - A. To host virtual servers
 - B. To provide a relational database
 - C. To execute code in response to events
 - D. To store data in the cloud

ANSWER: C

- 133. What is the aim of the "Automation" principle in cloud best practices?
 - A. Increasing manual intervention in cloud operations
 - B. Streamlining and automating routine tasks
 - C. Reducing system availability
 - D. Relying solely on human decision-making

- 134. What does the practice of "Tagging Resources" in the cloud involve?
 - A. Eliminating resources to reduce clutter
 - B. Labeling resources for easy identification and management
 - C. Hiding resources from administrators
 - D. Removing access to resources for security reasons

- 135. In the Shared Responsibility Model, what does the cloud service provider (CSP) typically manage?
 - A. Application development and deployment
 - B. Physical infrastructure and data centers
 - C. Security of customer data and access management
 - D. Customer configurations and data encryption

ANSWER: B

- 136. What aspect of data protection falls under the responsibility of the cloud user in the Shared Responsibility Model?
 - A. Network infrastructure maintenance
 - B. Encryption of data in transit and at rest
 - C. Physical security of data centers
 - D. Server hardware upgrades

ANSWER: B

- 137. What security measure involves regularly updating and patching software and systems to mitigate vulnerabilities?
 - A. Regular Backups
 - B. Intrusion Detection
 - C. Patch Management
 - D. Penetration Testing

ANSWER: C

- 138. What is the purpose of implementing Multi-Factor Authentication (MFA) in cloud security?
 - A. Adding an extra layer of security by requiring multiple forms of verification
 - B. Providing single-step authentication for user access
 - C. Relying solely on passwords for user authentication
 - D. Allowing unrestricted access to resources

ANSWER: A

- 139. Which practice involves spreading workloads and data across multiple servers or regions?
 - A. Centralization
 - B. Segmentation
 - C. Consolidation
 - D. Decentralization

ANSWER: B

- 140. How does implementing Network Segmentation contribute to cloud security?
 - A. By isolating sensitive resources and limiting access to them
 - B. By consolidating all network traffic for easier monitoring
 - C. By exposing all resources openly for user access
 - D. By allowing unrestricted inter-network communication

ANSWER: A

- 141. Which security measure involves defining and implementing clear user access controls and permissions?
 - A. Network Address Translation (NAT)
 - B. Role-Based Access Control (RBAC)
 - C. Single Sign-On (SSO)
 - D. Security Group Management

- 142. What aspect of IBM Cloud emphasizes flexibility and ease of scaling resources?
 - A. AI-powered services
 - B. Integrated security solutions
 - C. Hybrid cloud capabilities
 - D. Elasticity in resource allocation

- 143. Which one of the following cloud concepts is related to sharing and pooling the resources?
 - A. Virtualization
 - B. Polymorphism
 - C. Abstraction
 - D. None of the mentioned

ANSWER: A

- 144. What is Software as a Service(SaaS)?
 - A. A cloud computing service that provides data analysis and visualization tools
 - B. A cloud computing service that provides virtualized computing resources, such as servers and storage
 - C. A cloud computing service that provides a development platform for building software applications
 - D. A cloud computing service that provides access to a software application over the internet

ANSWER: D

- 145. What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?
 - A. Soft Computing
 - B. Cloud Computing
 - C. Distributed Computing
 - D. Parallel Computing

ANSWER: B

- 146. Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as ______ resources to users.
 - A. Cloud
 - B. Virtual
 - C. Real
 - D. None of the mentioned

ANSWER: B

- 147. Which one of the following is a Cloud Platform by Amazon?
 - A. Azure
 - B. AWS
 - C. Cloudera
 - D. All of the mentioned

ANSWER: B

- 148. Which strategy ensures data security and confidentiality in the cloud?
 - A. Implementing strict access controls and encryption
 - B. Storing data without encryption
 - C. Allowing unrestricted access to data
 - D. Using weak authentication mechanisms

ANSWER: A

- 149. How many phases are present in Cloud Computing Planning?
 - A. 2
 - B. 3
 - C. 4
 - D. 5

ANSWER: B

- 150. Which one of the following refers to the user's part of the Cloud Computing system?
 - A. Management
 - B. Back End
 - C. Front End
 - D. Infrastructure

- 151. What does "Regular Security Audits" in cloud security refer to?
 - A. Daily firewall configuration changes
 - B. Periodic assessments and checks to identify vulnerabilities and compliance issues
 - C. Implementing real-time intrusion detection systems
 - D. Infrequent and irregular security checks

- 152. Which of the following is a responsibility of the cloud user in the Shared Responsibility Model?
 - A. Protecting physical servers and networking hardware
 - B. Managing and securing their applications and data
 - C. Monitoring overall cloud performance
 - D. Handling CSP's data backups and disaster recovery

ANSWER: B

- 153. What security measure involves defining and implementing clear user access controls and permissions?
 - A. Role-Based Access Control (RBAC)
 - B. Security Group Management
 - C. Network Address Translation (NAT)
 - D. Single Sign-On (SSO)

ANSWER: A

- 154. What is one primary concern regarding cloud computing security?
 - A. Inadequate scalability options
 - B. Data breaches and unauthorized access
 - C. Limited storage capacity
 - D. Lack of internet connectivity

ANSWER: B

- 155. Which security measure helps protect data transmitted between a user's device and a cloud service?
 - A. Data mirroring
 - B. Data deduplication
 - C. Data encryption
 - D. Data compression

ANSWER: C

- 156. What security mechanism helps prevent unauthorized access to cloud resources by verifying user identity?
 - A. Open access policies
 - B. Two-factor authentication
 - C. Shared credentials
 - D. Public key encryption

ANSWER: B

- 157. Which aspect of cloud computing security refers to the process of ensuring authorized access to resources?
- A. Confidentiality
 - B. Integrity
 - C. Authentication
 - D. Availability

ANSWER: C

- 158. What security measure helps maintain data consistency and accuracy within cloud storage?
 - A. Data integrity checks
 - B. Data compression techniques
 - C. Regular data backups
 - D. Redundant data storage

- 159. What is the primary purpose of Docker?
 - A. To virtualize hardware components
 - B. To containerize and deploy applications
 - C. To provide operating system-level virtualization
 - D. To manage network configurations

- 160. How do Docker containers differ from virtual machines (VMs)?
 - A. Containers have a larger footprint than VMs.
 - B. Containers use the host OS kernel, while VMs have their own kernel.
 - C. VMs provide better performance than containers.
 - D. Containers are not isolated like VMs.

ANSWER: B

- 161. What is the main benefit of using Docker containers in software development?
 - A. Increased hardware utilization
 - B. Enhanced CPU performance
 - C. Isolation of applications and dependencies
 - D. Streamlined network configuration

ANSWER: C

- 162. How do cloud service providers ensure data confidentiality and integrity?
 - A. Through shared account credentials
 - B. By allowing public access to all data
 - C. By implementing strict access controls and encryption
 - D. Through open access policies

ANSWER: C

- 163. Which Kubernetes component is responsible for scheduling containers on nodes?
 - A. kube-proxy
 - B. kube-apiserver
 - C. kube-controller-manager
 - D. kube-scheduler

ANSWER: D

- 164. What security aspect ensures that data is available and accessible to authorized users when needed?
 - A. Data privacy
 - B. Data redundancy
 - C. Data availability
 - D. Data encryption

ANSWER: C

- 165. Which IBM Cloud Block Storage type offers the highest IOPS(Input/ Output Operations Per Second)?
 - A. General-purpose block storage
 - B. Performance block storage
 - C. Endurance block storage
 - D. Standard block storage

ANSWER: B

- 166. What security measure helps in maintaining data consistency and accuracy within cloud storage?
 - A. Data integrity checks
 - B. Redundant data storage
- C. Regular data backups
 - D. Data compression techniques

ANSWER: A

- 167. Which command is used to list all running Docker containers?
 - A. docker containers
 - B. docker status
 - C. docker ps
 - D. docker list

ANSWER: C

- 168. What security practice helps mitigate risks associated with unauthorized data modification or deletion?
 - A. Access control lists
 - B. Data encryption
 - C. Regular data backups
 - D. Data mirroring

- 169. Which Kubernetes object ensures that a specified number of pod replicas are running at any given time?
 - A. Deployment
 - B. Pod
 - C. ReplicaSet
 - D. Service

- 170. How do cloud providers enhance security against distributed denial-of-service (DDoS) attacks?
 - A. By sharing system passwords
 - B. By exposing all network ports
 - C. By implementing firewalls and intrusion detection systems
 - D. By allowing unrestricted data transfer

ANSWER: C

- 171. What is the primary function of Kubernetes?
 - A. To orchestrate and manage containerized applications
 - B. To automate software development
 - C. To provide cloud-based storage solutions
 - D. To replace Docker containers

ANSWER: A

- 172. Which component in Docker is responsible for managing containers?
 - A. Docker Compose
 - B. Docker Registry
 - C. Docker Engine
 - D. Docker Swarm

ANSWER: C

- 173. What security measure helps protect data transmitted between a user's device and a cloud service?
 - A. Data mirroring
 - B. Data deduplication
 - C. Data encryption
 - D. Data compression

ANSWER: C

- 174. Which security measure involves ensuring user identities to prevent unauthorized access?
 - A. Open access policies
 - B. Two-factor authentication
 - C. Shared credentials
 - D. Public key encryption

ANSWER: B

- 175. What is the primary function of Kubernetes?
 - A. To provide cloud-based storage solutions
 - B. To orchestrate and manage containerized applications
 - C. To automate software development
 - D. To replace Docker containers

ANSWER: B

- 176. What is a load balancer?
 - A. A device that encrypts data in transit between two devices to ensure data security
 - B. A device that distributes network traffic across multiple servers to ensure that no single server becomes overloaded
 - C. A device that monitors network traffic to detect and prevent security threats
 - D. A device that provides network connectivity between multiple devices in a local area network (LAN)

ANSWER: B

- 177. What benefit does cloud computing offer in terms of innovation and experimentation?
 - A. Limits access to cutting-edge technologies
 - B. Promotes experimentation and innovation through easy access to new technologies
 - C. Restricts access to development tools
 - D. Decreases the flexibility of deployment

- 178. What is a Virtual private cloud?
 - A. A type of cloud computing that allows users to create a private, isolated section of the public cloud
 - B. A type of cloud computing that focuses on data analysis and visualization
 - C. A type of cloud computing that provides virtualized computing resources, such as servers and storage
 - D. A type of cloud computing that provides a development platform for building software applications

- 179. What is Software as a Service (SaaS)?
 - A. A cloud computing service that provides virtualized computing resources, such as servers and storage
 - B. A cloud computing service that provides data analysis and visualization tools
 - C. A cloud computing service that provides access to a software application over the internet
 - D. A cloud computing service that provides a development platform for building software applications

ANSWER: C

- 180. What does IBM Cloud Block Storage provide in terms of data management?
 - A. Ability to attach/detach storage dynamically
 - B. Automated data categorization
 - C. Automated file indexing
 - D. Automated data compression

ANSWER: A

- 181. Which IBM Cloud database service is a fully managed NoSQL document-based database?
 - A. Db2
 - B. Db2 Hosted
 - C. Db2 Warehouse
 - D. IBM Cloudant

ANSWER: D

- 182. What must you configure to allow your VPC to communicate to the internet?
 - A. Subnet
 - B. Region
 - C. Availability Zone
 - D. Internet Gateway

ANSWER: D

- 183. How many types of service model are mainly present in Cloud?
 - A. 4
 - B. 3
 - C. 2
 - D. 1

ANSWER: B

- 184. What is the difference between public and private cloud computing?
 - A. Private cloud computing is more scalable than public cloud computing
 - B. Public cloud computing is more secure than private cloud computing
 - C. Public cloud computing is only accessible to a single organization, while private cloud computing is available to anyone
 - D. Public cloud computing is more expensive than private cloud computing

ANSWER: C

- 185. Which IBM Cloud setup provides replication and resilience across multiple regions?
 - A. Single Zone
 - B. Data Center Cluster
 - C. Availability Zone
 - D. Multi-Zone

ANSWER: D

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186. What kind of virtual server type is in a single-tenant	190. What is a multi-zone region?
environment? A. Public	A. A region achieves 99.9 availability for your apps and services.
B. Reserved	B. A region that is comprised of 2 or more zones that
C. Dedicated	are independent from each other to ensure that single failure events affect only a single zone.
D. Transient	C. A region where you can host the power cooling,
ANSWER: C	compute, network, and storage resources for services and apps.
187. What is autoscaling?	D. A region that is comprised of 3 or more zones that are independent from each other to ensure that single failure events affect only a single zone.
A. A feature of cloud computing that allows users to	
easily manage and monitor their cloud resources B. A feature of cloud computing that allows applications to automatically scale up or down based on demand C. A feature of cloud computing that allows users to automatically provision virtualized computing resources, such as servers and storage	ANSWER: D
	191 provides virtual machines, virtual storage,
	virtual infrastructure, and other hardware assets.
	A. IaaS
D. A feature of cloud computing that allows users to	B. PaaS
store and analyze large amounts of data	C. All of the mentioned D. SaaS
ANSWER: B	ANSWER: A
कौशल	ALSWER. A
188. What security feature restricts access to data based on user identity and credentials?	192. Which command is used to start a Docker container?
A. Authentication	A. docker run
B. Encryption	B. docker up
C. Authorization	C. docker begin
D. Firewall	D. docker start
ANSWER: C	ANSWER: A
189 is a complete operating environment with applications, management, and user interface.	193 is a process that enables an operating system to respond to a failure in hardware or software.
A. PaaS	A. Fault Tolerance
B. IaaSC. All of the mentioned	B. Security
D. SaaS	C. Vertical Scalability
ANSWER: D	D. Horizontal Scalability
	ANSWER: A

- 194. What is the primary purpose of Docker?
 - A. To manage network configurations
 - B. To containerize and deploy applications
 - C. To virtualize hardware components
 - D. To provide an operating system-level virtualization

- 195. What does a VPC allow users to control within their cloud environment?
 - A. Network configurations and IP address ranges
 - B. Public internet traffic routing
 - C. Physical server access
 - D. Hypervisor-level optimizations

ANSWER: A

- 196. How does a VPC aid in resource optimization and cost management?
 - A. By providing free access to network monitoring tools
 - B. By limiting data transfer speeds for cost efficiency
 - C. By allowing users to allocate resources as needed and avoid over-provisioning
 - D. By consolidating virtual machines onto a single physical server

ANSWER: C

- 197. What is a primary advantage of using cloud databases over traditional on-premises databases?
 - A. Higher initial setup costs
 - B. Reduced maintenance and management overhead
 - C. Limited scalability options
 - D. Lower data security measures

ANSWER: B

- 198. Which feature makes cloud databases more scalable than traditional databases?
 - A. On-demand resource provisioning
 - B. Fixed network bandwidth
 - C. Hardware-based limitations
 - D. Limited storage capacity

ANSWER: A

- 199. How does a VPC differ from a traditional public cloud network?
 - A. VPCs provide limited scalability options.
 - B. VPCs offer greater control and isolation of resources.
 - C. VPCs have less secure data encryption.
 - D. VPCs lack multi-region availability.

ANSWER: B

- 200. How do cloud databases typically handle backups and disaster recovery compared to on-premises solutions?
 - A. Cloud databases lack disaster recovery options.
 - B. Cloud databases require manual backups.
 - C. Cloud databases offer automated backups and robust disaster recovery solutions.
 - D. Cloud databases have slower recovery times.

ANSWER: C

- 201. What is the significance of defining subnets within a VPC?
 - A. It enables network traffic mirroring.
 - B. It segments and organizes IP address ranges for resource allocation.
 - C. It facilitates dynamic load balancing of network traffic.
 - D. It allows for direct connections to external data centers.

- 202. Which term describes the capability of a VPC to interconnect multiple VPCs across different regions or environments?
 - A. VPC Routing
 - B. VPC Federation
 - C. VPC Integration
 - D. VPC Peering

- 203. In the context of IBM Cloud, how does a VPC contribute to enhanced security?
 - A. By encrypting all incoming and outgoing traffic
 - B. By implementing strict access control policies and isolation of resources
 - C. By providing hardware-based security modules
 - D. By routing traffic through external firewalls

ANSWER: B

- 204. What aspect of cloud databases contributes to their improved accessibility and collaboration?
 - A. Cloud databases enable easier remote access and concurrent usage.
 - B. Limited user access control
 - C. Slower data transfer rates
 - D. Geographical restrictions

ANSWER: A

- 205. What benefit do cloud databases offer in terms of global accessibility and reach?
 - A. Ability to access and update data from anywhere in the world

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- B. Limited geographic availability
- C. Higher data latency
- D. Slower data access times

ANSWER: A

- 206. Which factor contributes to the cost-effectiveness of cloud databases?
 - A. High initial hardware investments
 - B. Pay-as-you-go pricing models and reduced infrastructure maintenance costs
 - C. Fixed and upfront licensing fees
 - D. Limited scalability options

ANSWER: B

- 207. What distinguishes cloud databases in terms of resource allocation compared to traditional databases?
 - A. Dynamic resource provisioning based on demand
 - B. Fixed resource allocation
 - C. Limited resource scalability
 - D. No resource isolation

ANSWER: A

- 208. How does a VPC enable seamless integration between on-premises infrastructure and the cloud?
 - A. Virtualized networking protocols
 - B. Encrypted data tunnels
 - C. VPN (Virtual Private Network) connections
 - D. Virtualized load balancers

ANSWER: C

- 209. What aspect of a VPC enables seamless integration between on-premises infrastructure and the cloud?
 - A. VPN (Virtual Private Network) connections
 - B. Virtualized load balancers
 - C. Encrypted data tunnels
 - D. Virtualized networking protocols

- 210. How do cloud databases support businesses in handling unpredictable workloads?
 - A. By enforcing strict workload limitations
 - B. By dynamically adjusting resources to meet varying demands
 - C. By offering fixed resource capacities
 - D. By restricting concurrent user access

- 211. What does a VPC allow users to control within their cloud environment?
 - A. Network configurations and IP address ranges
 - B. Public internet traffic routing
 - C. Hypervisor-level optimizations
 - D. Physical server access

ANSWER: A

- 212. Which aspect of a VPC enables seamless integration between on-premises infrastructure and the cloud?
 - A. Virtualized load balancers
 - B. Encrypted data tunnels
 - C. VPN (Virtual Private Network) connections
 - D. Virtualized networking protocols

ANSWER: C

- 213. What is a primary advantage of using cloud databases over traditional on-premises databases?
 - A. Higher initial setup costs
 - B. Reduced maintenance and management overhead
 - C. Limited scalability options
 - D. Lower data security measures

ANSWER: B

- 214. What distinguishes cloud databases in terms of resource allocation compared to traditional databases?
 - A. Fixed resource allocation
 - B. Limited resource scalability
 - C. Dynamic resource provisioning based on demand
 - D. No resource isolation

ANSWER: C

- 215. What advantage does cloud computing offer in terms of data analytics and processing?
 - A. Decreases data storage capabilities
 - B. Reduces processing speed and efficiency
 - C. Provides scalable computing power for data analysis
 - D. Limits access to analytical tools

ANSWER: C

- 216. Which of the following is not a characteristic of cloud computing?
 - A. Broad network access
 - B. Limited scalability
 - C. On-demand self-service
 - D. Resource pooling

ANSWER: B

- 217. Which cloud computing component provides a virtualized environment for users to develop, test, and run applications?
 - A. Cloud platform
 - B. Cloud database
 - C. Cloud server
 - D. Virtual private network

ANSWER: A

- 218. What advantage does cloud computing offer in terms of testing and development?
 - A. Limits the scope of development environments
 - B. Requires physical testing environments
 - C. Provides on-demand and scalable testing environments
 - D. None

- 219. Which IBM Cloud service provides a suite of security tools and services for protecting cloud-based applications?
 - A. IBM Security Guardium
 - B. IBM Security Identity Governance
 - C. IBM Security Advisor
 - D. IBM Cloud Pak for Security

- 220. Which feature allows a computing system to dynamically adjust resources to meet changing demands?
 - A. Reliability
 - B. Scalability
 - C. Fault tolerance
 - D. Elasticity

ANSWER: D

- 221. Which of the following is not a major cloud computing provider?
 - A. Google Drive
 - B. Microsoft Azure
 - C. Amazon Web Services (AWS)
 - D. IBM Cloud

ANSWER: A

- 222. What IBM Cloud feature offers a service for managing encryption keys used to encrypt data?
 - A. IBM Cloud Security Advisor
 - B. IBM Key Protect
 - C. IBM Cloud Hyper Protect Crypto Services
 - D. IBM Cloud Secure Gateway

ANSWER: B

- 223. Which IBM Cloud service provides a virtual server environment that scales based on demand?
 - A. IBM Cloud Functions
 - B. IBM Cloud Foundry
 - C. IBM Cloud Kubernetes Service
 - D. IBM Cloud Virtual Servers

ANSWER: D

- 224. Which IBM Cloud Block Storage type is best suited for workloads requiring consistent, predictable performance?
 - A. Endurance block storage
 - B. Standard block storage
 - C. General-purpose block storage
 - D. Performance block storage

ANSWER: D

- 225. Which aspect of IBM Cloud Block Storage contributes to its high availability?
 - A. Automated encryption
 - B. Multi-zone replication
 - C. Data deduplication
 - D. On-demand provisioning

ANSWER: B

- 226. What feature of IBM Cloud Block Storage allows users to take point-in-time snapshots of their data?
 - A. Snapshot functionality
 - B. Automated backups
 - C. Continuous data replication
 - D. Automated tiering

ANSWER: A

- 227. What does VPC stand for in the context of IBM Cloud infrastructure?
 - A. Virtual Private Cloud
 - B. Virtualized Product Configuration
 - C. Virtualized Processing Center
 - D. Virtualized Personal Connection

- 228. What type of storage in IBM Cloud can be used to create an 'NFS Share'?
 - A. IBM Cloud File Storage
 - B. IBM Cloud Block Storage
 - C. IBM Cloud Object Storage
 - D. IBM Cloud Direct Attached Storage

- 229. What is the primary purpose of a Virtual Private Cloud (VPC) in cloud computing?
 - A. To create isolated network environments within a public cloud
 - B. To allocate physical servers for exclusive user access
 - C. To establish direct connections between different cloud providers
 - D. To facilitate hybrid cloud deployments

ANSWER: A

- 230. Which of the following best describes the main benefit of using a VPC?
 - A. Improved scalability and resource isolation
 - B. Reduced latency in data transmission
 - C. Enhanced data encryption at rest
 - D. Increased network bandwidth allocation

ANSWER: A

231. Which IBM Cloud service allows users to create conversational interfaces for applications?

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- A. IBM Cloud Pak for Integration
- B. IBM Watson Assistant
- C. IBM Watson Studio
- D. IBM Cloud Object Storage

ANSWER: B

- 232. What feature of IBM Cloud enables users to securely connect and manage resources across hybrid cloud environments?
 - A. IBM Cloud Functions
 - B. IBM Cloud Foundry
 - C. IBM Cloud Kubernetes Service
 - D. IBM Cloud Satellite

ANSWER: D

- 233. Which IBM Cloud setup ensures redundancy and resilience while spreading resources across different geographic regions?
 - A. Availability Zone
 - B. Data Center Cluster
 - C. Single Zone
 - D. Multi-Zone

ANSWER: D

- 234. Which of the following is NOT a characteristic of a private cloud?
 - A. Dedicated environment for a single organization
 - B. Shared infrastructure
 - C. Higher level of security and control
 - D. Limited accessibility over the internet

ANSWER: B

- 235. What is IBM Cloud Block Storage primarily used for?
 - A. Storing structured data in databases
 - B. Long-term archival of files
 - C. Serving as a backup repository
 - D. Storing unstructured data

- 236. What differentiates IBM Cloud Block Storage from Object Storage in terms of data access?
 - A. Object Storage offers file-based access
 - B. Block Storage offers RESTful API access
 - C. Object Storage offers block-level access
 - D. Block Storage offers object-based access

- 237. What is the term for the practice of using multiple cloud computing services in a single heterogeneous architecture?
 - A. Cloud integration
 - B. Cloud conglomeration
 - C. Cloud federation
 - D. Cloud amalgamation

ANSWER: C

- 238. What advantage does cloud computing offer in terms of accessibility?
 - A. Dependence on specific hardware for access
 - B. Limited geographic availability
 - C. Broad network access from various devices
 - D. Restricted access to data and applications

ANSWER: C

- 239. How does cloud computing impact environmental sustainability?
 - A. Reduces energy consumption and promotes efficiency
 - B. Increases carbon footprint due to increased data centers
 - C. Promotes deforestation for server installations
 - D. Limits recycling possibilities of hardware

ANSWER: A

- 240. What IBM Cloud feature facilitates the integration, deployment, and management of AI models in the cloud?
 - A. IBM Cloud Object Storage
 - B. IBM Cloud Pak for Integration
 - C. IBM Watson Assistant
 - D. IBM Watson Studio

ANSWER: D

- 241. In networking, what enables data to be transmitted to multiple destinations simultaneously, increasing fault tolerance?
 - A. Bandwidth
 - B. Latency
 - C. Load balancing
 - D. Redundancy

ANSWER: C

- 242. What cloud type is suitable for scenarios where some resources need to remain on-premises while others can be in the cloud?
 - A. Public cloud
 - B. Hybrid cloud
 - C. Community cloud
 - D. Private cloud

ANSWER: B

- 243. What is the primary advantage of IBM Cloud Block Storage over traditional on-premises storage solutions?
 - A. Greater scalability
 - B. Higher cost-effectiveness
 - C. Increased security
 - D. Lower latency

- 244. How does cloud computing enhance disaster recovery capabilities?
 - A. By restricting backup frequency
 - B. By relying solely on local backup systems
 - C. Through limited data replication options
 - D. By providing redundant data centers and geographic diversity

- 245. What does the acronym "SLA" stand for in cloud computing?
 - A. Secure Login Authentication
 - B. Service Level Agreement
 - C. System Limitation Access
 - D. Software Licensing Agreement

ANSWER: B

- 246. Which IBM Cloud feature provides a serverless compute service for building event-driven applications?
 - A. IBM Cloud Functions
 - B. IBM Cloud Virtual Servers
 - C. IBM Cloud Foundry
 - D. IBM Cloud Kubernetes Service

ANSWER: A

- 247. Which storage attribute ensures data availability even in the face of hardware failures?
 - A. Durability
 - B. Reliability
 - C. Elasticity
 - D. Scalability

ANSWER: A

- 248. How does IBM Cloud's "Availability Zone" architecture contribute to resilience?
 - A. It provides fault tolerance within a single data center.
 - B. It spreads resources across multiple countries.
 - C. It prioritizes high availability across various zones.
 - D. It ensures replication across different regions.

ANSWER: A

- 249. Which IBM Cloud Block Storage type is best suited for consistent, predictable performance at a fixed cost?
 - A. Performance block storage
 - B. General-purpose block storage
 - C. Standard block storage
 - D. Endurance block storage

ANSWER: A

- 250. What benefit does cloud computing offer in terms of maintenance and updates?
 - A. Limited support for software updates
 - B. Dependence on individual user's update schedule
 - C. Regular manual updates required for each user
 - D. Reduced need for manual maintenance and updates

ANSWER: D

- 251. What benefits does IBM Cloud's "Single Zone" infrastructure offer?
 - A. Data replication across multiple regions.
 - B. Increased fault tolerance within a single availability zone.
 - C. Enhanced redundancy within a single data center.
 - D. High availability across various data centers.

- 252. What technology allows multiple virtual machines to run on a single physical machine?
 - A. Switch
 - B. Firewall
 - C. Router
 - D. Hypervisor

- 253. Which cloud computing model offers the highest level of control and customization?
 - A. Hybrid Cloud
 - B. Private Cloud
 - C. Community Cloud
 - D. Public Cloud

ANSWER: B

- 254. Which IBM Cloud service provides tools for monitoring, analyzing, and optimizing cloud resources and applications?
 - A. IBM Cloud Monitoring
 - B. IBM Cloud Security Advisor
 - C. IBM Cloud Pak for Application
 - D. IBM Cloud Virtual Servers

ANSWER: A

- 255. Which IBM Cloud Block Storage type is designed for sustained high performance workloads?
 - A. General-purpose block storage
 - B. Performance block storage
 - C. Endurance block storage
 - D. Standard block storage

ANSWER: B

- 256. Which of the following architecture does Docker uses?
 - A. Master-slave
 - B. peer to peer
 - C. Client-Server
 - D. Layered

ANSWER: C

- 257. What is the maximum capacity offered by IBM Cloud Block Storage?
 - A. 10 TB
 - B. 100 TB
 - C. 50 TB
 - D. 500 TB

ANSWER: D

- 258. How does IBM Cloud Block Storage contribute to data resilience?
 - A. By mirroring data across multiple regions
 - B. Via automated snapshots and backups
 - C. Through automatic encryption of data at rest
 - D. By enforcing strict access control policies

ANSWER: B

- 259. Which IBM Cloud Block Storage type is suitable for workloads with varying performance requirements?
 - A. General-purpose block storage
 - B. Endurance block storage
- C. Standard block storage
 - D. Performance block storage

ANSWER: A

- 260. What benefit does cloud computing provide in terms of global reach?
 - A. Provides global accessibility and reach
 - B. Increases network latency
 - C. Limits access to specific regions
 - D. Restricts access to specific time zones

ANSWER: A

- 261. What is a primary security concern associated with cloud computing?
 - A. Lack of vendor lock-in
 - B. Data privacy and compliance
 - C. Decreased network latency
 - D. Limited accessibility

- 262. Which tool is commonly used for source code version control in DevOps?
 - A. Docker
 - B. Jenkins
 - C. Git
 - D. Ansible

ANSWER: C

- 263. What is the goal of Continuous Integration (CI) in DevOps?
 - A. To manually test applications
 - B. To automate the process of integrating code changes
 - C. To deploy applications directly to production
 - D. To create isolated development environments

ANSWER: B

- 264. What is cloud computing?
 - A. The use of personal computers to store and process data
 - B. The use of mobile devices to store and process data
 - C. The use of remote servers to store, manage, and process data
 - D. The use of local servers to store and process data

ANSWER: C

- 265. What are the key components of DevOps?
 - A. All of the mentioned
 - B. Continuous Testing
 - C. Continuous Integration
 - D. Continuous Delivery & Monitoring

ANSWER: A

- 266. Which IBM Cloud Block Storage type offers the highest IOPS (Input/Output Operations Per Second)?
 - A. General-purpose block storage
 - B. Performance block storage
 - C. Standard block storage
 - D. Endurance block storage

ANSWER: B

- 267. What is the primary objective of IBM Cloud's "Multi-Zone" setup?
 - A. High fault tolerance within a single data center
 - B. Replication and resilience across multiple regions
 - C. Geographic dispersion across continents
 - D. Enhanced redundancy across various zones

ANSWER: B

- 268. In IBM Cloud, what does the term "Region" signify?
 - A. A single availability zone with high fault tolerance
 - B. A collection of data centers in different countries
 - C. An isolated location within a country
 - D. A single data center with multiple availability zones

ANSWER: A

- 269. Which feature ensures high durability and availability in IBM Cloud Block Storage?
 - A. Automated snapshots
 - B. Redundant storage architecture
 - C. Multi-region replication
- D. Automated encryption

ANSWER: B

- 270. Which of the following is a key advantage of cloud computing?
 - A. Increased hardware dependency
 - B. Limited accessibility
 - C. On-demand resource provisioning
 - D. Reduced scalability

ANSWER: C

- 271. What does IBM Cloud's "Single Zone" Infrastructure primarily emphasize?
 - A. Local redundancy within a single data center
 - B. High availability across multiple regions
 - C. Geographical dispersion across continents
 - D. Redundancy across multiple data centers

- 272. How does cloud computing contribute to faster deployment of applications and services?
 - A. By providing instant access to resources and tools
 - B. By requiring physical installation on each device
 - C. Through complex deployment procedures
 - D. By limiting compatibility with different platforms

- 273. Which aspect of cloud computing enhances collaboration and remote work?
 - A. Restricted data sharing capabilities
 - B. Dependence on physical office environments
 - C. Enhanced sharing and real-time collaboration features
 - D. Limited communication tools

ANSWER: C

- 274. What cloud type involves infrastructure shared by several organizations with common concerns, such as security or compliance requirements?
 - A. Community Cloud
 - B. Public Cloud
 - C. Private Cloud
 - D. Hybrid Cloud

ANSWER: A

- 275. What IBM Cloud offering ensures the confidentiality and integrity of data stored in the cloud using encryption and key management?
 - A. IBM Cloud Security Advisor
 - B. IBM Key Protect
 - C. IBM Cloud Secure Gateway
 - D. IBM Cloud Hyper Protect Crypto Services

ANSWER: D

- 276. How does cloud computing impact the upgrade cycle of software and applications?
 - A. Reduces the need for manual updates and maintenance
 - B. Increases the frequency of manual updates
 - C. Limits access to software upgrades
 - D. Slows down the deployment of new features

ANSWER: A

- 277. Which type of organizations typically utilize hybrid clouds?
 - A. Government agencies only
 - B. Small startups exclusively
 - C. Educational Institutions solely
 - D. Large enterprises with diverse needs

ANSWER: D

- 278. What is a primary benefit that attracts organizations to adopt private cloud services?
 - A. Higher resource sharing among multiple organizations
 - B. Unrestricted access from any location
 - C. Enhanced control and compliance with specific regulations
 - D. Lower security standards compared to public clouds

ANSWER: C

- 279. Which of the following is a characteristic of a private cloud?
 - A. Isolated resources for a single organization
 - B. Shared resources among multiple organizations
 - C. Scalable for any user on the internet
 - D. Lower security compared to other models

- 280. What defines a hybrid cloud?
 - A. A cloud accessible to the general public over the internet
 - B. A cloud exclusively for government use
 - C. Integration of multiple public and private cloud environments
 - D. A cloud located in remote and inaccessible areas

ANSWER: C

- 281. What is a primary benefit that attracts organizations to adopt public cloud services?
 - A. Total control over infrastructure
 - B. Low initial investment
 - C. Restricted scalability
 - D. Limited geographical reach

ANSWER: B

- 282. What term describes using multiple cloud services to manage workloads?
 - A. Cloud sourcing
 - B. Cloud aggregation
 - C. Cloud bundling
 - D. Multi-cloud

ANSWER: D

- 283. Which cloud model gives more control over resources and infrastructure to an organization?
 - A. Community Cloud
 - B. Private Cloud
 - C. Public Cloud
 - D. Hybrid Cloud

ANSWER: B

- 284. Which of the following is a characteristic of a hybrid cloud?
 - A. Lower security compared to other cloud models
 - B. Shared resources among multiple organizations
 - C. Flexibility in workload distribution
 - D. Isolated resources for a single organization

ANSWER: C

- 285. What does the term "seamless integration" often refer to in hybrid cloud services?
 - A. Complicated security protocols
 - B. Smooth data and application portability between environments
 - C. Difficult integration between public and private clouds
 - D. Separate and isolated management interfaces

ANSWER: B

- 286. Which of the following is an example of a well-known IaaS provider?
 - A. Salesforce
 - B. Oracle Cloud
 - C. Microsoft Azure
 - D. Heroku

ANSWER: C

- 287. What advantage does a hybrid cloud primarily offer?
 - A. Enhanced security compared to other models
 - B. Cost-effectiveness due to shared infrastructure
 - C. Greater flexibility in managing workloads
 - D. Complete isolation of resources

ANSWER: C

- 288. What advantage does SaaS primarily offer to users?
 - A. High upfront infrastructure costs
 - B. Limited accessibility from remote locations
 - C. Reduced maintenance and automatic updates
 - D. Complete control over software customization

ANSWER: C

- 289. What is a potential challenge or concern related to using a public cloud?
 - A. Limited availability of resources
 - B. Security and privacy risks
 - C. Higher control over data
 - D. Lower cost compared to private clouds

- 290. What advantage does a private cloud primarily offer?
 - A. Cost-effectiveness due to shared infrastructure
 - B. Higher scalability for diverse users
 - C. Enhanced control and security over resources
 - D. Flexibility in resource sharing

ANSWER: C

- 291. What does PaaS stand for in cloud computing?
 - A. Program as a System
 - B. Platform as a Service
 - C. Protocol as a Service
 - D. Platform and Software

ANSWER: B

- 292. What defines a public cloud?
 - A. A cloud located in a public area
 - B. Exclusively for government use
 - C. Accessible to the general public over the internet
 - D. Accessible only to a specific organization

ANSWER: C

- 293. What defines a private cloud?
 - A. Accessible only to a specific organization
 - B. A cloud located in a private physical location
 - C. Exclusively for government use
 - D. Accessible to the general public over the internet

ANSWER: A

- 294. What advantage does a public cloud offer?
 - A. Higher security compared to other models
 - B. Complete control over resources
 - C. Cost-effectiveness due to shared infrastructure
 - D. Limited accessibility

ANSWER: C

- 295. What is a common security concern in cloud computing?
 - A. Reduced scalability
 - B. Limited data accessibility
 - C. Vendor lock-in
 - D. Increased control over data

ANSWER: C

- 296. Which IBM Cloud service provides a platform for managing and monitoring edge devices?
 - A. IBM Cloud Activity Tracker
 - B. IBM Cloud Log Analysis
 - C. IBM Edge Application Manager
 - D. IBM Watson IoT® Platform

ANSWER: D

- 297. Which deployment model allows for resources shared between several organizations?
 - A. Public Cloud
 - B. Hybrid Cloud
 - C. Private Cloud
 - D. Community Cloud

ANSWER: D

- 298. What is a key benefit of live migration in virtualization?
 - A. Enhancing data encryption
 - B. Minimizing downtime during maintenance
 - C. Reducing power consumption
 - D. Improving user authentication

ANSWER: B

- 299. What is the main advantage of virtualization in a cloud environment?
 - A. Increased network bandwidth
 - B. Enhanced physical security
 - C. Improved software compatibility
 - D. Decreased hardware costs

ANSWER: D

- 300. What security advantage does virtualization offer in cloud environments?
 - A. Enhanced physical access control
 - B. Isolation between virtual machines
 - C. Improved perimeter security measures
 - D. Decreased encryption overhead

- 301. What does a hypervisor do in virtualization technology?
 - A. Allocates IP addresses
 - B. Encrypts data in transit
 - C. Controls virtual machines
 - D. Manages network traffic

ANSWER: C

- 302. What is a primary advantage of using virtual appliances in cloud environments?
 - A. Increased hardware dependency
 - B. Limited scalability options
 - C. Simplifies deployment and management
 - D. Decreased reliance on hypervisors

ANSWER: C

- 303. What is a key advantage of using serverless architecture?
 - A. Higher level of control over server configurations
 - B. Reduced operational overhead and infrastructure management
 - C. Elimination of vendor lock-in
 - D. Lower latency in data processing

ANSWER: B

- 304. In serverless computing, what is the billing model typically based on?
 - A. The time servers are actively running
 - B. The amount of data processed
 - C. The amount of code executed and resource consumption
 - D. The number of active users

ANSWER: C

- 305. Which layer of cloud architecture is primarily responsible for managing virtualized resources?
 - A. Network Layer
 - B. Application Layer
 - C. Platform Layer
 - D. Infrastructure Layer

ANSWER: D

- 306. What is a virtual machine (VM)?
 - A. A physical computer
 - B. A mobile device
 - C. A software-based emulation of a physical computer
 - D. A server operating system

ANSWER: C

- 307. Which AWS service integrates with load balancers to automatically scale the number of instances based on incoming traffic?
 - A. AWS Lambda
 - B. AWS Route 53
 - C. AWS Auto Scaling
 - D. AWS CloudFront

ANSWER: C

- 308. What defines a public cloud?
 - A. A cloud located in a private physical location
 - B. Accessible to the general public over the internet
 - C. A cloud exclusively for government use
 - D. Accessible only to a specific organization

ANSWER: B

- 309. How does virtualization contribute to resource optimization in the cloud?
 - A. By efficiently utilizing physical resources
 - B. By increasing hardware dependency
 - C. By limiting software scalability
 - D. By restricting network access

- 310. Which feature in VPC allows you to control inbound and outbound traffic to AWS instances?
 - A. NAT Gateways
 - B. Security Groups
 - C. VPN Connections
 - D. Subnets

- 311. Which type of virtualization technology allows multiple virtual machines to run on a single physical machine?
 - A. Server Virtualization
 - B. Application Virtualization
 - C. Storage Virtualization
 - D. Network virtualization

ANSWER: A

- 312. What advantage does a private cloud primarily offer?
 - A. Enhanced control and security over resources
 - B. Higher scalability for diverse users
 - C. Cost-effectiveness due to shared infrastructure
 - D. Flexibility in resource sharing

ANSWER: A

- 313. Which of the following is a benefit of using multiple subnets within a VPC?
 - A. All of the above
 - B. Enhanced security
 - C. Better performance
 - D. Improved fault tolerance

ANSWER: A

- 314. Which of the following is another name for the system virtual machine?
 - A. Real machine
 - B. Hardware virtual machine
 - C. Software virtual machine
 - D. None of the mentioned

ANSWER: B

- 315. The technology used to distribute service requests to resources is referred to as
 - A. Load balancing
 - B. Load scheduling
 - C. Load performing
 - D. All of the mentioned

ANSWER: A

- 316. What defines a private cloud?
 - A. A cloud located in a public area
 - B. Exclusively for government use
 - C. A cloud accessible only to a specific organization
 - D. Accessible to the general public over the internet

ANSWER: C

- 317. What is the primary function of a load balancer in a network infrastructure?
 - A. To manage internal network communication
 - B. To evenly distribute incoming traffic across multiple servers
- C. To secure the network from external threats
 - D. To optimize internet bandwidth

ANSWER: B

- 318. What is the primary benefit of using serverless architecture in terms of cost?
 - A. Upfront payment for server resources
 - B. Pay-as-you-go billing based on resource usage
 - C. Predictable fixed pricing
 - D. Bulk discounts on resource consumption

ANSWER: B

- 319. What is the purpose of health checks in a load balancer configuration?
 - A. To ensure servers are running and available to handle traffic
 - B. To monitor server resource utilization
 - C. To prioritize specific types of traffic
 - D. To encrypt incoming traffic

- 320. In virtualization, what is a host system?
 - A. The operating system running on a remote server
 - B. The main operating system running on a physical machine
 - C. The operating system installed on a virtual machine
 - D. The operating system running on a mobile device

- 321. What is the difference between a monolithic and microservices architecture?
 - A. Monolithic architecture is a group of small, simple services, while microservices are large, complex services.
 - B. Monolithic architecture is a single, large, complex service, while microservices are small, autonomous services.
 - C. Monolithic architecture is a single, small, simple service, while microservices are large, complex services.
 - D. Monolithic architecture is a group of large, complex services, while microservices are small, autonomous services.

ANSWER: B

- 322. What are some benefits of using microservices?
 - A. Flexibility
 - B. Scalability
 - C. Resilience
 - D. All of the mentioned

ANSWER: D

- 323. What is the benefit of virtualization?
 - A. Increased IT productivity, efficiency, agility, and responsiveness.
 - B. All of Mentioned
 - C. Faster provisioning of applications and resources.
 - D. Reduced capital and operating costs.

ANSWER: B

- 324. What are the features of Kubernetes?
 - A. All of the mentioned
 - B. Auto-scalable infrastructure
 - C. Containerized infrastructure
 - D. Higher density of resource utilization

ANSWER: A

- 325. Which type of load balancer operates at Layer 4 (Transport Layer) of the OSI model and can balance traffic based on network and transport layer information?
 - A. Global Load Balancer (GLB)
 - B. Application Load Balancer (ALB)
 - C. Network Load Balancer (NLB)
 - D. Classic Load Balancer (CLB)

ANSWER: C

- 326. What type of cloud storage is IBM Object Storage primarily used for?
 - A. Unstructured data
 - B. Temporary data
 - C. Structured data
 - D. Backup storage

ANSWER: A

- 327. _____ is the property of a cloud to grow or shrink capacity for CPU, memory, and storage resources to adapt to the changing demands of an organization.
 - A. Resiliency
 - B. Elasticity
 - C. Scalability
 - D. None