	Test taker's answer	a	Correct	r	Incorrect	=	Partial Credit

a 1) Which AWS service or feature enables the establishment of a dedicated network connection between an organization's on-premises data center and the AWS Cloud?
- **a)** AWS Direct Connect
- b) VPC peering
- c) AWS VPN
- d) Amazon Route 53

r 2) Which of the following enables an application running on an Amazon EC2 instance to write data securely to an Amazon S3 bucket without the need for long-term credentials?
- a) Amazon Cognito
- b) AWS Shield
- c) AWS IAM role
- **d)** AWS IAM user access key

a 3) Which AWS security service protects applications against distributed denial of service threats by providing continuous detection and automated inline mitigations?
- a) Amazon Inspector
- b) AWS Web Application Firewall (AWS WAF)
- c) Elastic Load Balancing (ELB)
- **d)** AWS Shield

r 4) What are the advantages of utilizing Amazon Web Services managed services such as Amazon ElastiCache and Amazon Relational Database Service (Amazon RDS)?
- a) They require the customer to monitor and replace failing instances.
- **b)** They have better performance than customer-managed services.
- c) They simplify patching and updating underlying OSs.
- d) They do not require the customer to optimize instance type or size selections.

a 5) A business requires an increase in the response time for high-volume queries to its relational database.
Which AWS service should the business use to offload requests to the database and thereby reduce overall response times?
- **a)** Amazon DynamoDB Accelerator (DAX)
- b) Amazon ElastiCache
- c) Elastic Load Balancing
- d) AWS Global Accelerator

a   6) Which AWS service level agreement includes a dedicated Technical Account Manager?

    a) Developer

    b) Enterprise

    c) Business

    d) Basic

r   7) Which component of the AWS global infrastructure is comprised of one or more distinct data centers, each with redundant power, networking, and connectivity, and located in their own facility?

    a) AWS Regions

    b) Availability Zones

    c) Edge locations

    d) Amazon CloudFront

a   8) Which of the following Reserved Instance (RI) pricing schemes results in the greatest average savings over On-Demand pricing?

    a) One-year, No Upfront, Standard RI pricing

    b) One-year, All Upfront, Convertible RI pricing

    c) Three-year, All Upfront, Standard RI pricing

    d) Three-year, No Upfront, Convertible RI pricing

a   9) Which AWS service is used to pay AWS bills, track consumption, and manage budget costs?

    a) AWS Billing and Cost Management

    b) Consolidated billing

    c) Amazon CloudWatch

    d) Amazon QuickSight

a   10) Which of the following Amazon EC2 pricing structures enables users to leverage pre-existing server-bound software licenses?

    a) Spot Instances

    b) Reserved Instances

    c) Dedicated Hosts

    d) On-Demand Instances

r   11) Which of the following benefits is accessible for Convertible Reserved Instances but NOT for Standard Reserved Instances?

    a) The instances can be exchanged for instances of a different instance size.

    b) The instances can be exchanged for instances of a different instance family.

    c) The instances can be changed to a different Availability Zone.

    d) The instances can be changed to a different AWS Region.

r 12) Which of the following services is a MySQL-compatible database that expands storage automatically as needed?

    a) Amazon Elastic Compute Cloud (Amazon EC2)

    b) Amazon Relational Database Service (Amazon RDS) for MySQL

    c) Amazon Lightsail

    d) Amazon Aurora

a 13) What is the MINIMUM level of AWS Support that includes dedicated Technical Account Managers?

    a) Enterprise

    b) Business

    c) Developer

    d) Basic

a 14) Which of the following relationships between regions, Availability Zones, and edge locations is correct?

    a) Data centers contain regions.

    b) Regions contain Availability Zones.

    c) Availability Zones contain edge locations.

    d) Edge locations contain regions.

r 15) What is the AWS customer's share of duty under the AWS shared responsibility model?

    a) Physical access controls

    b) Data encryption

    c) Secure disposal of storage devices

    d) Environmental risk management

a 16) What is the MINIMUM AWS Support plan level that provides access to the AWS Support API for users?

    a) Developer

    b) Enterprise

    c) Business

    d) Basic

a 17) Which AWS service allows customers to monitor for certain words, values, or patterns and configure alerts based on metrics?

    a) AWS IQ

    b) Amazon Comprehend

    c) AWS CloudTrail

    d) Amazon CloudWatch Logs

a 18) Which AWS service or resource facilitates the connection of on-premises applications to AWS Cloud-based storage and caches data locally for low-latency access?

    a) AWS Direct Connect

    b) AWS Storage Gateway

    c) Amazon S3

    d) AWS Snowball Edge

r 19) Which AWS infrastructure deployment model brings AWS computing, storage, database, and other select services closer to end-users, allowing for the execution of latency-sensitive applications?

    a) AWS Regions

    b) Availability Zones

    c) Local Zones

    d) Edge locations

a 20) Which pricing model results in the most savings on Amazon Elastic Compute Cloud (Amazon EC2) for a database server that must be available for one year?

    a) Spot Instance

    b) On-Demand Instance

    c) Partial Upfront Reserved Instance

    d) No Upfront Reserved Instance

r 21) Which AWS function or service allows for the collection of data about incoming and outgoing traffic in an AWS VPC infrastructure?

    a) AWS Config

    b) VPC Flow Logs

    c) AWS Trusted Advisor

    d) AWS CloudTrail

r 22) Which design principles should be taken into account while architecting for the AWS Cloud?

    a) Think of servers as non-disposable resources

    b) Use synchronous integration of services

    c) Design loosely coupled components

    d) Implement the least permissive rules for security groups

a   23) A user is running an application on Amazon Web Services (AWS) and observes that one or more AWS-owned IP addresses are being used in a distributed denial-of-service (DDoS) assault.
Whom should the user first contact in this situation?
- a) AWS Premium Support
- b) AWS Technical Account Manager
- c) AWS Solutions Architect
- **d)** AWS Abuse team

r   24) Which AWS service identifies security groups that provide unlimited Internet access to a limited number of ports?
- a) AWS Organizations
- b) AWS Trusted Advisor
- c) AWS Usage Report
- **d)** Amazon EC2 dashboard

r   25) How should users go if they want to deploy an application in geographically remote areas?
- a) Install the application using multiple internet gateways.
- b) Deploy the application to an Amazon VPC.
- c) Deploy the application to multiple AWS Regions.
- **d)** Configure the application using multiple NAT gateways.

a   26) Which form of AWS storage is considered ephemeral and is automatically erased when an instance is stopped or terminated?
- a) Amazon EBS
- **b)** Amazon EC2 instance store
- c) Amazon EFS
- d) Amazon S3

a   27) Which AWS container service will assist the customer with the installation, operation, and scaling of the cluster management infrastructure?
- a) Amazon Elastic Container Registry (Amazon ECR)
- b) AWS Elastic Beanstalk
- **c)** Amazon Elastic Container Service (Amazon ECS)
- d) Amazon Elastic Block Store (Amazon EBS)

r 28) Which Amazon S3 storage class is optimal for providing access to data that has lower resilience requirements but requires quick access in certain circumstances, such as duplicate backups?

a) Amazon S3 Standard

b) Amazon S3 Glacier Deep Archive

c) Amazon S3 One Zone-Infrequent Access

d) Amazon S3 Glacier

a 29) Which of the following is a software development framework that enables businesses to specify cloud resources as code and then deploy them using AWS CloudFormation?

a) AWS CLI

b) AWS Developer Center

c) AWS Cloud Development Kit (AWS CDK)

d) AWS CodeStar

r 30) Which pillar of the AWS Well-Architected Framework requires timely resource provisioning and scaling as required to sustain effectiveness as demand changes?

a) Cost optimization

b) Security

c) Operational excellence

d) Performance efficiency

a 31) Which of the Reserved Instance (RI) pricing models allows for modification of the RI's characteristics as long as the exchange results in the production of RIs of equal or higher value?

a) Dedicated RIs

b) Scheduled RIs

c) Convertible RIs

d) Standard RIs

a 32) Which AWS service is used to evaluate the costs of hosting an application on-premises vs running it on the AWS Cloud?

a) AWS Trusted Advisor

b) AWS Simple Monthly Calculator

c) AWS Total Cost of Ownership (TCO) Calculator

d) Cost Explorer

a   33) Which of the following statements accurately defines a security best practice that may be executed using AWS IAM?

   a) Disable AWS Management Console access for all users

   b) Generate secret keys for every IAM user

   c) Grant permissions to users who are required to perform a given task only

   d) Store AWS credentials within Amazon EC2 instances

a   34) Which AWS service offers a straightforward and scalable shared file storage solution for use with AWS and on-premises Linux servers?

   a) Amazon S3

   b) Amazon Glacier

   c) Amazon Elastic Block Store (Amazon EBS)

   d) Amazon Elastic File System (Amazon EFS)

a   35) An external auditor has demanded that a business produce a list of all IAM users, along with the status of each user's credentials and access keys.
   What is the MOST SIMPLE method of delivering this information?

   a) Create an IAM user account for the auditor, granting the auditor administrator permissions.

   b) Take a screenshot of each user›TM€s page in the AWS Management Console, then provide the screenshots to the auditor.

   c) Download the IAM credential report, then provide the report to the auditor.

   d) Download the AWS Trusted Advisor report, then provide the report to the auditor.

a   36) How should a user deploy an application across geographically distinct locations?

   a) Deploy the application in different placement groups.

   b) Deploy the application to a VPC.

   c) Deploy the application to multiple AWS Regions.

   d) Deploy the application by using Amazon CloudFront.

r   37) Which of the following is an Amazon Web Services (AWS) database service?

   a) Amazon Redshift

   b) Amazon Elastic Block Store (Amazon EBS)

   c) Amazon S3 Glacier

   d) AWS Snowball

a   38) Utilizing AWS Config to track, audit, and analyze changes to AWS resources in order to provide traceability is an example of which pillar of the AWS Well-Architected Framework?

   a) Security
   b) Operational excellence
   c) Performance efficiency
   d) Cost optimization

r   39) Which AWS service serves as a data extraction, transformation, and loading (ETL) tool, simplifying the process of preparing data for analytics?

   a) Amazon QuickSight
   b) Amazon Athena
   c) AWS Glue
   d) AWS Elastic Beanstalk

a   40) Which AWS service enables manual instance creation based on resource requirements?

   a) Amazon EBS
   b) Amazon S3
   c) Amazon EC2
   d) Amazon ECS

a   41) A business wishes to utilize an AWS service to monitor the health of application endpoints and to redirect traffic to healthy regional endpoints in order to increase application availability.
   Which service will meet these criteria?

   a) Amazon Inspector
   b) Amazon CloudWatch
   c) AWS Global Accelerator
   d) Amazon CloudFront

a   42) Which of the following technologies enables a secure network connection between on-premises and Amazon Web Services (AWS)?

   a) Virtual Private Network
   b) AWS Snowball
   c) Amazon Virtual Private Cloud (Amazon VPC)
   d) AWS Mobile Hub

a   43) A user must adhere to compliance and software licensing requirements that require a
workload to be physically housed on a server. Which Amazon EC2 instance pricing model
will satisfy these criteria?
  a) Dedicated Hosts
  b) Dedicated Instances
  c) Spot Instances
  d) Reserved Instances

r   44) Which AWS Well-Architected Framework pillar incorporates the AWS shared responsibility
model?
  a) Operational excellence
  b) Performance efficiency
  c) Reliability
  d) Security

a   45) Which AWS service enables the management of a PostgreSQL database for online
transaction processing (OLTP)?
  a) Amazon DynamoDB
  b) Amazon Athena
  c) Amazon RDS
  d) Amazon EMR

a   46) Which AWS service is intended to assist customers who want to use machine learning for
natural language processing (NLP) but lack prior machine learning experience?
  a) Amazon Comprehend
  b) Amazon SageMaker
  c) AWS Deep Learning AMIs (DLAMI)
  d) Amazon Rekognition

r   47) Which AWS services make use of AWS edge locations? (Select two.)
  a) Amazon CloudFront
  b) AWS Shield
  c) Amazon EC2
  d) Amazon RDS
  e) Amazon ElastiCache

r   48) Which of the following BEST describes the Amazon Web Services (AWS) pricing model? (Select two.)
    a) Fixed-term
    b) Pay-as-you-go
    c) Colocation
    d) Planned
    e) Variable cost

a   49) Which of the following AWS Global Infrastructure components consists of one or more separate data centers linked through low latency links?
    a) Availability Zone
    b) Edge location
    c) Region
    d) Private networking

a   50) A business wants to develop new application workloads on the AWS Cloud rather than on-premises resources. What costs may be saved by using the AWS Cloud?
    a) The cost of writing custom-built Java or Node .js code
    b) Penetration testing for security
    c) hardware required to support new applications
    d) Writing specific test cases for third-party applications.

a   51) Which Amazon Web Services offering offers risk audits of an AWS account by monitoring and documenting user activity and source IP addresses?

    a) AWS X-Ray
    b) AWS Shield
    c) AWS Trusted Advisor
    d) AWS CloudTrail

r   52) Which Amazon RDS feature is most appropriate for achieving high availability?
    a) Multiple Availability Zones
    b) Amazon Reserved Instances
    c) Provisioned IOPS storage
    d) Enhanced monitoring

a   53) Which AWS service enables the detection of unintentional data breaches including personally identifiable information (PII) and user credential data?

    a) Amazon GuardDuty

    b) Amazon Inspector

    c) Amazon Macie

    d) AWS Shield

r   54) A user needs to prepare a report that summarizes the status of the AWS account's major security checks. The report must contain the following:
    The status of Amazon S3 bucket permissions.
    Whether multi-factor authentication is enabled for the AWS account root user.

    If any security groups are set to enable unlimited access, this will be shown.
    Where can I get all of this information in one place?

    a) Amazon QuickSight dashboard

    b) AWS CloudTrail trails

    c) AWS Trusted Advisor report

    d) IAM credential report

a   55) Which tool allows users who do not have an AWS account to estimate the cost of almost all AWS services?

    a) Cost Explorer

    b) TCO Calculator

    c) AWS Budgets

    d) Simple Monthly Calculator

r   56) Which Amazon Web Services (AWS) service would you utilize to receive compliance reports and certificates?

    a) AWS Artifact

    b) AWS Lambda

    c) Amazon Inspector

    d) AWS Certificate Manager

r   57) Which of the following is a benefit of AWS's consolidated billing?

    a) Volume pricing qualification

    b) Shared access permissions

    c) Multiple bills per account

    d) Eliminates the need for tagging

r   58) Which of the following may be used by an Amazon Web Services (AWS) client to create a
new Amazon Relational Database Service (Amazon RDS) cluster?
a) AWS Concierge
b) AWS CloudFormation
c) Amazon Simple Storage Service (Amazon S3)
d) Amazon EC2 Auto Scaling
e) AWS Management Console

a   59) Which of the following security measures safeguards an AWS account's access? (Select
two.)
a) Enable AWS CloudTrail.
b) Grant least privilege access to IAM users.
c) Create one IAM user and share with many developers and users.
d) Enable Amazon CloudFront.
e) Activate multi-factor authentication (MFA) for privileged users.

a   60) Which Amazon EC2 pricing model is the MOST cost-effective for a non-stop workload that
runs for 24 hours once a year?
a) On-Demand Instances
b) Reserved Instances
c) Spot Instances
d) Dedicated Instances

r   61) Which of the following statements is true about the AWS Well-Architected Framework's
pillars? (Select two.)
a) Multiple Availability Zones
b) Performance efficiency
c) Security
d) Encryption usage
e) High availability

a   62) Which of the following is a benefit of Amazon EC2 instances over on-premises servers?
(Select two.)
a) Pay-as-you-go pricing
b) Automation
c) Self-maintenance of servers
d) Agility
e) Access to physical hosts

a   63) The security team of a business mandates that all Amazon EC2 workloads use authorized
        Amazon Machine Images (AMIs). Which AWS service should the organization utilize to
        ensure that its EC2 instances are utilizing authorized AMIs?

    a) Amazon CloudWatch

    b) Amazon Inspector

    c) AWS Config

    d) AWS Trusted Advisor

a   64) A solutions architect must manage a fleet of Amazon EC2 instances to ensure that any
        instances that fail are replaced. Which Amazon Web Services (AWS) offering should the
        solutions architect utilize?

    a) Amazon Elastic Container Service (Amazon ECS)

    b) Amazon GuardDuty

    c) AWS Shield

    d) AWS Auto Scaling

a   65) Which of the following services will automatically scale as online traffic increases?

    a) AWS CodePipeline

    b) Elastic Load Balancing

    c) Amazon EBS

    d) AWS Direct Connect