Assessment Name - CCP Practice Test 2 [ATTEMPTS LEFT - 1]

AKE ASSESSMENT (HTTPS://WINGZ.ITVEDANT.COM/INDEX.PHP/ASSIGNMENT-TEST-STUDENT/RETAKE-TEST?ID=165884)

Total Questions - 65   Score - (57 / 65) 88%

1) What is the AWS feature that enables fast, easy and secure transfers of files over long distances between your client and your Amazon S3 bucket?   1 M
- ○ A) File Transfer
- ○ B) HTTP Transfer
- ◉ C) Amazon S3 Transfer Acceleration
- ○ D) S3 Acceleration

2) What is the EC2 AMI Marketplace? Choose the Correct Answer

- ○ A) Where you select the storage type of an EC2 instance.   1 M
- ◉ B) A collection of pay-to-use EC2 AMIs that generally come packaged with licensed enterprise software.
- ○ C) Where you store AMIs that you create.
- ○ D) Where you select to compute capacity of an EC2 instance

3) What best describes the difference between the TCO Calculator and the Cost Explorer? Choose the Correct Answer B. C. D.   1 M
- ○ A) The TCO Calculator help you analyze current AWS usage charges; the Cost Explorer helps you estimate the cost savings of using AWS.
- ◉ B) The TCO Calculator helps you estimate the cost savings of using AWS; the Cost Explorer help you analyze current AWS usage charges.
- ○ C) The Cost Explorer helps you calculate hourly EC2 Usage cost; the TCO Calculator is a price list for each AWS service.
- ○ D) The Cost Explorer is a price list for each AWS service; the TCO Calculator helps you calculate hourly EC2 Usage cost.

4) A user wants to deploy a service to the AWS Cloud by using infrastructure-as-code (IaC) principles.
Which AWS service can be used to meet this requirement?

A. AWS Systems Manager

B. AWS CloudFormation

C. AWS CodeCommit

D. AWS Config

- A) A
- B) B   1 M
- C) C
- D) D

5)
Which services can be used across hybrid AWS Cloud architectures? (Choose two.)

1. Amazon Route 53
2. Virtual Private Gateway
3. Classic Load Balancer
4. Auto Scaling
5. Amazon CloudWatch default metrics

- A) 1,2   1 M
- B) 2,3
- C) 3,4
- D) 4,5

6)
AWS supports which of the following methods to add security to Identity and Access Management (IAM) users? (Choose two.)

A. Implementing Amazon Rekognition
B. Using AWS Shield-protected resources
C. Blocking access with Security Groups
D. Using Multi-Factor Authentication (MFA)
E. Enforcing password strength and expiration

- A) A,B   1 M
- B) D,E
- C) C,B
- D) D,C

7) Which Amazon EC2 instance pricing model can provide discounts of up to 90%? 1 M
- A) Reserved instances
- B) On-demand
- C) spot instances
- D) Dedicated hosts

8) Which AWS service or feature allows a user to easily scale connectivity among thousands of VPCs? 1 M
- A) VPC peering
- B) AWS Transit Gateway

C) AWS direct connect

D) AWS global accelerator

9) A company needs real-time guidance to follow AWS best practices to save money improve system performance and close security gaps. Which AWS service should the company use?   1 M

A) Amazon GuardDuty

B) AWS Trusted Advisor ✓

C) AWS Management Console

D) AWS Systems Manager

10) Which AWS service should be used for long-term low-cost storage of data backups?   1 M

A) AWS RDS

B) Amazon Glacier ✓

C) AWS Snowball

D) AWS EBS

11) Which AWS service tracks API calls and user activity?

A) a loosely coupled architecture   0 M

B) a tightly coupled architecture ✗

C) a stateless architecture

D) a stateful architecture

12) Who has the responsibility to patch the host operating system of an Amazon EC2 instance according to the AWS shared responsibility model?   0 M

A) Both AWS and the customer

B) customer only ✗

C) EC2 hardware manufacturer

D) AWS only ✓

13) A company wants to forecast its AWS Cloud costs for the upcoming year by analyzing its past AWS Cloud spending trends. Which AWS service should the company use to meet this requirement?   1 M

A) AWS control tower

B) cost explorer ✓

C) AWS opswork

D) AWS cloudformation

14) A company hosts images in an Amazon S3 bucket for a public-facing website that is viewed by millions of users around the globe. Which AWS service will deliver this content with reduced latency?

A) AWS WAF   1 M

B) Amazon CloudWatch

C) Amazon CloudFront

D) AWS CloudFormation

15) **Which AWS service can run a managed PostgreSQL database that provides online transaction processing (OLTP)?**   1 M

A) Amazon DynamoDB

B) Amazon Athena

C) Amazon RDS

D) Amazon EMR

16) **A cloud practitioner has a data analysis workload that is infrequently executed and can be interrupted without harm. To optimize for cost which Amazon EC2 purchasing option should be used?**   1 M

A) On-deman instances

B) Reserved instances

C) spot instances

D) dedicated hosts

17) **Which AWS service automatically handles application health monitoring?**   1 M

A) Amazon API gateway

B) AWS Elastic Beanstalk

C) AWS Lambda

D) AWS config

18) **What best describes the 'Principle of Least Privilege'? Choose the correct answer from the options given below.**   1 M

A) All users should have the same baseline permissions granted to them to use basic AWS services.

B) Users should be granted permission to access only resources they need to do their assigned job

C) Users should submit all access requests in written form so that there is a paper trail of who needs access to different AWS resources.

D) Users should always have a little more permission than they need

19) **Which of the following is the responsibility of the customer to ensure the availability and backup of the EBS volumes?**   1 M

A) Delete the data and create a new EBS volume.

B) Create EBS snapshots.

C) Attach new volumes to EC2 Instances.

D) Create copies of EBS Volumes.

20) **Which of the following features of Amazon RDS allows for better availability of databases? Choose the answer from the options given below.**   1 M

A) VPC Peering

B) Multi-AZ
C) Read Replicas
D) Data encryption

21) **Which AWS service provides a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability?**   1 M
A) AWS RDS
B) DynamoDB
C) Oracle RDS
D) Elastic Map Reduce

22) **Which of the following LightSail Wizard allows the customers to 'create a copy of the LightSail instance in EC2'?**   1 M
A) LightSail Backup
B) LightSail Copy
C) Upgrade to EC2
D) LightSail-EC2 snapshot

23) Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?

A) Agility   1 M
B) Elasticity
C) Reliability
D) Durability

24) Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?   1 M
A) Security
B) Reliability
C) Performance efficiency
D) Cost optimization

25) Which of the following acts as an instance-level firewall to control inbound and outbound access?   0 M
A) Network access control list
B) Security groups
C) AWS Trusted Advisor
D) Virtual private gateways

26) AWS Enterprise Support users have access to which service or feature that is not available to users with other AWS Support plans?
A) AWS Trusted Advisor   0 M

B) AWS Support Case
C) Concierge team
D) Amazon Connect

27) The pay-as-you-go pricing model for AWS services: 1 M
A) reduces capital expenditures
B) requires payment up front for AWS services
C) is relevant only for Amazon EC2 Amazon S3 and Amazon RDS
D) reduces operational expenditures

28) AnyCompany recently purchased Example Corp. Both companies use AWS resources and AnyCompany wants a single aggregated bill. Which option allows AnyCompany to receive a single bill?   0 M
A) Example Corp.must submit a request to its AWS solutions architect or AWS technical account manager to link the accounts and consolidate billing
B) AnyCompany must create a new support case in the AWS Support Center requesting that both bills be combined
C) Send an invitation to join the organization from AnyCompany's AWS organizations master account to Example Corp.
D) Migrate the Example Corp.VPCs Amazon EC2 instances and other resources into the AnyCompany AWS Account

29) A retail company wants to provision only the necessary amount of resources to handle the current demand. Which cloud benefit is the company trying to achieve with this goal?
A) Reliability   0 M
B) Global reach
C) Scalability
D) High availability

30) How can the AWS Cloud increase user workforce productivity after migration from an on-premises data center?   1 M
A) Users do not have to wait for infrastructure provisioning
B) The AWS Cloud infrastructure is much faster than an on-premises data center infrastructure
C) AWS takes over application configuration management on behalf of users.
D) Users do not need to address security and compliance issues.

31) Access keys in AWS Identity and Access Management (IAM) are used to: 1 M
A) log in to the AWS Management Console
B) make programmatic calls to AWS from AWS APIs
C) log in to Amazon EC2 instances
D) authenticate to AWS CodeCommit repositories

32) Which AWS service allows users to identify the changes made to a resource over time?   1 M
- ○ A) Amazon Inspector
- ⦿ B) AWS Config
- ○ C) AWS Service Catalog
- ○ D) AWS IAM

33) A customer needs to run a MySQL database that easily scales. Which AWS service should they use?   1 M
- ⦿ A) Amazon Aurora
- ○ B) Amazon Redshift
- ○ C) Amazon DynamoDB
- ○ D) Amazon ElastiCache

34)
Which AWS service is a highly available and scalable DNS web service?

- ○ A) Amazon VPC   1 M
- ○ B) Amazon CloudFront
- ⦿ C) Amazon Route 53
- ○ D) Amazon Connect

35) A company stores several terabytes of data in an Amazon S3 bucket. The company needs to query the data by using standard SQL and does not want to set up infrastructure. Which AWS service should the company use to meet these requirements?   1 M
- ○ A) Amazon RDS
- ○ B) Amazon RedShift
- ⦿ C) Amazon Athena
- ○ D) Amazon EC2

36) How can a user achieve high availability for a web application hosted on AWS?
- ○ A) Use a Classic Load Balancer across multiple AWS Regions   1 M
- ⦿ B) Use an Application Load Balancer across multiple Availability
- ○ C) Set up automatic scaling and load balancing with another application instance running on premises
- ○ D) Use the AWS Region with the highest number of Availability Zones

37) Which is the MINIMUM AWS Support plan that allows for one-hour target response time for support cases?   1 M
- ○ A) Enterprise
- ⦿ B) Business
- ○ C) Developer

○ D) Basic

38)

Why is it beneficial to use Elastic Load Balancers with applications?

○ A) They allow for the conversion from Application Load Balancers to   1 M
Classic Load Balancers

◉ B) They are capable of handling constant changes in network traffic
patterns

○ C) They automatically adjust capacity

○ D) They are provided at no charge to users

39) A user is designing a service to align with the operational excellence pillar of
the AWS Well-Architected Framework. Which design principle should the user
follow?   1 M

◉ A) Anticipate failure

○ B) Make large-scale changes

○ C) Perform manual operations

○ D) Create static operational procedures

40)

Which benefit is available for Convertible Reserved Instances but NOT Standard
Reserved Instances?

○ A) The instances can be exchanged for instances of a different instant size 1 M

◉ 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

41) Which of the following services is a MySQL-compatible database that
automatically grows storage as needed?   1 M

○ A) Amazon Elastic Compute Cloud(Amazon EC2)

○ B) Amazon Relational Database Service(Amazon RDS) for MySQL

○ C) Amazon Lightsail

◉ D) Amazon Aurora

42) Which AWS service provides the ability to host a NoSQL database in the AWS
Cloud?   1 M

○ A) Amazon Aurora

◉ B) Amazon DynamoDB

○ C) Amazon RDS

○ D) Amazon Redshift

43) According to best practices how should an application be designed to run in the AWS Cloud?　　　　　　　　1 M
- ○ A) Use tightly coupled components
- ◉ B) Use loosely coupled components
- ○ C) Use infrequently coupled components
- ○ D) Use frequently coupled components

44)
What is the LEAST expensive AWS Support plan that contains a full set of AWS Trusted Advisor best practice checks?

- ○ A) AWS Enterprise Support　　　　　　　　1 M
- ◉ B) AWS Business Support
- ○ C) AWS Developer Support
- ○ D) AWS Basic Support

45) Which task requires using AWS account root user credentials?　　　1 M
- ○ A) Viewing billing information
- ◉ B) Changing the AWS Support plan
- ○ C) Starting and stopping Amazon EC2 instances
- ○ D) Opening an AWS Support case

46) Which AWS storage service is designed to transfer petabytes of data in and out of the cloud?　　　　　　　　1 M
- ○ A) AWS Storage Gateway
- ○ B) Amazon S3 Glacier Deep Archive
- ○ C) Amazon Lightsail
- ◉ D) AWS Snowball

47) Which requirement must be met for a member account to be unlinked from an AWS Organizations account?
- ○ A) The linked account must be actively compliant with AWS System and　1 M
Organization Controls(SOC)
- ○ B) The prayer and the linked account must both create AWS Support cases to request that the member account be unlinked from the organization
- ◉ C) The member account must meet the requirements of a standalone account
- ○ D) The payer account must be used to remove the linked account from the organization

48) What can be used to automate and manage secure well-architected multi-account AWS environments?　　　　　　　　1 M
- ○ A) AWS shared responsibility model
- ◉ B) AWS Control Tower

○ C) AWS Security Hub
○ D) AWS Well-Architected Tool

49)
Which AWS service or feature is highly available by default?

○ A) Amazon EC2   1 M
◉ B) Amazon Aurora
○ C) NAT instances
○ D) Amazon RDS

50)
A company requires a dedicated network connection between its on-premises servers and the AWS Cloud. Which AWS service should be used?

○ A) AWS VPN   1 M
◉ B) AWS Direct Connect
○ C) Amazon API Gateway
○ D) Amazon Connect

51) What helps a company provide a lower latency experience to its users globally?   1 M
○ A) Using an AWS Region that is central to all users
○ B) Using a second Availability Zone in the AWS Region that is using used
○ C) Enabling caching in the AWS Region that is being used
◉ D) Using edge locations to put content closer to all users

52) Which of the following is an example of how moving to the AWS Cloud reduces upfront cost?   1 M
○ A) By replacing large variable costs with lower capital investments
◉ B) By replacing large capital investments with lower variable costs
○ C) By allowing the provisioning of compute and storage at a fixed level to meet peak demand
○ D) By replacing the repeated scaling of virtual servers with a simpler fixed - scale model

53)
A company is developing a new web application. The company must give users the ability to log in to the application through social identity providers. Which AWS service will meet these requirements?

○ A) AWS Directory Service   1 M
◉ B) Amazon Cognito
○ C) AWS Identity and Access Management (IAM)

D) AWS Single Sign-On

54) Which is the minimum AWS Support plan that includes Infrastructure Event Management without additional costs?   0 M
   A) Enterprise
   B) Business
   C) Developer
   D) Basic

55) A company wants to organize its users so that the company can grant permissions to the users as a group. Which AWS service or tool can the company use to meet this requirement?   1 M
   A) Security groups
   B) AWS Identity and Access Management(IAM)
   C) Resource groups
   D) AWS Security Hub

56) Which AWS service provides a fully managed NoSQL database service?   1 M
   A) Amazon RDS
   B) Amazon DynamoDB
   C) Amazon EC2
   D) Amazon Redshift

57) In AWS, what is the primary function of Amazon VPC (Virtual Private Cloud)?   1 M
   A) Load balancing
   B) Content delivery
   C) Network isolation
   D) Serverless computing

58) What is AWS CloudTrail used for?   1 M
   A) Monitoring EC2 instances
   B) Tracking user activity and API calls
   C) Managing DNS records
   D) Running serverless functions

59) Which AWS service is used for orchestration and automation of tasks in the cloud?   1 M
   A) AWS Step Functions
   B) AWS Lambda
   C) AWS Elastic Beanstalk
   D) AWS CodeCommit

60) In AWS, what is the primary function of AWS Key Management Service (KMS)?   1 M
   A) Load balancing
   B) Data warehousing
   C) Encryption and key management

○ D) Access Control Rules

61) What is AWS Trusted Advisor used for?   1 M
  ○ A) Monitoring network security
  ◉ B) Cost optimization and resource recommendations
  ○ C) DNS routing
  ○ D) Content delivery

62) Which AWS service is used for building and deploying machine learning models?   1 M
  ◉ A) Amazon SageMaker
  ○ B) Amazon Polly
  ○ C) Amazon Rekognition
  ○ D) Amazon Translate

63) **A company is using Amazon EC2 Auto Scaling to scale its Amazon EC2 instances. Which benefit of the AWS Cloud does this example illustrate?**   1 M
  ○ A) High availability
  ○ B) Reliability
  ◉ C) Elasticity
  ○ D) Global reach

64) Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?

  ○ A) Agility   0 M
  ◉ B) Elasticity
  ○ C) Reliability
  ○ D) Durability

65) How can an AWS user with an AWS Basic Support plan obtain technical assistance from AWS?
  ○ A) AWS Senior Support Engineers   1 M
  ○ B) AWS Technical Account Managers
  ○ C) AWS Trusted Advisor
  ◉ D) AWS Discussion Forums