

Limited Period
Offer. Use
Code:



Free AWS Technical Essentials Practice Test

Simplilearn's AWS technical professional exam is a mock test well-suited for those who want to methodically prepare for their certification exams. The AWS technical essentials mock paper is free of cost and can be taken by aspiring AWS certified professionals. The AWS technical professional assessment is a representation of the real exam and intends to help professionals how well-prepared they are manipulating the AWS environment.

60 Questions, 60 Minutes

Related course

AWS Technical Essentials

This AWS Technical Essentials Certification Training course will introduce you to the fundamentals of the Amazon Web Services (AWS) clou ...

GET 20% DISCOUNT

coupon will be auto applied.

[GO TO COURSE](#)

Explanations

60

41

68.33

1. What does a comprehensive data policy include?

[Call Us](#)[Chat](#)[Query?](#)

- ☒ Wiping, disposing, retention, and storage
- ☐ Disposing, patching, retention, and storage
- ☐ Retention, storage, disposing, and virtualization
- ☐ Storage, virtualization, wiping, and elasticity

Explanation:

Answer (a): A comprehensive data policy includes wiping, disposing, retention, and storage.

2. Which of the following is true about NoSQL and SQL?

- ☐ NoSQL and SQL support ACID properties.
- ☐ NoSQL and SQL are relational databases.
- ☐ NoSQL and SQL handle transactions.
- ☐ NoSQL and SQL implement dynamic schemas.

Explanation:

Answer (c): NoSQL and SQL handle transactions.

[Call Us](#)[Chat](#)[Query?](#)

3. A leading IT firm in Manhattan faces lot of network traffic issues. What should it use to ease these issues?

- ☐ Amazon CloudWatch
- ☒ Amazon Elastic Load Balancing
- ☐ Amazon Elastic Compute Cloud
- ☐ Amazon CloudFront

Explanation:

Answer (b): Elastic Load Balancing, or ELB, service disseminates the network traffic across a group of virtual servers.

4. ABC company wants to use network services that would implement its code from Amazon EC2 instances on the virtual servers. What should the company use?

- ☒ AWS Lambda

- ☐ Amazon Machine Image
- ☐ Auto Scaling Service

[Call Us](#)[Chat](#)[Query?](#)**Explanation:**

Answer (a): AWS Lambda service implements the code from Amazon EC2 instances on the virtual servers, in response to a triggered event.

5. MultiPan, a small company with huge clientele, was facing a storage crunch, and it wants the resources to be connected to the Internet. What is the ideal solution?

- ☐ Public Subnets
- ☐ Private Subnets
- ☐ Load Balancer
- ☒ Amazon Route 53

Explanation:

Answer (a): Public Subnets are ideal in an environment where the resources are required to be connected to the Internet.

6. If a company wants to use the DNS Web service, what is the appropriate option?

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Virtual Private Cloud
- ☐ Security Groups
- ☒ Amazon Route 53 Hosted Zones

Explanation:

Answer (d): Amazon Route 53, a DNS Web service, is scalable, highly available, and a cost-effective medium to direct the visitors to a website, a virtual server, or a load balancer.

7. To retain application availability, you should use.

- ☐ Load Balancer
- ☒ Auto Scaling Groups
- ☐ Amazon Route 53 Hosted Zones
- ☐ Security Groups

Explanation:

d

[Call Us](#)[Chat](#)[Query?](#)**8. How does an Elastic Load Balancer enable higher fault-tolerance level?**

- ☐ Creating subnets
- ☐ Open or terminate instances
- ☐ Creating the group of instances
- ☒ Dividing instances into several Availability Zones

Explanation:

Answer (d): A Load Balancer is responsible for distributing the network traffic across Amazon EC2 instances in different Availability Zones, which enables you to accomplish a higher fault-tolerance level.

9. In case of a disaster, which of the following activities will you perform?

- ☐ Expand your datacenter

- ☒ Launch the replacement compute capacity
- ☐ Scalable computing capacity servers

[Call Us](#)[Chat](#)[Query?](#)**Explanation:**

Answer (b): Quickly launch the replacement compute capacity in the cloud for business continuity. After the disaster, restore your data to the data center, and terminate the EC2 instances.

10. ABC company wants Web services that offer scalable computing capacity servers. What should the company choose?

- ☒ Amazon EC2
- ☐ Amazon Route 53 Hosted Zones
- ☐ Auto Scaling Groups
- ☐ Load Balancer

Explanation:

Answer (a): Amazon EC2 is a Web service that offers scalable computing capacity servers in the AWS data centers.

11. XYZ company wants instance types for high-performance databases, genome analysis, Microsoft SharePoint, distributed caches, and in-memory analytics. Identify the best option.

[Call Us](#)[Chat](#)[Query?](#)

- ☒ Compute Optimized
- ☐ Memory Optimized
- ☐ Input/Output Instances

Explanation:

Answer (c): Memory optimized instance types contains only R3 instances. These instances are optimized to run memory-intensive programs such as high performance databases, genome analysis, Microsoft SharePoint, distributed caches, and in-memory analytics.

12. What are the uses of T2 instances?

- ☐ Shares resources
- ☐ Batch processing workloads
- ☒ Workloads on small databases

☐ Launches an instance

Explanation:

Call Us

Chat

Query?

environments.

13. What instance type will you recommend if your organization wants high frequency processors?

☐ M3

☐ M2

☐ T2

☒ C3

Explanation:

Answer (d): The C3 instance type offers high frequency processors for enhanced networking, clustering, and instance storage.

14. Which of these platforms does Amazon EC2 support?

[Call Us](#)[Chat](#)[Query?](#)

- ☒ EC2 Classic and EC2 VPC
- ☐ D2 dot 2xlarge and D2 dot 8xlarge
- ☐ Input/Output instances

Explanation:

Answer (b): Amazon EC2 supports two platforms, namely EC2 Classic and EC2 VPC.

15. Amy wants to use the highest performing processor at the lowest price in Amazon EC2. What should she choose?

- ☐ M4
- ☒ C4
- ☐ M3
- ☐ M2

Explanation:

Answer (b): The C4 instance type offers the highest performing processors at the lowest price in Amazon EC2. Examples include. C4 dot large. and C4 dot 8xlarge.

[Call Us](#)[Chat](#)[Query?](#)

16. Elina is a business traveler, and she wants to download the AWS Console app. Select the option that does NOT allow this.

- ☒ Blackberry store
- ☐ Amazon app store
- ☐ Google play store
- ☐ iTunes

Explanation:

Answer (a): A user can download the AWS Console app from all the other options except "a," that is, Blackberry store.

17. Daniel wants to store his website data and also needs a user-friendly interface. Which of the following will suit Daniel's demand?

- ☒ Amazon S3
- ☐ Amazon CloudFront

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Amazon Gateway

Explanation:

Answer (a): Amazon S3 provides safe and secure object storage to developers. It has a user-friendly interface that helps store and access any amount of data any time.

18. Which of the following does the AWS Import/Export service support?

- ☐ EC2 instance
- ☒ AWS Import/Export Disk
- ☐ Amazon S3
- ☐ Amazon EBS

Explanation:

Answer (b): AWS Import/Export service supports features such as AWS Import/Export Snowball and AWS Import/Export Disk.

[Call Us](#)[Chat](#)[Query?](#)

them. Which of these tools was used to solve the issue automatically?

- ☐ Trusted Guide
- ☒ Trusted Advisor
- ☐ Trusted Counselor
- ☐ Trusted Controller

Explanation:

Answer (b): AWS offers "Trusted Advisor", an online tool to automatically examine the customer's AWS environment, identify security gaps, and fill them.

20. Which of the following provides non-stop monitoring, logging, and auditing of physical access controls?

- ☐ Compliance

☒ Security Tools

☐ Expert Guidance

Call Us

Chat

Query?

Explanation:

Answer (d): The AWS team undertakes the key measure for providing non-stop monitoring, logging, and auditing of physical access controls.

21. Which of the following is a scalable and an economical amalgamation of your office IT and AWS storage infrastructure?

☐ AWS Storage Gateway

☒ AWS Gateway-cached Volume

☐ AWS EC2

☐ AWS Import/Export

Explanation:

Answer (a): AWS Storage Gateway is a scalable and an economical amalgamation of your office IT and AWS storage infrastructure.

22. Anna wants to create users and groups in AWS service. Which of the following will perform the task?

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Virtual Private Cloud
- ☒ Identity and Access Management
- ☐ Security Groups
- ☐ Compliance

Explanation:

Answer (b): The IAM service enables to create users and groups, define roles, set IAM access control policies, and define group functions related to user management.

23. Which of the following was the first service offered by Amazon to transfer data?

- ☐ AWS Import/Export
- ☐ Snowball
- ☒ Disk



Explanation:

Call Us

Chat

Query?

24. While researching on the Availability Zones of AWS expansion, Elliot wanted to know the upcoming regions. Selecting the correct region or regions.

- ☒ India
- ☒ The United Kingdom
- ☐ South Africa
- ☐ South America

Explanation:

Answer (a, b): India, Montreal in Canada, Ningxia in China, Ohio in North America, and, The United Kingdom are the upcoming AWS regions.

25. Paul wanted to isolate a section of the AWS cloud, and launch AWS resources in a defined virtual network. Which of these options should he choose?

- ☐ Shared Responsibility Model

☒ Virtual Private Cloud

☐ Trusted Guide

Call Us

Chat

Query?

Explanation:

Answer (b): Amazon Virtual Private Cloud, or VPC helps you logically isolate a section of the AWS cloud, and launch AWS resources in a defined virtual network.

26. With the decision to store data in Amazon Glacier, the Ahana group of companies came across one of the used cases. Identify the used case from the following.

☐ Deleting Data

☐ Restoring Data

☐ History List

☒ Back up media assets

Explanation:

Answer (d): Amazon Glacier supports the used cases like archiving off-site enterprise information, backing up media assets, storing research and scientific data, preserving digital data, and replacing magnetic tapes.

27. ABC, a public record managing firm, wanted to transfer huge amount of data. Since, it was for public records. they needed some solution that would not charge them much. Which of

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Snowball
- ☐ AWS Import/Export Disk
- ☒ Virtual Tape Library
- ☐ Virtual Tape Shelf

Explanation:

Answer (a): Snowball is a cost-effective data transfer solution, which is capable of transferring up to 50 terabytes of data, and is five times cheaper than a high-speed Internet connection.

28. What is used for applications and databases where there is significant amount of traffic?

- ☐ Optimized EC 2 instances
- ☒ Provisioned IOPS
- ☐ General Purpose IOPS

☐ Amazon Elastic Block Storage

Explanation:

Call Us

Chat

Query?

29. Direct Attached Storage is a type of _____.

☐ Cloud Storage

☒ Gateway Storage

☐ Traditional Storage

☐ Hard Disk Storage

Explanation:

d

30. _____ means that the storage is temporary, and its contents can be lost when the system is rebooted.

- ☒ Ephemeral
- ☐ AttachVolume

[Call Us](#)[Chat](#)[Query?](#)

- ☐ General Purpose IOPS

Explanation:

d

31. Which of the following will XYZ company use to transfer its website to one type of cloud while its brochure is on another?

- ☐ Virtual Cloud
- ☐ Private Cloud
- ☒ Hybrid Cloud
- ☐ Public Cloud

Explanation:

Answer (c): Through hybrid cloud, a company is able to retain control over an internally managed private cloud, while depending on the public cloud, when required. For example, during peak time, you can migrate a few applications to the public cloud.

[Call Us](#)[Chat](#)[Query?](#)

32. St. Philip University wanted to use AWS service that would create and provision AWS resources. Suggest the appropriate options from the following.

- ☒ AWS CloudFormation
- ☐ Amazon CloudFront
- ☐ Amazon CloudWatch
- ☐ Amazon S3

Explanation:

Answer (a): AWS CloudFormation refers to a service that creates and provisions your AWS resources.

33. CloudFormation Components Templates has a format that conforms to the ____.

- ☐ HTTP
- ☐ MySQL

☒ JavaScript Object Notation

☐ HTML

Call Us

Chat

Query?

d

34. What does Stack as single unit mean?

- ☒ CloudFormation service rolls back the stack or deletes
- ☐ Blueprint for creating and configuring resources
- ☐ Develop highly scalable, reliable, and lucrative applications
- ☐ Identifies the dependent resources

Explanation:

Answer (a): AWS CloudFormation service rolls back the stack or deletes any created resources if even one resource fails to successfully create itself.

35. Which of the following is NOT a certification of the AWS IT infrastructure?

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Service Organization Control or SOC 1, SOC 2, and SOC 3
- ☒ Criminal Justice Information Services or CJIS
- ☐ Risk and Information Systems Control

Explanation:

Answer (d): Risk and Information Systems Control is just an IT Certification.

36. Which of the following can Merrin, a new user to the Amazon Web Service, use to access the provided service?

- ☐ AWS Software Development Kits
- ☐ AWS Hardware Development Kits
- ☐ AWS Instructor line tool
- ☒ AWS Enquiry API's

Explanation:

Answer (a): User can access Amazon Web Services through Management Console, Command Line Interface, Command Line Tools, AWS Software Development Kits, and Querv APIs.

[Call Us](#)[Chat](#)[Query?](#)**37. Which of the following can automatically scale resources?**

- ☒ Auto Scaling
- ☐ Auto Measuring
- ☐ Elastic File System
- ☒ Elastic Load Balancing

Explanation:

Answer (a, d): AWS techniques such as auto scaling and elastic load balancing can automatically scale resources.

38. If you can specify input parameters, and you can determine their values at the time of creating the stack, it means you are _____.

- ☒ Reusing Templates
- ☐ Deleting Template

- ☐ Reusing Stack
- ☐ Deleting Stack

[Call Us](#)[Chat](#)[Query?](#)

d

39. ABC company wants to monitor cloud resources, such as Amazon EC2 and Amazon RDS instances, and applications. What services it should use?

- ☐ Amazon Glacier
- ☐ Amazon CloudFront
- ☐ Amazon Elastic File System
- ☒ Amazon CloudWatch

Explanation:

Answer (d): Amazon CloudWatch refers to a service that allows real-time monitoring of your cloud resources such as, Amazon EC2 and Amazon RDS instances, and applications.

40. How can you use Amazon CloudWatch?

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Amazon Route 53
- ☒ Amazon Virtual Private Cloud
- ☐ AWS Free Tier

Explanation:

Answer (d): You can start using Amazon CloudWatch under the AWS Free Tier. The Free Tier includes 3 dashboards with 50 metrics each, 10 alarms, 10 detailed monitoring metrics, and 1 million API requests, without any demand for price.

41. Which of the following clouds is a mix of public and private cloud services?

- ☐ Private Cloud
- ☐ Public Cloud
- ☒ Hybrid Cloud
- ☐ Virtual Cloud

Explanation:

Answer (c): A hybrid cloud is a mix of public and private cloud services offered by multiple providers.

[Call Us](#)[Chat](#)[Query?](#)

42. Amazon Web Services is Amazon's cloud computing environment that offers benefits of _____.

- ☒ Economies of scale
- ☒ Scalability
- ☐ Total free Service
- ☐ 50 gigabytes free service

Explanation:

d

43. Magnetic storage is a persistent type of slower, older _____.

- ☐ Elastic File System
- ☐ Simple Storage
- ☒ Elastic Block Storage

☐ Amazon Glazier

Explanation:

Call Us

Chat

Query?

44. Virtual Tape Library provides users with an unlimited _____.

- ☐ Collection of device spaces
- ☐ Collection of tape library
- ☒ Collection of virtual tapes
- ☐ Device Space

Explanation:

Virtual Tape Library provides users with an unlimited collection of virtual tapes. It provides and lets the user control an existing tape-based backup application

45. Which of the following are the current list of service groups in the All AWS Services section?

Call Us

Chat

Query?



☐ Transaction

☒ Analytics

☐ Mirroring

Explanation:

d

46. Which of the following is a singular feature of AWS?

☒ Resilient organizational structure

☐ Resilient institutional structure

☐ Resilient industrial structure

☐ Resilient Administrative structure

Explanation:

Answer (a): A striking feature of AWS is its resilient organizational structure.

[Call Us](#)[Chat](#)[Query?](#)

- ☐ Granted access
- ☐ Private access
- ☐ Specialized access
- ☒ Authorized access

Explanation:

Answer (d): Only authorized access is granted as per the least privileged criteria.

48. Which is the vital feature on Navigation Bar?

- ☐ AWS Availability Zone
- ☒ AWS Region
- ☐ AWS Menu bar

☐ AWS Access Control

Explanation:

Call Us

Chat

Query?

49. The security of global infrastructure services run in which of the following cloud?

- ☐ Security ?OF? the cloud
- ☒ Security ?IN? the cloud
- ☐ Security ?OUT? the cloud
- ☐ Security ?ON? the cloud

Explanation:

Answer (a): In Shared Responsibility Model AWS undertakes security of the global infrastructure for services that run in the cloud, referred to as security ?OF? the cloud.

50. Amazon DynamoDB, as a part of Amazon Web Services, refers to a service that offers _____.

[Call Us](#)[Chat](#)[Query?](#)

- ☒ NoSQL databases
- ☐ Data Models
- ☐ Solid State Disks

Explanation:

d

51. What is the other name for attributes?

- ☐ Series
- ☐ Indexes
- ☐ Fields
- ☒ Keys

Explanation:

Answer (c): The attributes are also called columns or fields.

[Call Us](#)[Chat](#)[Query?](#)**52. Which of the following is a type Primary Key?**

- ☒ Partition Key
- ☐ Primary Key
- ☐ Sort key
- ☒ Composite Sort Key

Explanation:

Answer (a, d): DynamoDB allows specifying the two types of primary keys like, Partition Key and Composite Sort Key.

53. Which of the following Dynamo data types includes a string set, a binary set, and a number set?

- ☒ scalar
- ☐ set
- ☐ document

☐ None of the above

Explanation:

Call Us

Chat

Query?

set, a string set, and a number set.

54. Which of the following has a unique decimal number or a code point?

- ☐ Binary code Character
- ☐ Tertiary Code Character
- ☐ Primary Code Character
- ☒ Unicode character

Explanation:

Answer (d): Each Unicode character has a unique decimal number or a code point.

55. True or False is an attribute of _____.

- ☐ Binary
- ☐ Null

[Call Us](#)[Chat](#)[Query?](#)

- ☒ Boolean

Explanation:

A Boolean type attribute can have one of the two values namely, True or False.

56. Which of the following services creates and provisions AWS resources?

- ☐ AWS CloudWatch
- ☒ AWS CloudFormation
- ☐ AWS Identity and Access Management
- ☐ AWS CloudFront

Explanation:

Answer (b): AWS CloudFormation refers to a service that creates and provisions your AWS resources.

57. What offers profitable, resizable capacity for your databases?

Call Us

Chat

Query?

- ☒ Amazon DynamoDB
- ☐ Amazon Security groups
- ☐ All of the above

Explanation:

Answers (a): Relational Database Service offers profitable, resizable capacity for your databases.

58. A(n)_____ aims to control access to a DB instance.

- ☒ Security group
- ☐ Parameter group
- ☐ Options group
- ☐ DynamoDB group

Explanation:

d

Call Us

Chat

Query?

59. What is applied to a DB instance if you do not specify the desired parameter group while creating the instance?

- ☐ Options group
- ☐ Security group
- ☐ DynamoDB group
- ☒ Parameter group

Explanation:

Answer (d): A parameter group is applied to a DB instance, if you do not specify your desired parameter group while creating the instance.

60. Through which option does Amazon maintain a synchronous reserved replica of that DB instance?

- ☒ Deployment

☐ Positioning

☒ Placement

Call Us

Chat

Query?

Explanation:

Answer (a): Through this deployment option, Amazon maintains a synchronous reserved replica of that DB instance in another Availability Zone.

Related course



AWS Technical Essentials

3509 Learners

Foundational

GET 20% DISCOUNT

(coupon will be auto applied)

GO TO COURSE

Frequently Asked Questions

[Call Us](#)[Chat](#)[Query?](#)

What is included in this AWS technical professional practice test?

The AWS Technical Professional practice test consists of 60 MCQs which can be attempted multiple times and is free of cost. Candidates can also pause the test and resume them at any time as they desire.

What is the AWS technical essential practice test?

Can I retake this practice test?

Who can take up this AWS technical essential free practice test?

Are these the same questions I'll see on the real exam?

What will I learn from this practice test?

I didn't do well on this practice test. What should I do now?

What are the requirements to take this AWS technical professional practice test?

Will the practice tests be updated frequently?

Will this AWS practice test help in clearing the actual certification exam?

© 2009 - 2019 - Simplilearn Solutions

Call Us

Chat

Query?

Follow us!

Refer and Earn

Company

About us

Our team

Careers

In the media

Alumni speak

Contact us

Help & support

Work with us

Become an instructor

Blog as guest

Become an affiliate

Discover

For Businesses

[Resources](#)

[Corporate training](#)

[Tutorials](#)

[Resellers](#)

[Career data labs](#)

[Call Us](#)

[Chat](#)

[Query?](#)

[RSS feed](#)

Learn On the Go!

[Get the Android App](#)

[Get the iOS App](#)

[Terms of Use](#) [Privacy Policy](#) [Refund Policy](#) [Reschedule Policy](#)

© 2009-2019 - Simplilearn Solutions. All Rights Reserved. The certification names are the trademarks of their respective owners.

smpi_2019-08-11

Disclaimer

PMP, PMI, PMBOK, CAPM, PgMP, PfMP, ACP, PBA, RMP, SP, and OPM3 are registered marks of the Project Management Institute, Inc.