

Exam 4

1. Question

Which type of connection should be used to connect an on-premises data center with the AWS cloud that is high speed, low latency and does not use the Internet?

- ☒ Direct Connect
- ☐ VPC Endpoints
- ☐ AWS Managed VPN
- ☐ IPSec VPN

2. Question

What does an organization need to do in Amazon IAM to enable user access to services being launched in new region?

- ☒ Enable global mode in IAM to provision the required access
- ☐ Create new user accounts in the new region
- ☐ Nothing, IAM is global
- ☐ Update the user accounts to allow access from another region

3. Question

Which Compute service should be used for running a Linux operating system upon which you will install custom software?

- ☒ Amazon EKS
- ☐ Amazon ECS
- ☐ AWS Lambda
- ☐ Amazon EC2

4. Question

How does “elasticity” benefit an application design?

- ☒ By selecting the correct storage tier for your workload
- ☐ By reserving capacity to reduce cost
- ☐ By automatically scaling resources based on demand
- ☐ By reducing interdependencies between application components

5. Question

Which AWS service lets you add user sign up, sign-in and access control to web and mobile apps?

- ☒ AWS Artifact
- ☒ AWS Cognito
- ☒ AWS Directory Service
- ☒ AWS CloudHSM

6. Question

What do Amazon S3 objects consist of? (choose 2)

- ☐ Userdata
- ☐ Value
- ☐ Key
- ☐ AMI
- ☐ ARN

7. Question

Which type of AWS Storage Gateway can be used to backup data with popular backup software?

- ☒ File Gateway
- ☒ Volume Gateway
- ☒ Gateway Virtual Tape Library
- ☒ Backup Gateway

8. Question

Which of the following is an advantage of cloud computing compared to deploying your own infrastructure on-premise?

- ☒ Flexibility to choose your own hardware
- ☒ Ability to choose bespoke infrastructure configurations
- ☒ Paying only for what you use
- ☒ Spend using a CAPEX model

9. Question

In addition to DNS services, what other services does Amazon Route 53 provide? (choose 2)

- ☐ IP Routing
- ☐ DHCP

- ☐ Domain registration
- ☐ Caching
- ☐ Traffic flow

10. Question

You would like to collect custom metrics from a production application every 1 minute. What type of monitoring should you use?

- ☐ CloudWatch with detailed monitoring
- ☐ CloudWatch with basic monitoring
- ☐ CloudTrail with detailed monitoring
- ☐ CloudTrail with basic monitoring

11. Question

Which AWS service allows you to automate the evaluation of recorded configurations against desired configuration?

- ☐ AWS OpsWorks
- ☐ AWS Service Catalog
- ☐ AWS CloudFormation
- ☐ AWS Config

12. Question

Which open-source technology allows you to build and deploy distributed applications inside of software containers?

- ☐ Docker
- ☐ Chef
- ☐ Puppet
- ☐ Jenkins

13. Question

What is the scope of an Amazon Virtual Private Cloud (VPC)?

- ☐ It spans all Availability Zones in all regions
- ☐ It spans a single CIDR block
- ☐ It spans all Availability Zones within a region

- ☒ It spans multiple subnets

14. Question

Which of the advantages of cloud listed below is most closely addressed by the capabilities of AWS Auto Scaling?

- ☒ Stop spending money running and maintaining data centers
- ☒ Go global in minutes
- ☒ Stop guessing about capacity
- ☒ Benefit from massive economies of scale

Incorrect

Explanation:

AWS Auto Scaling helps you to adapt to the demand for your application and scale up and down as needed. This means you don't have to guess capacity upfront as you can provision what you need and allows Auto Scaling to manage the scaling

References:

<https://digitalcloud.training/certification-training/aws-certified-cloud-practitioner/cloud-computing-concepts/>

15. Question

Which service can be used to assign a policy to a group?

- ☒ Amazon Cognito
- ☒ Amazon STS
- ☒ AWS Shield
- ☒ AWS IAM

16. Question

An organization has multiple AWS accounts and uses a mixture of on-demand and reserved instances. One account has a considerable amount of unused reserved instances. How can the organization reduce their costs? (choose 2)

- ☐ Create an AWS Organization configuration linking the accounts
- ☐ Switch to using placement groups
- ☐ Redeem their reserved instances
- ☐ Setup consolidated billing between the accounts
- ☐ Use Spot instances instead

17. Question

Which feature of AWS IAM enables you to identify unnecessary permissions that have been assigned to users?

- ☒ Access Advisor
- ☒ Role Advisor
- ☒ Group Advisor
- ☒ Permissions Advisor

18. Question

To reduce the price of your Amazon EC2 instances, which term lengths are available for reserved instances?

- ☐ 2 years
- ☐ 3 years
- ☐ 1 year
- ☐ 5 years
- ☐ 4 years

19. Question

Which storage type can be mounted using the NFS protocol to many EC2 instances simultaneously?

- ☒ Amazon EFS
- ☒ Amazon EBS
- ☒ Amazon Instance Store
- ☒ Amazon S3

20. Question

How can you enable access to AWS accounts using credentials from an on-premise corporate directory?

- ☒ Replication using Simple AD
- ☒ Federation using IAM
- ☒ SSO using Cognito
- ☒ AWS Organizations

21. Question

When performing a total cost of ownership (TCO) analysis between on-premises and the AWS Cloud, which factors are only relevant to on-premises deployments? (choose 2)

- ☐ Hardware procurement teams
- ☐ Operating system licensing
- ☐ Facility operations costs
- ☐ Database administration
- ☐ Application licensing

22. Question

Which AWS service provides a single location to track the progress of application migrations across multiple AWS and partner solutions?

- ☐ AWS Batch
- ☐ AWS Migration Hub
- ☐ AWS Server Migration Service
- ☐ AWS Database Migration Service

23. Question

What is the benefit of using fully managed services compared to deploying 3rd party software on EC2?

- ☐ You don't need to back-up your data
- ☐ Improved security
- ☐ Reduced operational overhead
- ☐ You have greater control and flexibility

24. Question

Which Amazon EC2 pricing option provides significant discounts for fixed term contracts?

- ☐ Dedicated Instances
- ☐ Dedicated Hosts
- ☐ Spot Instances
- ☐ Reserved Instances

25. Question

Which of the below are components that can be configured in the VPC section of the AWS management console? (choose 2)

- ☐ Subnet

- ☐ EBS volumes
- ☐ Elastic Load Balancer
- ☐ Endpoints
- ☐ DNS records

26. Question

Which security service only requires a rule to be created in one direction as it automatically allows return traffic?

- ☒ VPC Router
- ☒ Network ACL
- ☒ Security Group
- ☒ AWS Shield

27. Question

Which AWS service can be used for testing and interacting with apps for Android, iOS and web apps?

- ☒ AWS AppSync
- ☒ AWS Device Farm
- ☒ AWS Config
- ☒ AWS CodeDeploy

28. Question

What are two components of Amazon S3? (choose 2)

- ☐ Objects
- ☐ Buckets
- ☐ Block devices
- ☐ File systems
- ☐ Directories

29. Question

What types of monitoring can Amazon CloudWatch be used for? (choose 2)

- ☐ Data center
- ☐ Operational health

- ☐ Infrastructure
- ☐ Application performance
- ☐ API access

30. Question

What is the main benefit of the principle of “loose coupling”?

- ☐ Reduce operational complexity
- ☐ Automate the deployment of infrastructure using code
- ☐ Enables applications to scale automatically based on current demand
- ☐ Reduce interdependencies so a failure in one component does not cascade to other components

31. Question

The AWS acceptable use policy for penetration testing allows?

- ☐ Customers to carry out security assessments or penetration tests against their AWS infrastructure without prior approval for selected services
- ☐ Authorized security assessors to perform penetration tests against any AWS customer without authorization
- ☐ Customers to carry out security assessments or penetration tests against their AWS infrastructure after obtaining authorization from AWS
- ☐ AWS to perform penetration testing against customer resources without notification

32. Question

Which tool can be used to provide real time guidance on provisioning resources following AWS best practices?

- ☐ AWS Personal Health Dashboard
- ☐ AWS Inspector
- ☐ AWS Simple Monthly Calculator
- ☐ AWS Trusted Advisor

33. Question

Which team is available to support AWS customers on an Enterprise support plan with account issues?

- ☐ AWS Concierge
- ☐ AWS Billing and Accounts

- ☒ AWS Technical Support
- ☒ AWS Technical Account Manager

34. Question

When using Amazon RDS databases, which items are you charged for? (choose 2)

- ☐ Inbound data transfer
- ☐ Multi AZ
- ☐ Single AZ
- ☐ Backup up to the DB size
- ☐ Outbound data transfer

35. Question

What are the fundamental charges for an Amazon EC2 instance? (choose 2)

- ☐ AMI
- ☐ Data storage
- ☐ Server uptime
- ☐ Basic monitoring
- ☐ Private IP address

36. Question

How are AWS Lambda functions triggered?

- ☒ Events
- ☒ Schedules
- ☒ Metrics
- ☒ Counters

37. Question

Which service can be added to a database to provide improved performance for some requests?

- ☒ Amazon RedShift
- ☒ Amazon EFS
- ☒ Amazon ElastiCache
- ☒ Amazon RDS

38. Question

Which Amazon EC2 billing option gives you low cost, maximum flexibility, no upfront costs or commitment, and you only pay for what you use?

- ☐ Dedicated Host
- ☐ Reserved Instances
- ☐ On-Demand Instances
- ☐ Spot Instances

39. Question

Which AWS service uses a highly secure hardware storage device to store encryption keys?

- ☐ AWS WAF
- ☐ Amazon Cloud Directory
- ☐ AWS IAM
- ☐ AWS CloudHSM

40. Question

Which aspects of security on AWS are customer responsibilities? (choose 2)

- ☐ Patching of storage systems
- ☐ Setting up account password policies
- ☐ Physical access controls
- ☐ Server-side encryption
- ☐ Availability of AWS regions

41. Question

Which read/write capacity modes are available for DynamoDB? (choose 2)

- ☐ Reserved capacity mode
- ☐ Dedicated capacity mode
- ☐ Provisioned capacity mode
- ☐ Spot capacity mode
- ☐ On-demand capacity mode

42. Question

Which Amazon EC2 feature provides a static IPv4 public IP address that does not change when the instance is rebooted?

- ☒ Static IP
- ☐ Elastic IP
- ☐ Dynamic IP
- ☐ Elastic Network

43. Question

Which type of security control can be used to deny network access from a specific IP address?

- ☒ Security Group
- ☐ Network ACL
- ☐ AWS WAF
- ☐ AWS Shield

44. Question

Your organization is looking to expand into the cloud for their web presence and development and test environments. Production systems will remain on-premises. What cloud computing deployment model will best suit the organization?

- ☒ Private
- ☐ Public
- ☐ Hybrid
- ☐ PaaS

45. Question

Which of the following security related activities are AWS customers responsible for? (choose 2)

- ☐ Installing patches on Windows operating systems
- ☐ Secure disposal of faulty disk drives
- ☐ Implementing IAM password policies
- ☐ Installing patches on network devices
- ☐ Implementing data center access controls

46. Question

Using Amazon S3 what method can be used to automatically copy objects from one region to another?

- ☐ Cross-account replication
- ☐ Cross-region synchronization
- ☐ Cross-zone replication
- ☐ Cross-region replication

47. Question

What are two examples of the advantages of cloud computing? (choose 2)

- ☐ Benefit from massive economies of scale
- ☐ Secure data centers
- ☐ Increase speed and agility
- ☐ Trade operating costs for capital costs
- ☐ Trade variable expense for capital expense

48. Question

Which of the below are good use cases for a specific Amazon EC2 pricing model? (choose 2)

- ☐ Reserved instances for applications with flexible start and end times
- ☐ On-demand for regulatory requirements that do not allow multi-tenant virtualization
- ☐ Reserved instances for steady state predictable usage
- ☐ On-demand for ad-hoc requirements that cannot be interrupted
- ☐ Spot for consistent load over a long term

49. Question

What billing timeframes are available for Amazon EC2 on-demand instances? (choose 2)

- ☐ Per week
- ☐ Per day
- ☐ Per minute
- ☐ Per second
- ☐ Per hour

50. Question

What are the fundamental charges for Elastic Block Store (EBS) volumes? (choose 2)

- ☐ The amount of data storage consumed
- ☐ The amount of data storage provisioned
- ☐ Provisioned IOPS
- ☐ Inbound data transfer
- ☐ Number of snapshots

51. Question

What can be assigned to an IAM user? (choose 2)

- ☐ A password for logging into Linux
- ☐ A key pair
- ☐ An SSL/TLS certificate
- ☐ A password for access to the management console
- ☐ An access key ID and secret access key

52. Question

Which of the below are valid use cases for using AWS services to implement real-time auditing? (choose 2)

- ☐ Use AWS IAM to store log files
- ☐ Use Amazon CloudTrail to monitor application performance
- ☐ Use Amazon CloudWatch for monitoring API calls
- ☐ Use AWS Lambda to scan log files
- ☐ Use Amazon Inspector to monitor for compliance

53. Question

Which Amazon namespace is used to uniquely identify AWS resources?

- ☒ ACL
- ☒ AMI
- ☒ API
- ☒ ARN

54. Question

Which types of root storage devices are available for Amazon EC2 instances? (choose 2)

- ☐ EFS file system
- ☐ EBS volume
- ☐ RAM
- ☐ S3 Bucket
- ☐ Instance Store

55. Question

Where can resources be launched when configuring AWS Auto Scaling?

- ☒ Multiple VPCs
- ☒ Multiple AZs and multiple regions
- ☒ Multiple AZs within a region
- ☒ A single subnet

56. Question

Which type of Amazon Route 53 record set should be used to map a zone apex record to an Amazon Elastic Load Balancer?

- ☒ Alias
- ☒ A
- ☒ AAAA
- ☒ CNAME

57. Question

What is the difference between an EBS volume and an Instance store?

- ☒ EBS volumes are file-level storage devices whereas Instance store volumes are object-based
- ☒ Instance store volumes can be used with all EC2 instance types whereas EBS cannot
- ☒ Instance store volumes are ephemeral whereas EBS volumes are persistent storage
- ☒ EBS volumes are object storage devices whereas Instance store volume are block based

58. Question

Which of the below are valid options within the VPC Wizard? (choose 2)

- ☐ VPC with a Single Public Subnet
- ☐ VPC with Public and Private Subnets and Hardware VPN Access

- ☐ VPC with Two Public Subnets
- ☐ VPC with a Private Subnet Only and Software VPN Access
- ☐ VPC with Private Subnets

59. Question

Which Amazon RDS deployment type is best used to enable fault tolerance in the event of the failure of an availability zone?

- ☐ Multiple Availability Zones
- ☐ Multiple Regions
- ☐ Write Replicas
- ☐ Read Replicas

60. Question

Which AWS service is a data warehouse that uses columnar data storage and is suited to analytic and reporting workloads against very large data sets?

- ☐ Amazon Aurora
- ☐ Amazon DynamoDB
- ☐ Amazon RDS
- ☐ Amazon RedShift

61. Question

Which statement is correct in relation to the AWS Shared Responsibility Model?

- ☐ Customers are responsible for security of the cloud
- ☐ AWS are responsible for the security of regions and availability zones
- ☐ Customers are responsible for patching storage systems
- ☐ AWS are responsible for encrypting customer data

62. Question

Which two types of database engine can be used with Amazon ElastiCache? (choose 2)

- ☐ Redis
- ☐ HANA
- ☐ Memcached
- ☐ MongoDB

☐ MemSQL

63. Question

Which AWS service is a Natural Language Processing (NLP) service that uses machine learning to find insights and relationships in text?

☒ Amazon Sagemaker

☒ Amazon Rekognition

☒ Amazon Comprehend

☒ Amazon Transcribe

64. Question

Which of the options below are recommendations in the reliability pillar of the well-architected framework? (choose 2)

☐ Stop guessing about capacity

☐ Test recovery procedures

☐ Manually recover from failure

☐ Manage change in manual processes

☐ Scale vertically using big systems

65. Question

Which statement is true in relation to data stored within an AWS Region?

☒ Data is always automatically replicated to at least one other availability zone

☒ Data is not replicated outside of a region unless you configure it

☒ Data is automatically archived after 90 days

☒ Data is always replicated to another region

Exam 1

1. Question

The AWS global infrastructure is composed of? (choose 2)

☐ Fault Zones

- ☐ Regions
- ☐ Clusters
- ☐ IP subnets
- ☐ Availability Zones

2. Question

Which types of pricing policies does AWS offer? (choose 2)

- ☐ Save when you reserve
- ☐ Global usage discounts
- ☐ Non-peak hour discounts
- ☐ Enterprise license agreement (ELA)
- ☐ Pay-as-you-go

3. Question

How does AWS assist organizations' with their capacity requirements?

- ☒ With AWS you only pay for what you use
- ☒ You don't need to guess your capacity needs
- ☒ You don't own the infrastructure
- ☒ With AWS you don't pay for data centres

4. Question

What is the term for describing the action of automatically running scripts on Amazon EC2 instances when launched to install software?

- ☒ Containerization
- ☒ Bootstrapping
- ☒ Golden Images
- ☒ Workflow automation

5. Question

Which database service is a NoSQL type of database that is fully managed?

- ☒ Amazon RedShift
- ☒ Amazon DynamoDB

☐ Amazon ElastiCache

☐ Amazon RDS

6. Question

What is an availability zone composed of?

☐ One or more regions

☐ A collection of VPCs

☐ A collection of edge locations

☐ One or more DCs in a location

7. Question

Which AWS service can you use to install a third-party database?

☐ Amazon EMR

☐ Amazon RDS

☐ Amazon DynamoDB

☐ Amazon EC2

8. Question

Which tool enables you to visualize your usage patterns over time and to identify your underlying cost drivers?

☐ AWS Budgets

☐ AWS Cost Explorer

☐ Total Cost of Ownership (TCO) Calculator

☐ AWS Simple Monthly Calculator

9. Question

Which pricing model should you use for EC2 instances that will be used in a lab environment for several hours on a weekend and must run uninterrupted?

☐ Reserved

☐ On-Demand

☐ Spot

☐ Dedicated Instance

10. Question

Which service allows you to automatically expand and shrink your application in response to demand?

- ☐ AWS ElastiCache
- ☐ Amazon Elastic Load Balancing
- ☐ AWS Auto Scaling
- ☐ Amazon DynamoDB

11. Question

Which service can be used to help you to migrate databases to AWS quickly and securely?

- ☐ AWS KMS
- ☐ AWS SMS
- ☐ AWS DMS
- ☐ AWS Migration Hub

12. Question

Which AWS support plan should you use if you need a response time of < 15 minutes for a business-critical system failure?

- ☐ Enterprise
- ☐ Business
- ☐ Developer
- ☐ Basic

13. Question

Which statement below is incorrect in relation to Security Groups?

- ☐ Operate at the instance level
- ☐ Evaluate all rules
- ☐ Support allow rules only
- ☐ Stateless

14. Question

Which AWS service can be used to process a large amount of data using the Hadoop framework?

- ☐ Amazon Athena
- ☐ Amazon Kinesis

☒ AWS Glue

☒ Amazon EMR

15. Question

Which storage service allows you to connect multiple EC2 instances concurrently using file-level protocols?

☒ Amazon Glacier

☒ Amazon EFS

☒ Amazon EBS

☒ Amazon S3

16. Question

Which AWS service can an organization use to automate operational tasks on EC2 instances using existing Chef cookbooks?

☒ AWS CodeDeploy

☒ AWS Config

☒ AWS Service Catalog

☒ AWS OpsWorks

17. Question

What advantages does deploying Amazon CloudFront provide? (choose 2)

☐ Reduced latency

☐ A private network link to the AWS cloud

☐ Improved performance for end users

☐ Automated deployment of resources

☐ Provides serverless compute services

18. Question

What benefits does Amazon EC2 provide over using non-cloud servers? (choose 2)

☐ Elastic web-scale computing

☐ Complete control of the hypervisor layer

☐ High-availability with an SLA of 99.999%

- ☐ Inexpensive
- ☐ Fault tolerance

19. Question

Which of the following statements is correct in relation to consolidated billing? (choose 2)

- ☐ Volume pricing discounts cannot be applied to resources
- ☐ Paying accounts are independent and cannot access resources of other accounts
- ☐ Used to consolidate billing across organizations
- ☐ One bill is provided per AWS organization
- ☐ Only available to Enterprise customers

20. Question

Which service records API activity on your account and delivers log files to an Amazon S3 bucket?

- ☒ Amazon CloudWatch
- ☒ Amazon S3 Event Notifications
- ☒ Amazon CloudTrail
- ☒ Amazon CloudWatch Logs

21. Question

When instantiating compute resources, what are two techniques for using automated, repeatable processes that are fast and avoid human error? (choose 2)

- ☐ Infrastructure as code
- ☐ Fault tolerance
- ☐ Bootstrapping
- ☐ Snapshotting
- ☐ Performance monitoring

22. Question

Which services are integrated with KMS encryption? (choose 2)

- ☐ Amazon EBS
- ☐ Amazon EC2
- ☐ Amazon RDS

☐ AWS CloudFormation

☐ Amazon SWF

23. Question

What are two ways that moving to an AWS cloud can benefit an organization? (choose 2)

☐ Switch to a CAPEX model

☐ Increase speed and agility

☐ Stop guessing about capacity

☐ Depreciate assets over a longer timeframe

☐ Gain greater control of data center security

24. Question

Which service can be used for building and integrating loosely-coupled, distributed applications?

☒ Amazon EFS

☒ Amazon EBS

☒ Amazon RDS

☒ Amazon SNS

25. Question

A company plans to create a hybrid cloud architecture. What technology will allow them to create a hybrid cloud?

☒ Elastic Network Interface

☒ Internet Gateway

☒ VPC Peering

☒ Direct Connect

26. Question

Which of the statements below is accurate regarding Amazon S3 buckets? (choose 2)

☐ Buckets are region-specific

☐ Buckets can contain other buckets

☐ Buckets are replicated globally

☐ Bucket names must be unique globally

- ☐ Bucket names must be unique regionally

27. Question

What benefits are provided by Amazon CloudFront? (choose 2)

- ☐ Content is cached at Edge Locations for fast distribution to customers
- ☐ Used to enable private subnet instances to access the Internet
- ☐ Provides a worldwide distributed DNS service
- ☐ Built-in Distributed Denial of Service (DDoS) attack protection
- ☐ Allows you to register domain names

28. Question

Which AWS storage technology can be considered a “virtual hard disk in the cloud”?

- ☐ Amazon Glacier archive
- ☐ Amazon S3 object
- ☐ Amazon Elastic Block Storage (EBS) volume
- ☐ Amazon Elastic File Storage (EFS) filesystem

29. Question

Which AWS service is primarily used for software version control?

- ☐ AWS CodeStar
- ☐ AWS CodeCommit
- ☐ AWS CodeDeploy
- ☐ AWS Cloud9

30. Question

Which service supports the resolution of public domain names to IP addresses or AWS resources?

- ☐ Amazon Route 53
- ☐ Amazon CloudFront
- ☐ Amazon SNS
- ☐ Hosted Zones

31. Question

The IAM service can be used to manage which objects? (choose 2)

- ☐ Roles
- ☐ Access policies
- ☐ Security groups
- ☐ Network ACLs
- ☐ Key pairs

32. Question

A company would like to maximize their potential volume and RI discounts across multiple accounts and also apply service control policies on member accounts. Which service or tool can they use to gain these benefits?

- ☒ AWS IAM
- ☒ AWS Organizations
- ☒ AWS Cost Explorer
- ☒ AWS Budgets

33. Question

Which AWS service allows you to connect to storage from on-premise servers using standard file protocols?

- ☒ Amazon Glacier
- ☒ Amazon EBS
- ☒ Amazon S3
- ☒ Amazon EFS

34. Question

What method can you use to take a backup of an Amazon EC2 instance using AWS tools?

- ☒ Take a snapshot to capture the point-in-time state of the instance
- ☒ Use Cross Region Replication (CRR) to copy the instance to another region
- ☒ Take application-consistent backups using the EC2 API
- ☒ Take full and incremental file-level backups using the backup console

35. Question

Which service can be used to track the CPU usage of an EC2 instance?

- ☒ Amazon CloudTrail

- ☒ Amazon CloudFront
- ☒ Amazon CloudWatch
- ☒ Amazon CloudFormation

36. Question

For which services does Amazon not charge customers? (choose 2)

- ☐ Amazon EBS
- ☐ Amazon S3
- ☐ Amazon CloudFormation
- ☐ Amazon VPC
- ☐ Amazon SNS

37. Question

Which items can be configured from within the VPC management console? (choose 2)

- ☐ Auto Scaling
- ☐ Security Groups
- ☐ Load Balancing
- ☐ Regions
- ☐ Subnets

38. Question

Which service can you use to provision a preconfigured server with little to no AWS experience?

- ☒ AWS Lambda
- ☒ Amazon Elastic Beanstalk
- ☒ Amazon EC2
- ☒ Amazon Lightsail

39. Question

Identify the services that have a global (rather than regional) scope? (choose 2)

- ☐ Amazon CloudFront
- ☐ Amazon S3

- ☐ Amazon EC2
- ☐ AWS Lambda
- ☐ Amazon Route 53

40. Question

What is the most cost-effective support plan that should be selected to provide at least a 1-hour response time for a production system failure?

- ☐ Developer
- ☐ Basic
- ☐ Business
- ☐ Enterprise

41. Question

How can an organization compare the cost of running applications in an on-premise or colocation environment against the AWS cloud?

- ☐ AWS Budgets
- ☐ AWS Simple Monthly Calculator
- ☐ TCO Calculator
- ☐ AWS Cost Explorer

42. Question

What strategy can assist with allocating metadata to AWS resources for cost tracking and visibility?

- ☐ Tagging
- ☐ Categorizing
- ☐ Access Control
- ☐ Labelling

43. Question

What considerations are there when choosing which region to use? (choose 2)

- ☐ Available storage capacity
- ☐ Pricing in local currency
- ☐ Available compute capacity

☐ Data sovereignty

☐ Latency

44. Question

Which AWS service is used to enable multi-factor authentication?

☐ Amazon EC2

☐ AWS IAM

☐ Amazon STS

☐ AWS KMS

45. Question

Which feature of AWS allows you to deploy a new application for which the requirements may change over time?

☐ Elasticity

☐ High availability

☐ Fault tolerance

☐ Disposable resources

46. Question

Which of the following is a method of backup available in the AWS cloud?

☐ EBS Snapshots

☐ Availability Zones

☐ Route 53 Alias Record

☐ EFS File Systems

47. Question

Which feature can you use to grant read/write access to an Amazon S3 bucket?

☐ IAM Group

☐ IAM Policy

☐ IAM Role

☐ IAM User

48. Question

Which service allows you to run code as functions without needing to provision or manage servers?

- ☐ AWS Lambda
- ☐ Amazon CodeDeploy
- ☐ Amazon EC2
- ☐ Amazon EKS

49. Question

Which statement below is incorrect in relation to Network ACLs?

- ☐ Stateless
- ☐ Process rules in order
- ☐ Support allow and deny rules
- ☐ Operate at the Availability Zone level

50. Question

Which feature of Amazon Rekognition can assist with saving time?

- ☐ Provides on-demand access to compliance-related information
- ☐ Identification of objects in images and videos
- ☐ Identification of the language of text in a document
- ☐ Adds automatic speech recognitions (ASR) to applications

51. Question

Which AWS service can be used to convert video and audio files from their source format into versions that will playback on devices like smartphones, tablets and PC?

- ☐ Auto Scaling
- ☐ Elastic Load Balancer
- ☐ Elastic Beanstalk
- ☐ Elastic Transcoder

52. Question

Which type of cloud deployment enables customers to leverage the benefits of the public cloud and co-existing with on-premises infrastructure?

- ☐ Public Cloud
- ☐ Private Cloud

☒ Legacy IT Infrastructure

☒ Hybrid Cloud

53. Question

Which AWS service allows you to use block-based volumes on-premise that are then asynchronously backed up to Amazon S3?

☒ AWS Storage Gateway Volume Gateway

☒ Amazon S3 Multi-Part upload

☒ AWS Storage Gateway File Gateway

☒ Amazon S3 Transfer Acceleration

54. Question

Which type of Amazon Elastic Load Balancer operates at layer 7 of the OSI model?

☒ Application Load Balancer

☒ Network Load Balancer

☒ F5 Load Balancer

☒ Classic Load Balancer

55. Question

Which of the following are features of Amazon CloudWatch? (choose 2)

☐ Can be accessed via API, command-line interface, AWS SDKs, and the AWS Management Console

☐ Used for auditing of API calls

☐ Provides visibility into user activity by recording actions taken on your account

☐ Records account activity and service events from most AWS services

☐ Used to gain system-wide visibility into resource utilization

56. Question

Under the shared responsibility model, what are examples of shared controls? (choose 2)

☐ Service and Communications Protection

☐ Physical and environmental

☐ Storage system patching

☐ Patch management

- ☐ Configuration management

57. Question

Under the AWS shared responsibility model what is the customer responsible for? (choose 2)

- ☐ Patch management of infrastructure
- ☐ Physical security of the data center
- ☐ Encryption of customer data
- ☐ Replacement and disposal of disk drives
- ☐ Configuration of security groups

58. Question

Which services can be used for asynchronous integration between application components? (choose 2)

- ☐ Amazon SQS
- ☐ AWS CloudFormation
- ☐ AWS Route 53
- ☐ Amazon Step Functions
- ☐ Amazon EC2 Auto Scaling

59. Question

Which AWS database service supports complex queries and joins and is suitable for a transactional database deployment?

- ☒ Amazon RedShift
- ☒ Amazon EMR
- ☒ Amazon RDS
- ☒ Amazon DynamoDB

60. Question

What is the most cost-effective EC2 pricing option to use for a non-critical overnight workload?

- ☒ On-Demand
- ☒ Spot
- ☒ Dedicated Host
- ☒ Reserved Instance