vce trainer



# Reference Solution for AWS Certified Cloud Practitioner.59q

AWSCloudPractitioner

AWS Certified Cloud Practitioner (CLF-C01)

Score: 800/1000


Licensed to Berend Post berend.post@it-university.nl

Version:

Time Limit: 120 Minutes


Licensed to Berend Post berend.post@it-university.nl

# Exam A (59 questions)

## *Question 1*

What approach to transcoding a large number of individual video files adheres to AWS architecture principles?

- ☒ Using many instances in parallel
- ☐ Using a single large instance during off-peak hours
- ☐ Using dedicated hardware
- ☐ Using a large GPU instance type

Explanation:

Reference: https://aws.amazon.com/solutions/case-studies/encoding/

## *Question 2*

Where can AWS compliance and certification reports be downloaded?

- ☒ AWS Artifact
- ☐ AWS Concierge
- ☐ AWS Certificate Manager
- ☐ AWS Trusted Advisor

Explanation:

Explanation:

WS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to AWS's security and compliance reports and select online agreements. The AWS SOC 2 report is particularly helpful for completing questionnaires because it provides a comprehensive description of the implementation and operating effectiveness of AWS security controls. Another useful document is the Executive Briefing within the AWS FedRAMP Partner Package.

Reference: https://aws.amazon.com/compliance/faq/

## *Question 3*

What is the AWS customer responsible for according to the AWS shared responsibility model?

- ☐ Physical access controls
- ☒ Data encryption
- ☐ Secure disposal of storage devices
- ☐ Environmental risk management


Licensed to Berend Post berend.post@it-university.nl

## Question 4

A company is looking for a scalable data warehouse solution.

Which of the following AWS solutions would meet the company's needs?

- ☐ Amazon Simple Storage Service (Amazon S3)
- ☐ Amazon DynamoDB
- ☐ Amazon Kinesis
- ☒ Amazon Redshift

Explanation:

Reference: https://aws.amazon.com/redshift/

## Question 5

Which of the following are features of Amazon CloudWatch Logs? (Select TWO.)

- ☐ Summaries by Amazon Simple Notification Service (Amazon SNS)
- ☐ Free Amazon Elasticsearch Service analytics
- ☐ Provided at no charge
- ☒ Real-time monitoring
- ☒ Adjustable retention

## Question 6

Which AWS characteristics make AWS cost effective for a workload with dynamic user demand? (Select TWO.)

- ☐ High availability
- ☐ Shared security model
- ☒ Elasticity
- ☒ Pay-as-you-go pricing
- ☐ Reliability

## Question 7

Which of the Reserved Instance (RI) pricing models can change the attributes of the RI as long as the exchange results in the creation of RIs of equal or greater value?

- ☐ Dedicated RIs
- ☐ Scheduled RIs
- ☒ Convertible RIs
- ☐ Standard RIs

Explanation:

Reference: https://aws.amazon.com/ec2/pricing/reserved-instances/


Licensed to Berend Post berend.post@it-university.nl

## Question 8

Which service enables risk auditing by continuously monitoring and logging account activity, including user actions in the AWS Management Console and AWS SDKs?

- ☐ Amazon CloudWatch
- ☒ AWS CloudTrail
- ☐ AWS Config
- ☐ AWS Health

Explanation:

Reference: https://aws.amazon.com/cloudtrail/

## Question 9

Which task is AWS responsible for in the shared responsibility model for security and compliance?

- ☐ Granting access to individuals and services
- ☒ Encrypting data in transit
- ☐ Updating Amazon EC2 host firmware
- ☐ Updating operating systems

Explanation:

Explanation:

AWS Compliance enables customers to establish and operate in an AWS security control environment

The shared responsibility model is part of AWS Compliance program

The Security of the cloud is managed by Amazon AWS provider

The Security in the cloud is responsibility of the customer

The customer is responsible for their information and data, their secure transmission, integrity, and encryption

Also, the customer is responsible for managing, support, patching and control of the guest operating system and AWS services provided like EC2

AWS customers retain control and ownership of their data

The AWS network provides significant protection against traditional network security issues and the customer can implement further protection

Reference: https://www.whizlabs.com/blog/aws-security-shared-responsibility/


Licensed to Berend Post berend.post@it-university.nl

## Question 10

Amazon Relational Database Service (Amazon RDS) offers which of the following benefits over traditional database management?

- ☒ AWS manages the data stored in Amazon RDS tables.
- ☐ AWS manages the maintenance of the operating system.
- ☐ AWS automatically scales up instance types on demand.
- ☐ AWS manages the database type.

Explanation:

Reference: https://www.sumologic.com/blog/migrating-aws-database-services/

## Question 11

Which of the following is the customer's responsibility under the AWS shared responsibility model?

- ☐ Patching underlying infrastructure
- ☐ Physical security
- ☒ Patching Amazon EC2 instances
- ☐ Patching network infrastructure

Explanation:

Reference: https://aws.amazon.com/compliance/shared-responsibility-model/

## Question 12

Which of the following is a fast and reliable NoSQL database service?

- ☐ Amazon Redshift
- ☐ Amazon RDS
- ☒ Amazon DynamoDB
- ☐ Amazon S3

Explanation:

Reference: https://aws.amazon.com/dynamodb/

## Question 13

Which of the following is an AWS Cloud architecture design principle?

- ☐ Implement single points of failure.
- ☒ Implement loose coupling.
- ☐ Implement monolithic design.
- ☐ Implement vertical scaling.

Explanation:

Explanation:


Licensed to Berend Post berend.post@it-university.nl

Loose coupling between services can also be done through asynchronous integration. It involves one component that generates events and another that consumes them. The two components do not integrate through direct point-to-point interaction, but usually through an intermediate durable storage layer. This approach decouples the two components and introduces additional resiliency. So, for example, if a process that is reading messages from the queue fails, messages can still be added to the queue to be processed when the system recovers.

Reference: https://www.botmetric.com/blog/aws-cloud-architecture-design-principles/

## *Question 14*

Which of the following can an AWS customer use to launch a new Amazon Relational Database Service (Amazon RDS) cluster? (Select TWO.)

- ☒ AWS Concierge
- ☐ AWS CloudFormation
- ☐ Amazon Simple Storage Service (Amazon S3)
- ☐ Amazon EC2 Auto Scaling
- ☒ AWS Management Console

## *Question 15*

Which of the following AWS Cloud services can be used to run a customer-managed relational database?

- ☐ Amazon EC2
- ☐ Amazon Route 53
- ☐ Amazon ElastiCache
- ☒ Amazon DynamoDB

## *Question 16*

Which of the following features can be configured through the Amazon Virtual Private Cloud (Amazon VPC) Dashboard? (Select TWO.)

- ☐ Amazon CloudFront distributions
- ☐ Amazon Route 53
- ☒ Security Groups
- ☒ Subnets
- ☐ Elastic Load Balancing

Explanation:

Explanation:

Amazon Virtual Private Cloud (Amazon VPC) lets you provision a logically isolated section of the AWS Cloud where you can launch AWS resources in a virtual network that you define. You have complete


Licensed to Berend Post berend.post@it-university.nl

control over your virtual networking environment, including selection of your own IP address range, creation of subnets, and configuration of route tables and network gateways. You can use both IPv4 and IPv6 in your VPC for secure and easy access to resources and applications.

You can easily customize the network configuration for your Amazon VPC. For example, you can create a public-facing subnet for your web servers that has access to the Internet, and place your backend systems such as databases or application servers in a private-facing subnet with no Internet access. You can leverage multiple layers of security, including security groups and network access control lists, to help control access to Amazon EC2 instances in each subnet.

Reference: https://aws.amazon.com/vpc/

## *Question 17*

Which of the following is an important architectural design principle when designing cloud applications?

- ☒ Use multiple Availability Zones.
- ☐ Use tightly coupled components.
- ☐ Use open source software.
- ☐ Provision extra capacity.

Explanation:

Explanation:

Data Center resilience is practiced through Availability Zones across data centers that reduce the impact of failures.

Fault isolation improvement can be made to traditional horizontal scaling by sharding (a method of grouping instances into groups called shards, instead of sending the traffic from all users to every node like in the traditional IT structure.)

Reference: https://www.botmetric.com/blog/aws-cloud-architecture-design-principles/

## *Question 18*

For which auditing process does AWS have sole responsibility?

- ☐ AWS IAM policies
- ☒ Physical security
- ☐ Amazon S3 bucket policies
- ☐ AWS CloudTrail Logs


Licensed to Berend Post berend.post@it-university.nl

## Question 19

Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?

- ☐ Amazon RDS
- ☒ Amazon EC2
- ☐ Amazon ElastiCache
- ☐ AWS Fargate

Explanation:

Explanation:

The customer is responsible for managing, support, patching and control of the guest operating system and AWS services provided like EC2.

Reference: https://www.whizlabs.com/blog/aws-security-shared-responsibility/

## Question 20

Which of the following is a benefit of using the AWS Cloud?

- ☐ Permissive security removes the administrative burden.
- ☒ Ability to focus on revenue-generating activities.
- ☐ Control over cloud network hardware.
- ☐ Choice of specific cloud hardware vendors.

Explanation:

Explanation:

Developer and IT staff productivity accounted for nearly 30% of overall financial benefits. The remaining benefits were driven by the flexibility and agility of Amazon cloud infrastructure services, which make it easier to trial new business models, support revenue-generating applications, and provide more reliable services to end users.

Reference:
https://media.amazonwebservices.com/IDC_Business_Value_of_AWS_Accelerates_Over_time.pdf


Licensed to Berend Post berend.post@it-university.nl

## Question 21

Which Amazon EC2 pricing model adjusts based on supply and demand of EC2 instances?

- ☐ On-Demand Instances
- ☐ Reserved Instances
- ☒ Spot Instances
- ☐ Convertible Reserved Instances

Explanation:

Explanation:

In the new model, the Spot prices are more predictable, updated less frequently, and are determined by supply and demand for Amazon EC2 spare capacity, not bid prices.

Reference: https://aws.amazon.com/blogs/compute/new-amazon-ec2-spot-pricing/

## Question 22

Which of the following are categories of AWS Trusted Advisor? (Select TWO.)

- ☒ Fault Tolerance
- ☐ Instance Usage
- ☐ Infrastructure
- ☒ Performance
- ☐ Storage Capacity

Explanation:

Explanation:

Like your customized cloud expert, AWS Trusted Advisor analyzes your AWS environment and provides best practice recommendations in five categories: cost optimization, performance, security, fault tolerance and service limits.

Reference: https://aws.amazon.com/premiumsupport/technology/trusted-advisor/

## Question 23

If a customer needs to audit the change management of AWS resources, which of the following AWS services should the customer use?

- ☒ AWS Config
- ☐ AWS Trusted Advisor
- ☐ Amazon CloudWatch
- ☐ Amazon Inspector

Explanation:

Explanation:


Licensed to Berend Post berend.post@it-university.nl

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations. With Config, you can review changes in configurations and relationships between AWS resources, dive into detailed resource configuration histories, and determine your overall compliance against the configurations specified in your internal guidelines. This enables you to simplify compliance auditing, security analysis, change management, and operational troubleshooting.

Reference: https://aws.amazon.com/config/

## *Question 24*

A characteristic of edge locations is that they:

- ☐ host Amazon EC2 instances closer to users.
- ☐ help lower latency and improve performance for users.
- ☒ cache frequently changing data without reaching the origin server.
- ☐ refresh data changes daily.

Explanation:

Reference: https://www.edureka.co/community/600/what-is-an-edge-location-in-aws

## *Question 25*

Which of the following security-related actions are available at no cost?

- ☐ Calling AWS Support
- ☐ Contacting AWS Professional Services to request a workshop
- ☒ Accessing forums, blogs, and whitepapers
- ☐ Attending AWS classes at a local university

## *Question 26*

Which AWS service allows companies to connect an Amazon VPC to an on-premises data center?

- ☐ AWS VPN
- ☐ Amazon Redshift
- ☐ API Gateway
- ☒ Amazon Direct Connect

Explanation:

Explanation:

AWS Direct Connect enables you to securely connect your AWS environment to your on-premises data center or office location over a standard 1 gigabit or 10 gigabit Ethernet fiber-optic connection. AWS Direct Connect offers dedicated high speed, low latency connection, which bypasses internet


Licensed to Berend Post berend.post@it-university.nl

service providers in your network path. An AWS Direct Connect location provides access to Amazon Web Services in the region it is associated with, as well as access to other US regions. AWS Direct Connect allows you to logically partition the fiber-optic connections into multiple logical connections called Virtual Local Area Networks (VLAN). You can take advantage of these logical connections to improve security, differentiate traffic, and achieve compliance requirements.

Reference: https://aws.amazon.com/getting-started/projects/connect-data-center-to-aws/

## *Question 27*

A company wants to reduce the physical compute footprint that developers use to run code.

Which service would meet that need by enabling serverless architectures?

- ☐ Amazon Elastic Compute Cloud (Amazon EC2)
- ☒ AWS Lambda
- ☐ Amazon DynamoDB
- ☐ AWS CodeCommit

Explanation:

Explanation:

AWS Lambda is an integral part of coding on AWS. It reduces physical compute footprint by utilizing aws cloud services to run code.

## *Question 28*

Compared with costs in traditional and virtualized data centers, AWS has:

- ☐ greater variable costs and greater upfront costs.
- ☐ fixed usage costs and lower upfront costs.
- ☐ lower variable costs and greater upfront costs.
- ☒ lower variable costs and lower upfront costs.

Explanation:

Reference: https://d1.awsstatic.com/whitepapers/introduction-to-aws-cloud-economics-final.pdf (10)


Licensed to Berend Post berend.post@it-university.nl

## Question 29

Which of the following are characteristics of Amazon S3? (Select TWO.)

- ☒ A global file system
- ☒ An object store
- ☐ A local file store
- ☐ A network file system
- ☐ A durable storage system

## Question 30

Which of the following can limit Amazon Storage Service (Amazon S3) bucket access to specific users?

- ☐ A public and private key-pair
- ☐ Amazon Inspector
- ☒ AWS Identity and Access Management (IAM) policies
- ☐ Security Groups

Explanation:

Reference: https://aws.amazon.com/blogs/security/how-to-restrict-amazon-s3-bucket-access-to-a-specific-iam-role/

## Question 31

Which options does AWS make available for customers who want to learn about security in the cloud in an instructor-led setting? (Select TWO.)

- ☐ AWS Trusted Advisor
- ☐ AWS Online Tech Talks
- ☒ AWS Blog
- ☐ AWS Forums
- ☒ AWS Classroom Training

Explanation:

Explanation:

AWS Training and Certification builds your competence, confidence, and credibility through practical cloud skills that help you innovate and build your future. Our content is built by experts at AWS and updated regularly so you're always learning the latest and keeping your cloud skills fresh.

Amazon offer both digital and classroom training including private on-site training. You can choose to learn online at your own pace or learn from an accredited AWS instructor. Whether you're just starting out, building on existing IT skills, or sharpening your cloud knowledge, AWS Training and Certification can help you be more effective and do more in the cloud.


Licensed to Berend Post berend.post@it-university.nl

Reference: https://aws.amazon.com/training/course-descriptions/

## Question 32

Which AWS IAM feature allows developers to access AWS services through the AWS CLI?

- ☐ API keys
- ☐ Access keys
- ☐ User names/Passwords
- ☒ SSH keys

## Question 33

Where should a company go to search software listings from independent software vendors to find, test, buy and deploy software that runs on AWS?

- ☒ AWS Marketplace
- ☐ Amazon Lumberyard
- ☐ AWS Artifact
- ☐ Amazon CloudSearch

Explanation:

Explanation:

AWS Marketplace is a digital catalog with thousands of software listings from independent software vendors that make it easy to find, test, buy, and deploy software that runs on AWS.

Reference: https://aws.amazon.com

## Question 34

What is the lowest-cost, durable storage option for retaining database backups for immediate retrieval?

- ☒ Amazon S3
- ☐ Amazon Glacier
- ☐ Amazon EBS
- ☐ Amazon EC2 Instance Store


Licensed to Berend Post berend.post@it-university.nl

## Question 35

One of the advantages to moving infrastructure from an on-premises data center to the AWS Cloud is:

- ☐ it allows the business to eliminate IT bills.
- ☐ it allows the business to put a server in each customer's data center.
- ☒ it allows the business to focus on business activities.
- ☐ it allows the business to leave servers unpatched.

## Question 36

A customer is deploying a new application and needs to choose an AWS Region.

Which of the following factors could influence the customer's decision? (Select TWO.)

- ☒ Reduced latency to users
- ☐ The application's presentation in the local language
- ☒ Data sovereignty compliance
- ☐ Cooling costs in hotter climates
- ☐ Proximity to the customer's office for on-site visits

## Question 37

What is Amazon CloudWatch?

- ☐ A code repository with customizable build and team commit features.
- ☒ A metrics repository with customizable notification thresholds and channels.
- ☐ A security configuration repository with threat analytics.
- ☐ A rule repository of a web application firewall with automated vulnerability prevention features.

Explanation:

Explanation:

Amazon CloudWatch is basically a metrics repository. An AWS service — such as Amazon EC2 — puts metrics into the repository, and you retrieve statistics based on those metrics. If you put your own custom metrics into the repository, you can retrieve statistics on these metrics as well.

Reference: https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/cloudwatch_architecture.html


Licensed to Berend Post berend.post@it-university.nl

## Question 38

Which storage service can be used as a low-cost option for hosting static websites?

- ☐ Amazon Glacier
- ☐ Amazon DynamoDB
- ☐ Amazon Elastic File System (Amazon EFS)
- ☒ Amazon Simple Storage Service (Amazon S3)

Explanation:

Reference: https://aws.amazon.com/getting-started/projects/host-static-website/

## Question 39

Which feature of the AWS Cloud will support an international company's requirement for low latency to all of its customers?

- ☐ Fault tolerance
- ☐ Global reach
- ☐ Pay-as-you-go pricing
- ☒ High availability

Explanation:

Reference: https://aws.amazon.com/about-aws/global-infrastructure/

## Question 40

Which AWS service provides the ability to manage infrastructure as code?

- ☐ AWS CodePipeline
- ☐ AWS CodeDeploy
- ☐ AWS Direct Connect
- ☒ AWS CloudFormation

Explanation:

Explanation:

AWS CloudFormation provides a common language for you to describe and provision all the infrastructure resources in your cloud environment. CloudFormation allows you to use a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts. This file serves as the single source of truth for your cloud environment.

Reference: https://aws.amazon.com/cloudformation/


Licensed to Berend Post berend.post@it-university.nl

## Question 41

Which of the following common IT tasks can AWS cover to free up company IT resources? (Select TWO.)

- ☐ Patching databases software
- ☒ Testing application releases
- ☐ Backing up databases
- ☐ Creating database schema
- ☒ Running penetration tests

## Question 42

Which AWS support plan includes a dedicated Technical Account Manager?

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

Explanation:

Explanation:

The enterprise support plans supports technical account manager. Developer and business support plans are devoid of this facility.

Reference: https://aws.amazon.com/premiumsupport/plans/

## Question 43

Under the shared responsibility model, which of the following is a shared control between a customer and AWS?

- ☐ Physical controls
- ☐ Patch management
- ☒ Zone security
- ☐ Data center auditing

Explanation:

Explanation:

Shared Controls – Controls which apply to both the infrastructure layer and customer layers, but in completely separate contexts or perspectives. In a shared control, AWS provides the requirements for the infrastructure and the customer must provide their own control implementation within their use of AWS services. Examples include:


Licensed to Berend Post berend.post@it-university.nl

Patch Management – AWS is responsible for patching and fixing flaws within the infrastructure, but customers are responsible for patching their guest OS and applications.

Configuration Management – AWS maintains the configuration of its infrastructure devices, but a customer is responsible for configuring their own guest operating systems, databases, and applications.

Awareness & Training – AWS trains AWS employees, but a customer must train their own employees.

Customer Specific – Controls which are solely the responsibility of the customer based on the application they are deploying within AWS services. Examples include:

- Service and Communications Protection or Zone Security which may require a customer to route or zone data within specific security environments.

Reference: https://aws.amazon.com/compliance/shared-responsibility-model/

## *Question 44*

Which service allows a company with multiple AWS accounts to combine its usage to obtain volume discounts?

- ☐ AWS Server Migration Service
- ☒ AWS Organizations
- ☐ AWS Budgets
- ☐ AWS Trusted Advisor

Explanation:

Explanation:

use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a master account that pays the charges of all the member accounts.

Consolidated billing has the following benefits:

One bill – You get one bill for multiple accounts.

Easy tracking – You can track the charges across multiple accounts and download the combined cost and usage data.

Combined usage – You can combine the usage across all accounts in the organization to share the volume pricing discounts and Reserved Instance discounts. This can result in a lower charge for your project, department, or company than with individual standalone accounts. For more information, see Volume Discounts.

No extra fee – Consolidated billing is offered at no additional cost.


Licensed to Berend Post berend.post@it-university.nl

## Question 45

A customer is using multiple AWS accounts with separate billing.

How can the customer take advantage of volume discounts with minimal impact to the AWS resources?

- ☐ Create one global AWS acount and move all AWS resources to tha account.
- ☐ Sign up for three years of Reserved Instance pricing up front.
- ☒ Use the consolidated billing feature from AWS Organizations.
- ☐ Sign up for the AWS Enterprise support plan to get volume discounts.

Explanation:

Reference: https://aws.amazon.com/answers/account-management/aws-multi-account-billing-strategy/

## Question 46

Which of the following is a shared control between the customer and AWS?

- ☐ Providing a key for Amazon S3 client-side encryption
- ☐ Configuration of an Amazon EC2 instance
- ☐ Environmental controls of physical AWS data centers
- ☒ Awareness and training

Explanation:

Reference: https://aws.amazon.com/compliance/shared-responsibility-model/

## Question 47

Which AWS services can be used to gather information about AWS account activity? (Select TWO.)

- ☐ Amazon CloudFront
- ☐ AWS Cloud9
- ☒ AWS CloudTrail
- ☐ AWS CloudHSM
- ☒ Amazon CloudWatch

Explanation:

Explanation:

AWS offers a solution that uses AWS CloudTrail to log account activity, Amazon Kinesis to compute and stream metrics in real-time, and Amazon DynamoDB to durably store the computed data. Metrics are calculated for create, modify, and delete API calls for more than 60 supported AWS services. The solution also features a dashboard that visualizes your account activity in real-time.

Reference: https://aws.amazon.com/solutions/real-time-insights-account-activity/


Licensed to Berend Post berend.post@it-university.nl

## Question 48

What is an example of agility in the AWS Cloud?

- ☐ Access to multiple instance types
- ☐ Access to managed services
- ☐ Using Consolidated Billing to produce one bill
- ☒ Decreased acquisition time for new compute resources

Explanation:

Reference: https://aws.amazon.com/blogs/enterprise-strategy/risk-is-lack-of-agility/

## Question 49

Which of the following is an AWS managed Domain Name System (DNS) web service?

- ☒ Amazon Route 53
- ☐ Amazon Neptune
- ☐ Amazon SageMaker
- ☐ Amazon Lightsail

Explanation:

Reference: https://aws.amazon.com/getting-started/tutorials/get-a-domain/

## Question 50

Which of the following Reserved Instance (RI) pricing models provides the highest average savings compared to On-Demand pricing?

- ☐ One-year, No Upfront, Standard RI pricing
- ☐ One-year, All Upfront, Convertible RI pricing
- ☒ Three-year, All Upfront, Standard RI pricing
- ☐ Three-year, No Upfront, Convertible RI pricing

Explanation:

Reference: https://aws.amazon.com/ec2/pricing/reserved-instances/pricing/


Licensed to Berend Post berend.post@it-university.nl

## Question 51

Which is the MINIMUM AWS Support plan that allows for one-hour target response time for support cases?

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

Explanation:

Reference: https://aws.amazon.com/premiumsupport/plans/

## Question 52

How many Availability Zones should compute resources be provisioned across to achieve high availability?

- ☐ A minimum of one
- ☒ A minimum of two
- ☐ A minimum of three
- ☐ A minimum of four or more

## Question 53

Which of the following is a component of the shared responsibility model managed entirely by AWS?

- ☐ Patching operating system software
- ☐ Encrypting data
- ☐ Enforcing multi-factor authentication
- ☒ Auditing physical data center assets

Explanation:

Explanation:

Of course, Amazon is responsible for auditing physical data center assets and resources since it is the property of Amazon Inc. Customers have no access to physical sites, hence they are not responsible for maintaining physical data center assets.

## Question 54

Which service should a customer use to consolidate and centrally manage multiple AWS accounts?

- ☐ AWS IAM
- ☒ AWS Organizations
- ☐ AWS Schema Conversion Tool
- ☐ AWS Config

Explanation:


Licensed to Berend Post berend.post@it-university.nl

Reference: https://aws.amazon.com/organizations/

## Question 55

Which Amazon EC2 instance pricing model can provide discounts of up to 90%?

- ☐ Reserved Instances
- ☐ On-Demand
- ☐ Dedicated Hosts
- ☒ Spot Instances

Explanation:

Reference: https://aws.amazon.com/ec2/spot/

## Question 56

Which of the following services could be used to deploy an application to servers running on-premises? (Select TWO.)

- ☐ AWS Elastic Beanstalk
- ☒ AWS OpsWorks
- ☒ AWS CodeDeploy
- ☐ AWS Batch
- ☐ AWS X-Ray

Explanation:

Reference: https://docs.aws.amazon.com/codedeploy/latest/userguide/instances-on-premises.html

https://aws.amazon.com/blogs/aws/opsworks-on-prem-and-existing-instances/

## Question 57

Which services can be used across hybrid AWS Cloud architectures? (Select TWO.)

- ☒ Amazon Route 53
- ☒ Virtual Private Gateway
- ☐ Classic Load Balancer
- ☐ Auto Scaling
- ☐ Amazon CloudWatch default metrics

Explanation:

Reference: https://www.stratoscale.com/blog/cloud/building-hybrid-cloud-environment-using-amazon-cloud/


Licensed to Berend Post berend.post@it-university.nl

## Question 58

Which of the following are advantages of AWS consolidated billing? (Select TWO.)

- ☒ The ability to receive one bill for multiple accounts
- ☐ Service limits increasing by default in all accounts
- ☐ A fixed discount on the monthly bill
- ☒ Potential volume discounts, as usage in all accounts is combined
- ☐ The automatic extension of the master account's AWS support plan to all accounts

Explanation:

Reference: https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html

## Question 59

Which AWS service provides alerts when an AWS event may impact a company's AWS resources?

- ☒ AWS Personal Health Dashboard
- ☐ AWS Service Health Dashboard
- ☐ AWS Trusted Advisor
- ☐ AWS Infrastructure Event Management

Explanation:

Explanation:

AWS Personal Health Dashboard provides alerts and remediation guidance when AWS is experiencing events that may impact you. While the Service Health Dashboard displays the general status of AWS services, Personal Health Dashboard gives you a personalized view into the performance and availability of the AWS services underlying your AWS resources.

Reference: https://aws.amazon.com/premiumsupport/technology/personal-health-dashboard/


Licensed to Berend Post berend.post@it-university.nl