

## Introduction to AWS Cloud – PreQuiz

1. Which cloud deployment model involves a single organization using a cloud service exclusively?

- ☐ Community Cloud
- ☐ Hybrid Cloud
- ☒ **Private Cloud**
- ☐ Public Cloud

2. In which of the following model application host completely on cloud.

- ☐ Hybrid
- ☒ **Public**
- ☐ On-prem
- ☐ Private

3. Select a benefit of a datacenter from the following options

- ☒ **Control**
- ☐ High Availability
- ☐ Scalability
- ☐ Cost Efficient

4. Which of the following service, customer has access to OS?

- ☐ SaaS

- ☐ PaaS
- ☐ CaaS
- ☒ IaaS

5. One of the benefit of the cloud is agility, resource can be provisioned with few click. True/False

Select one:

- ☒ **True**
- ☐ False

6. Which of the following is not a management interface in AWS

- ☒ **AWS Portal**
- ☐ AWS Management Console
- ☐ AWS SDK
- ☐ AWS CLI

7. What is cost optimization?

- ☐ Spending money without any budget constraints
- ☒ **Reduce expenses while maintaining quality**
- ☐ Maximizing spending on non-essential items
- ☐ Ignoring financial planning altogether

8. Customer has to choose the nearest \_\_\_\_\_ to the customers to reduce latency.

- ☐ Availability zone
- ☐ Data center

- ☐ Edge location
- ☒ **Region**

9. Which of the following is not a cloud service model?

- ☐ Infrastructure as a Service (IaaS)
- ☐ Software as a Service (SaaS)
- ☐ Platform as a Service (PaaS)
- ☒ **Operating System as a Service (OSaaS)**

10. What does SaaS stand for in cloud computing?

- ☐ Storage as a Service
- ☒ **Software as a Service**
- ☐ Software as a Solution
- ☐ System as a Service

## Introduction to AWS Cloud – PostQuiz

1. When did AWS start offering IT infrastructure services as web services?

- ☐ 2020
- ☐ 2012
- ☐ 2010
- ☒ **2006**

2. Which one of the following is Cloud Platform by Amazon?

- ☐ Cloudera

- ☐ GCP
- ☒ **AWS**
- ☐ Azure

3. Which of the following consists of one or more data centres?

- ☐ location
- ☐ Origin
- ☐ Region
- ☒ **AvailabilityZone**

4. AWS Cloud's global footprint enables you to easily deploy applications to consumers all around the world (True/False)

Select one:

- ☒ **True**
- ☐ False

5. When could a company decide to use a hybrid deployment model for cloud computing?

- ☐ To eliminate all legacy applications
- ☒ **To maintain legacy applications on premises**
- ☐ To use only cloud-based data and analytics services
- ☐ To fully comply with government regulations

6. AWS eliminate guessing on your infrastructure capacity needs.

Select one:

- ☒ **True**
- ☐ False

7. Which of the following is NOT a characteristic of cloud computing?

- ☐ On-demand self-service
- ☐ Resource pooling
- ☐ Broad network access
- ☒ **Limited scalability**

8. \_\_\_\_\_ eliminates the management of the underlying infrastructure (usually hardware and operating systems) and allows customer to focus on deploying and managing the applications.

- ☐ XaaS
- ☒ **PaaS**
- ☐ IaaS
- ☐ SaaS

9. Cloud computing is the on-demand delivery of cloud services via the Internet with pay-as-you-go pricing.

Select one:

- ☒ **True**
- ☐ False

10. How does cloud computing compare to traditional data centers in terms of obtaining new resources?

- ☐ Cloud computing takes weeks to obtain new resources.

- ☐ Traditional data centers are more agile in resource acquisition.
- ☒ **Cloud computing enables access to new resources in minutes.**
- ☐ Traditional data centers provide unlimited resources instantly.

## Technology Core AWS Services – PreQuiz

1. Which of the following storage class suitable for performance sensitive data?

- ☒ **S3 standard**
- ☐ S3 infrequent access
- ☐ S3 One Zone
- ☐ S3 Glacier

2. Which of the following is a general purpose Instance Type?

- ☐ p3.2xlarge
- ☒ **t2.micro**
- ☐ r5.4xlarge
- ☐ m4.large

3. S3 Bucket supports versioning? TRUE/FALSE

Select one:

- ☒ **True**
- ☐ False

4. What type of storage is S3?

- ☒ **Object Storage**

- ☐ File Storage
- ☐ Block Storage
- ☐ Network storage

5. In Amazon S3 a single object size can be ?

- ☐ 2TB
- ☐ 10TB
- ☒ **5TB**
- ☐ 1TB

6. What feature required to keep multiple variants of an object in the same bucket?

- ☐ Access Point
- ☐ Replication
- ☒ **Versioning**
- ☐ Encryption

7. Which of the following storage class store files in on Availability Zone

- ☒ **S3 One Zone**
- ☐ S3 Glacier
- ☐ S3 standard
- ☐ S3 infrequent access

8. Using S3, you can host\_\_\_\_\_

- ☐ Dynamic Website

- ☒ **Static Website**
- ☐ Php Application
- ☐ NodeJS application

9. When you create a bucket, by default the bucket is private

Select one:

- ☒ **True**
- ☐ False

10. Which service is used to create virtual machine in AWS?

- ☐ Amazon S3
- ☐ Elastic Beanstalk
- ☒ **Amazon EC2**
- ☐ Amazon RDS

## Technology Core AWS Services – PostQuiz

1. Which of the following is a valid EC2 instance type?

- ☒ **t2.micro**
- ☐ xlarge
- ☐ micro.t2
- ☐ xmax

2. EC2 instance type – \_\_\_\_\_ for compute-intensive workloads.

- ☐ General purpose



- ☒ **Computer Optimized**
- ☐ Memory Optimized
- ☐ Storage Optimized

3. Can you resize an EBS volume on a running EC2 instance?

- ☒ **Without downtime**
- ☐ With downtime
- ☐ Certain Volume type`
- ☐ Not possible

4. \_\_\_\_\_ is a master image which provides the information required for the creation of virtual servers known as EC2 instances in the AWS environment.

- ☐ IAM
- ☒ **AMI**
- ☐ MIA
- ☐ AIM

5. An Amazon EBS volume can be attached to multiple instances at a time.

- ☒ **True**
- ☐ False

6. Amazon EC2 Instances utilizes Intel® Xeon® processors for providing customers with high performance and value.

Select one:

- ☒ **True**
- ☐ False

7. Amazon EC2 Instances utilizes Intel® Xeon® processors for providing customers with high performance and value.

Select one:

- ☒ **True**
- ☐ False

8. What are the different types of instances? Choose all that apply

- ☒ **Storage Optimized**
- ☐ Power Optimized
- ☒ **Computer Optimized**
- ☒ **General purpose**

9. What is an AMI?

- ☐ AmazonMemory Image
- ☐ Amazon Memory instance
- ☒ **Amazon Machine Image**
- ☐ Amazon Instance

10. What is a virtual server platform that allows users to create and run virtual machines on Amazon's server farm.

- ☐ VM
- ☐ HSM
- ☐ EC5
- ☒ **EC2**

# AWS Resource for Tech Support – PreQuiz

1. AutoScaling increases/decreases the capacity of an EC2 instance automatically.(True/False)

Select one:

- ☒ **True**
- ☐ False

2. Which of the following database is keyvalue pair or document database.?

- ☐ Amazon Neptune
- ☐ Amazon Redshift
- ☐ Amazon RDS
- ☒ **Amazon DynamoDB**

3. Which of the following service is used for monitoring resources in AWS.

- ☒ **Amazon CloudWatch**
- ☐ Amazon EventBridge
- ☐ Amazon CloudTrail
- ☐ Amazon Cognito

4. How manual scaling is done in EC2 auto scaling

- ☐ Adjusting the load
- ☐ Adjusting Max size
- ☐ Adjusting Min size
- ☒ **Adjusting Desired capacity**

5. AWS DynamoDB is a serverless nosql database

Select one:

- ☒ **True**
- ☐ False

6. Which of the following entity used for temporary access to resources.

- ☐ Group
- ☒ **Role**
- ☐ User
- ☐ Policy

7. Monitoring the resources helps in \_\_\_\_\_

- ☒ **identify the unusual activities**
- ☒ **optimize usage**
- ☐ Filtering requests
- ☐ Record all API requests

8. Which of the following database service is postgresql and mysql compatible database.

- ☐ Amazon Redshift
- ☐ Amazon RDS
- ☐ Amazon Neptune
- ☒ **Amazon Aurora**

9. Which of the following is NOT a benefit of using Amazon CloudWatch?

- ☐ Customizable dashboards
- ☐ Alarm notifications
- ☐ Real-time monitoring
- ☒ **Automated resource provisioning**

10. Which CloudWatch component allows you to create and manage custom alarms?

- ☒ **CloudWatch Alarms**
- ☐ CloudWatch Logs
- ☐ CloudWatch Metrics
- ☐ CloudWatch Events

## AWS Resource for Tech Support – PostQuiz

1. Which of the following provides shared storage for Linux workloads

- ☐ S3
- ☐ FSX
- ☐ EBS
- ☒ **EFS**

2. Which of the following messaging services is based on pub/sub messaging model.

- ☒ **SNS**
- ☐ SQS

- ☐ STS
- ☐ SES

3. Cloudwatch can monitor custom metrics in-addition to built-in metrics.

Select one:

- ☒ **True**
- ☐ False

4. \_\_\_\_\_ is a serverless container orchestration service

- ☐ ECR
- ☐ ECS
- ☐ EKS
- ☒ **Fargate**

5. Which of the following is a serverless computing?

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

6. Which AWS service used for enabling asynchronous communication between services.

- ☐ STS
- ☐ SNS
- ☐ SES
- ☒ **SQS**

7. Which of the following load balancers support content based routing?

- ☐ Network Load Balancer
- ☒ **Application Load Balancer**
- ☐ All the options mentioned
- ☐ Classic Load Balancer

8. Which is the AWS service used for configuring Content Delivery Network(CDN)?

- ☐ Amazon ElastiCache
- ☐ Amazon CDN
- ☒ **Amazon CloudFront**
- ☐ Amazon CloudFormation

9. Which of the following database services support dynamic schema.

- ☐ Amazon RDS
- ☐ Amazon Aurora
- ☐ Amazon ElastiCache
- ☒ **Amazon DynamoDB**

10. Choose the infrastructure automation service from the given list?

- ☒ **Amazon CloudFormation**
- ☐ Amazon ElastiCache

- ☐ Amazon CloudFront
- ☐ Amazon EC2

## Security and Compliance – PreQuiz

1. To simplify the assignment of similar permission for many users, \_\_\_\_\_ is used.

- ☐ organizational units
- ☒ **groups**
- ☐ resource management
- ☐ root account

2. To organize and manage the AWS resources, \_\_\_\_\_ is used.

- ☐ resource management
- ☐ Administrative rights
- ☐ organizational units
- ☒ **resource groups**

3. Which of the below option is not a security best practice.

- ☐ Remove unnecessary users and credentials
- ☒ **Use AWS account root user for daily activities**
- ☐ Grant least privilege
- ☐ Use roles for applications



4. The method of authentication that enables the user to authenticate into multiple application with one set of credentials is \_\_\_\_\_

- ☒ **multifactor authentication**
- ☐ Single Sign on
- ☐ authentication
- ☐ authorization

5. Security in the cloud means customers are responsible for securing everything they deploy in the cloud

Select one:

- ☒ **True**
- ☐ False

6. The person or a workload who uses the AWS resources is known as \_\_\_\_\_

- ☐ Normal user
- ☐ Root user
- ☐ privileged user
- ☒ **AWS user**

7. Which of the following services are managed service

- ☒ **Amazon S3**
- ☐ Amazon EBS
- ☒ **Amazon RDS**
- ☐ Amazon EC2

8. Which service used to control access to the services and resources.

- ☐ Amazon KMS
- ☒ **Amazon IAM**
- ☐ AWS Shield
- ☐ AWS WAF

9. The addition layer of security along with the user credentials is

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- ☒ **multifactor authentication**
- ☐ Single Sign on
- ☐ authorization
- ☐ authentication

10. AWS is responsible for protecting the Global infrastructure based on shared responsibility model .

Select one:

- ☒ **True**
- ☐ False

## Security and Compliance – PostQuiz

1. Which AWS service used for automated security assessments

- ☐ AWS CloudHSM
- ☐ AWS Shield
- ☒ **AWS Inspector**
- ☐ AWS KMS

2. What is the primary purpose of AWS IAM?

- ☒ **Controlling access to AWS resources**
- ☐ Analyzing log data
- ☐ Scaling virtual machines
- ☐ Managing database instances

3. AWS is responsible for protecting the Global infrastructure based on shared responsibility model .

Select one:

- ☒ **True**
- ☐ False

4. IAM policies can be attached to \_\_\_\_\_

- ☒ **role**
- ☐ profile
- ☒ **user**
- ☒ **group**

5. Which of the following are best practices of IAM?

- ☐ Delete root user account
- ☐ Delete root user password.
- ☒ **Enable Multifactor authentication**
- ☒ **Delete access keys of root user**

6. What is the benefit of using IAM roles for EC2 instances?

- ☐ Automatic scaling of EC2 instances
- ☐ Improved security by avoiding the use of roles
- ☒ **Secure access to AWS services without storing credentials**
- ☐ Easier management of EC2 instances

7. How to set max permission for a user?

- ☐ Role
- ☐ Policy
- ☒ **Permission Boundry**
- ☐ Group

8. Which AWS service provides access to security and compliance documents?

- ☐ AWS CloudHSM
- ☒ **AWS Artifact**
- ☐ AWS Inspector
- ☐ AWS KMS

9. Which of the following entity allow a user to access AWS resources temporarily?

- ☒ **IAM Role**
- ☐ IAM User
- ☐ IAM Access Keys
- ☐ IAM Policy

10. Which AWS service protects applications running on AWS against DDoS attacks.

- ☐ AWS KMS
- ☐ AWS Inspector
- ☒ **AWS Shield**
- ☐ AWS IAM

## AWS Cloud Arch design Principles – PreQuiz

1. Which of the following is a best practice for cost optimization in AWS?

- ☐ Ignoring unused resources
- ☒ **Regularly reviewing and modifying**
- ☐ Over-provisioning resources
- ☐ Using expensive instance types

2. AWS IAM belongs to which pillar in Well Architected Framework?

- ☐ Performance Efficiency
- ☐ Operation Excellence
- ☒ **Security**
- ☐ Reliability

3. Well Architected Framework provide on-demand access to the best practices developed by architects(True/False)

- ☒ **True**

4. Which of the pillar responsible for automatic recovery?

- ☐ Performance Efficiency
- ☒ **Reliability**
- ☐ Cost Optimization
- ☐ Security

5. Which pillar of the Well-Architected Framework focuses on ensuring that information, systems, and assets are adequately protected?

- ☐ Reliability
- ☐ Cost Optimization
- ☒ **Security**
- ☐ Performance Efficiency

6. AWS WAF tool is used for reviewing existing infrastructure.

Select one:

- ☒ **True**
- ☐ False

7. Well Architected Framework designed to help you build the most secure, high-performing, resilient and efficient infrastructure(True/False)

- ☐ False
- ☒ **True**

8. Which of the following is not a AWS WAF pillar?

- ☐ Performance Efficiency
- ☒ **Availability**

- ☐ Reliability
- ☐ Security

9. How many pillars are there in Well Architected Framework?

- ☐ 4
- ☐ 5
- ☒ 6
- ☐ 3

10. What does the Operational Excellence pillar of the Well-Architected

- ☐ Minimizing costs
- ☒ **Streamlining operations**
- ☐ Ensuring high performance
- ☐ Enhancing system reliability

## AWS Cloud Arch Design – PostQuiz

1. \_\_\_\_\_ is a small, rugged, and secure edge computing and data transfer device.

- ☐ Amazon Edge Computing
- ☐ Amazon CodeWhisperer
- ☐ AWS Snowball
- ☒ **AWS Snowcone**

2. Which pillar is a combination of processes, continuous improvement, and monitoring system that delivers business value and continuously improve supporting processes and procedures.

- ☐ Performance efficiency

- ☐ Cost Optimization
- ☐ Reliability
- ☒ **Operational excellence**

3. The AWS Well-Architected Tool provides a plan on how to architect for the cloud using established best practices.

Select one:

- ☒ **True**
- ☐ False

4. Which pillar of the Well-Architected Framework focuses on the ability to recover from failures and meet customer demands?

- ☐ Cost Optimization
- ☐ Performance efficiency
- ☒ **Reliability**
- ☐ Operational excellence

5. \_\_\_\_\_ focuses on achieving the lowest price for a system/workload. Optimize the cost while considering the account needs without ignoring factors like security, reliability, and performance.

- ☒ **Cost Optimization**
- ☐ Security
- ☐ Operational excellence
- ☐ Performance efficiency

6. A pillar focuses on ensuring a system/workload delivers maximum performance for a set of AWS resources utilized.

- ☐ Operational excellence



- ☐ Cost Optimization
- ☒ **Performance efficiency**
- ☐ Reliability

7. How does the "Cost Optimization" pillar suggest handling unused or underutilized resources?

- ☒ **Keep them running to ensure availability**
- ☐ Upgrade them to larger instances
- ☐ Turn them off when not needed

8. What is the primary goal of the "Security" pillar in the Well-Architected

- ☐ Protecting data, systems, and assets
- ☐ optimal performance
- ☐ operates with optimal performance
- ☒ **Maximizing the efficiency of resources**

9. What AWS service is used to convert speech to text?

- ☐ Amazon Comprehend
- ☒ **Amazon Transcribe**
- ☐ Amazon CodeWhisperer
- ☐ Amazon Lex

10. Which of the following is NOT a pillar of the AWS Well-Architected Framework?

- ☒ **Persistence**
- ☐ Operational Excellence
- ☐ Cost Optimization
- ☐ Security

## Billing and Pricing – PreQuiz

1. Amazon EBS pricing includes three factors,

- ☒ **Volume**
- ☒ **Snapshot**
- ☐ Data stored
- ☒ **Data transfer**

2. Which EC2 pricing option is most cheapest among below

- ☒ **Spot**
- ☐ Reserved
- ☐ On-demand
- ☐ Savings Plan

3. Cost varies between regions(True/False)

Select one:

- ☒ **True**
- ☐ False

4. Which AWS service is closely integrated with AWS Budgets to provide cost and usage data?

- ☐ AWS IAM
- ☐ Amazon RDS
- ☒ **AWS Cost Explorer**
- ☐ AWS Lambda

5. Which tenancy model is most expensive?

- ☐ Shadow

- ☐ Dedicated Instance
- ☐ Shared
- ☒ **Dedicated Host**

6. Which of the pricing option, customers pay per hour for compute.

- ☐ Reserved
- ☐ Spot
- ☒ **On-demand**
- ☐ Savings Plan

7. Which tenancy model is least expensive model?

- ☐ Dedicated Instance
- ☐ Dedicated Host
- ☐ Shadow
- ☒ **Shared**

8. For how long can you use the AWS Free Tier?

- ☐ 1 month
- ☐ 3 months
- ☒ **12 months**
- ☐ Until your account is suspended

9. The pricing models of the cloud providers can help the customers in \_\_\_\_\_

- ☐ loss of flexibility
- ☐ Overuse of the resource
- ☐ using resources expensively
- ☒ **Cost Saving**

10. In AWS, you need to buy servers to host application.(True/False)

Select one:

- ☒ **True**
- ☐ False

## Billing and Pricing – PostQuiz

1. Which AWS service allows you to centrally manage multiple AWS accounts?

- ☐ Systems Manager
- ☒ **Organizations**
- ☐ Resource Groups
- ☐ Billing and Cost Management

2. Cloud Computing Pricing models have been broadly classified as \_\_\_\_\_

- ☐ Subscription Based
- ☒ **All the options**
- ☐ Hybrid pricing model
- ☐ Pay-as-Use

3. Which of the following pricing model used for application with consistent load

- ☐ All the options
- ☐ Spot pricing
- ☒ **Reserved instance pricing**
- ☐ On-demand pricing

4. The auction based pricing system is called \_\_\_\_\_

- ☐ Volume discounts or tier based pricing
- ☐ Reserved instance pricing
- ☒ **Spot pricing**
- ☐ On-demand pricing

5. Amazon S3 pricing is based on factors namely \_\_\_\_\_

- ☐ Versioning
- ☒ **Data transfer**
- ☒ **Storage**
- ☒ **Requests and data retrievals**

6. Amazon EC2 \_\_\_\_\_ allow you to request spare Amazon EC2 computing capacity for up to 90 percent off the On-Demand price.

- ☐ On-demand
- ☐ Reserved
- ☒ **Spot Instances**
- ☐ Compute

7. Which tool is used for getting the estimated monthly cost for your setup?

- ☐ Consolidated Billings
- ☐ Cost explorer
- ☐ TCO Calculator
- ☒ **Simple Monthly Calculator**

8. Now that you have started your migration to the cloud, you want to find out which service you use the most and where the majority of your traffic is coming from. Which tool should you use?

- ☐ AWS Simple Monthly Calculator
- ☐ AWS Annual Calculator
- ☐ AWS Free Tier
- ☒ **AWS Cost Explorer**

9. Which attribute determines the costing of an on-demand EC2 instance?

- ☒ **Region**
- ☒ **Instance type**
- ☐ location
- ☒ **AMI type**

10. Which of the following Amazon EC2 tenancy model allow customers to use existing server-bound software licenses?

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