

Exam JAN 17 Set C

Total points 55/66 ?

All Questions are Compulsory

Full Marks: 65

Pass Marks: 47

Time : 120 minutes

0 of 0 points

Name *

Ira Chand

Questions

55 of 66 points

✓ Which of the following AWS Support plans provide access to guidance, configuration, and troubleshooting of AWS interoperability with third-party software? (Select two) *1/1

- ☒ Enterprise ✓
- ☒ Business ✓
- ☐ Developer
- ☐ Corporate
- ☐ Basic



✗ What is the Port number for SSH?

0/1

- ☒ 20
- ☐ 21
- ☐ 22
- ☐ 23

✗

Correct answer

- ☒ 22

✗ Which of the following AWS Support plans provides access to Infrastructure Event Management without additional fee?

*0/1

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

✗

Correct answer

- ☒ Enterprise



✓ According to the AWS Shared Responsibility Model, which of the following are responsibilities of AWS? (Select two) *1/1

- ☒ Maintaining Amazon S3 data in different availability zones to keep it durable ✓
- ☐ Creating S3 bucket policies for appropriate user access
- ☐ Enabling Multi Factor Authentication on AWS accounts in your organization
- ☐ Creating IAM role for accessing Amazon EC2 instances
- ☒ Replacing faulty hardware of Amazon EC2 instances ✓

✗ Which of the following are correct statements regarding the AWS Global Infrastructure? (Select two) 0/1

- ☒ Each Availability Zone (AZ) consists of one or more discrete data centers ✓
- ☐ Each AWS Region consists of two or more Availability Zones
- ☐ Each AWS Region consists of two or more Edge Locations
- ☒ Each AWS Region consists of one or more Availability Zones ✗
- ☐ Each Availability Zone (AZ) consists of two or more discrete data centers

Correct answer

- ☒ Each Availability Zone (AZ) consists of one or more discrete data centers
- ☒ Each AWS Region consists of two or more Availability Zones



✓ Which of the following is a recommended way to provide programmatic access to AWS resources? 1/1

- ☐ Use Multi Factor Authentication to access AWS resources programmatically
- ☐ Create a new IAM user and share the username and password
- ☒ Use Access Key ID and Secret Access Key to access AWS resources programmatically ✓
- ☐ Use IAM groups to access AWS resources programmatically

✓ Which of the following are the storage services offered by the AWS Cloud? 1/1
(Select two)

- ☒ S3 ✓
- ☒ EFS ✓
- ☐ EC2
- ☐ SQS
- ☐ SNS

✓ Which of the following S3 storage classes takes the most time to retrieve data (also known as first byte latency)? 1/1

- ☐ S3 Standard
- ☐ S3 Glacier
- ☐ S3 Intelligent-Tiering
- ☒ S3 Glacier Deep Archive ✓



✓ Which tool/service will help you access AWS services using programming language-specific APIs? 1/1

- ☐ Language-specific Integrated Development Environments (IDE)
- ☒ AWS Software Developer Kit (SDK) ✓
- ☐ AWS Management Console
- ☐ AWS Command Line Interface (CLI)

✓ A company needs a storage solution for a project wherein the data is accessed less frequently but needs rapid access when required. Which S3 storage class is the MOST cost-effective for the given use-case? 1/1

- ☒ Amazon S3 Standard-Infrequent Access (S3 Standard-IA) ✓
- ☐ Amazon S3 Standard
- ☐ Amazon S3 Intelligent-Tiering (S3 Intelligent-Tiering)
- ☐ Amazon S3 Glacier (S3 Glacier)

✓ Which of the following are the advantages of Cloud Computing? (Select three) 1/1

- ☐ Trade variable expense for capital expense
- ☐ Spend money on building and maintaining data centers
- ☒ Trade capital expense for variable expense ✓
- ☒ Benefit from massive economies of scale ✓
- ☒ Go global in minutes and deploy applications in multiple regions around the world with just a few clicks ✓
- ☐ Allocate a few months of planning for your infrastructure capacity needs



✓ A startup wants to set up its IT infrastructure on AWS Cloud. The CTO would like to get an estimate of the monthly AWS bill based on the AWS services that the startup wants to use. As a Cloud Practitioner, which AWS service would you suggest for this use-case? 1/1

- ☒ AWS Pricing Calculator
- ☐ AWS Cost Explorer
- ☐ AWS Cost & Usage Report
- ☐ AWS Budget



✓ A multi-national company has just moved its infrastructure from its on-premises data center to AWS Cloud. As part of the shared responsibility model, AWS is responsible for which of the following? 1/1

- ☐ Configuring customer applications
- ☒ Physical and Environmental controls
- ☐ Service and Communications Protection or Zone Security
- ☐ Patching guest OS



✓ A company wants to move to AWS cloud and release new features with quick iterations by utilizing relevant AWS services whenever required. Which of the following characteristics of AWS Cloud does it want to leverage? 1/1

- ☒ Agility
- ☐ Scalability
- ☐ Elasticity
- ☐ Reliability



✓ Which type of Cloud Computing does Amazon Elastic Compute Cloud (EC2) represent? 1/1

- ☐ Platform as a Service (PaaS)
- ☒ Infrastructure as a Service (IaaS) ✓
- ☐ Network as a Service (NaaS)
- ☐ Software as a Service (SaaS)

✗ A big data analytics company is moving its IT infrastructure from an on-premises data center to AWS Cloud. The company has some server-bound software licenses that it wants to use on AWS. As a Cloud Practitioner, which of the following EC2 instance types would you recommend to the company? 0/1

- ☒ On-Demand Instance ✗
- ☐ Reserved Instance
- ☐ Dedicated Instance
- ☐ Dedicated Host

Correct answer

- ☒ Dedicated Host



✗ Which of the following is the MOST cost-effective option to purchase an EC2 Reserved Instance? 0/1

- ☐ No upfront payment option with standard 1-year term
- ☒ All upfront payment option with standard 1-year term
- ☐ Partial upfront payment option with standard 3-years term
- ☐ No upfront payment option with standard 3-years term

✗

Correct answer

- ☒ Partial upfront payment option with standard 3-years term

✓ Which of the following AWS services should be used to automatically distribute incoming traffic across multiple targets? 1/1

- ☒ AWS Elastic Load Balancing
- ☐ AWS Auto Scaling
- ☐ Amazon Elasticsearch
- ☐ AWS Elastic Beanstalk

✓

✓ A silicon valley based healthcare startup stores anonymized patient health data on Amazon S3. The CTO further wants to ensure that any sensitive data on S3 is discovered and identified to prevent any sensitive data leaks. As a Cloud Practitioner what will you do? 1/1

- ☐ AWS Secrets Manager
- ☐ Amazon Polly
- ☐ AWS Glue
- ☒ Amazon Macie

✓



✓ AWS Web Application Firewall (WAF) offers protection from common web exploits at which layer? 1/1

- ☐ Layer 4 and 7
- ☐ Layer 3
- ☐ Layer 4
- ☒ Layer 7



✓ Which of the following is a serverless AWS service? 1/1

- ☐ Beanstalk
- ☒ Lambda
- ☐ EC2
- ☐ EMR



✓ Which of the following statements are CORRECT regarding the Availability Zone (AZ) specific characteristics of EBS and EFS storage types? 1/1

- ☐ EBS volume can be attached to a single instance in the same Availability Zone and EFS file system can only be mounted on instances in the same Availability Zone
- ☐ EBS volume can be attached to one or more instances in multiple Availability Zones and EFS file system can be mounted on instances in the same Availability Zone
- ☐ EBS volume can be attached to one or more instances in multiple Availability Zones and EFS file system can be mounted on instances across multiple Availability Zones
- ☒ EBS volume can be attached to a single instance in the same Availability Zone whereas EFS file system can be mounted on instances across multiple Availability Zones



✓ Compared to the On-demand prices, what is the highest possible discount offered for spot instances? 1/1

- ☐ 50
- ☒ 90
- ☐ 10
- ☐ 75



✓ An intern at an IT company provisioned a Linux based On-demand EC2 instance with persecond billing but terminated it within 30 seconds as he wanted to provision another instance type. What is the duration for which the instance would be charged? 1/1

- ☐ 30 seconds
- ☐ 300 seconds
- ☒ 60 seconds
- ☐ 600 seconds



✓ A company runs an application on a fleet of EC2 instances. The company wants to automate the traditional maintenance job of running timely assessments and checking for OS vulnerabilities. As a Cloud Practitioner, which service will you suggest for this use case? 1/1

- ☐ Amazon Macie
- ☐ Amazon GuardDuty
- ☐ AWS Shield
- ☒ Amazon Inspector



✓ An IT company is planning to migrate from an on-premises environment to AWS Cloud. Which of the following expense areas would result in cost savings when the company moves to AWS Cloud? (Select two) 1/1

☒ Computing hardware infrastructure expenditure ✓

☐ Project manager salary

☒ Data center physical security expenditure ✓

☐ Developer salary

☐ SaaS application license fee

✗ Which AWS services can be used to facilitate organizational change management, part of the Reliability pillar of AWS Well-Architected Framework? (Select three) 0/1

☐ Amazon Inspector

☒ AWS CloudTrail ✓

☒ Amazon CloudWatch ✓

☐ Amazon GuardDuty

☐ AWS Config

☐ AWS Trusted Advisor

Correct answer

☒ AWS CloudTrail

☒ Amazon CloudWatch

☒ AWS Config



✓ A research group wants to use EC2 instances to run a scientific computation application that has a fault tolerant architecture. The application needs high-performance hardware disks that provide fast I/O performance. As a Cloud Practitioner, which of the following storage options would you recommend as the MOST cost-effective solution? 1/1

- ☐ EBS
- ☐ S3
- ☒ Instance Store
- ☐ EFS



✓ Which AWS Service can be used to mitigate a Distributed Denial of Service (DDoS) attack 1/1

- ☒ AWS Shield
- ☐ AWS KMS
- ☐ AWS Systems Manager
- ☐ Amazon CloudWatch



✓ Which of the following AWS Support plans provide access to only 7 core checks from the AWS Trusted Advisor Best Practice Checks? (Select two) 1/1

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



✓ A medical research startup wants to understand the compliance of AWS services concerning HIPAA guidelines. Which AWS service can be used to review the HIPAA compliance and governance-related documents on AWS? 1/1

- ☒ AWS Artifact ✓
- ☐ AWS Systems Manager
- ☐ AWS Secrets Manage

✓ A financial services company wants to ensure that its AWS account activity meets the governance, compliance and auditing norms. As a Cloud Practitioner, which AWS service would you recommend for this use-case? 1/1

- ☐ Trusted Advisor
- ☒ CloudTrail ✓
- ☐ CloudWatch
- ☐ Config

✓ A startup wants to provision an EC2 instance for the lowest possible cost for a long-term duration but needs to make sure that the instance would never be interrupted. As a Cloud Practitioner, which of the following options would you recommend? 1/1

- ☐ spot Instance
- ☐ Dedicated Host
- ☐ On-Demand Instance
- ☒ Reserved Instance ✓



✓ Which of the following AWS services has encryption enabled by default? 1/1

- ☒ CloudTrail Logs
- ☐ Amazon S3
- ☐ Elastic Block Storage (EBS)
- ☐ Elastic File Storage (EFS)



✗ What are the advantages that AWS Cloud offers over a traditional on-premises IT infrastructure? (Select two) 0/1

- ☒ Increase speed and agility by keeping servers and other required resources ready before time in your data centers
- ☐ Trade capital expense for variable expens
- ☐ Provide lower latency to applications by maintaining servers on-premises
- ☒ Eliminate guessing on your infrastructure capacity needs
- ☐ Make a capacity decision before deploying an application, to reduce costs



Correct answer

- ☒ Trade capital expense for variable expens
- ☒ Eliminate guessing on your infrastructure capacity needs



✗ Which of the following statements are CORRECT regarding the AWS VPC service? (Select two) 0/1

- ☐ A NAT Instance is managed by AWS
- ☒ A NAT Gateway is managed by AWS
- ☐ A Security Group can have allow rules only
- ☒ A Security Group can have both allow and deny rules
- ☐ A NACL can have allow rules only



Correct answer

- ☒ A NAT Gateway is managed by AWS
- ☒ A Security Group can have allow rules only

✓ The DevOps team at an IT company is moving 500 GB of data from an EC2 instance to an S3 bucket in the same region. Which of the following scenario captures the correct charges for this data transfer? 1/1

- ☐ The company would only be charged for the inbound data transfer into the S3 bucket
- ☒ The company would not be charged for this data transfer
- ☐ The company would be charged for both the outbound data transfer from EC2 instance as well as the inbound data transfer into the S3 bucket
- ☐ The company would only be charged for the outbound data transfer from EC2 instance



✓ Access Key ID and Secret Access Key are tied to which of the following AWS Identity and Access Management entities? 1/1

- ☐ AWS Policy
- ☐ IAM Group
- ☒ IAM User
- ☐ IAM Role



✓ Which characteristic of Cloud Computing imparts the ability to acquire resources as you need and release when you no longer need them? 1/1

- ☐ Durability
- ☐ Reliability
- ☐ Resiliency
- ☒ Elasticity



✓ Which of the following AWS services are always free to use (Select two)? 1/1

- ☐ Elastic Compute Cloud (Amazon EC2)
- ☒ AWS Auto Scaling
- ☐ DynamoDB
- ☒ Identity and Access Management (IAM)
- ☐ Simple Storage Service (Amazon S3)



✓ A customer has created a VPC and a subnet within AWS Cloud. Which of the following statements is correct? 1/1

- ☐ A subnet spans all of the Availability Zones in the Region whereas a VPC spans only one Availability Zone in the Region
- ☐ Both the VPC and the subnet span all of the Availability Zones in the Region
- ☒ A VPC spans all of the Availability Zones in the Region whereas a subnet spans only one Availability Zone in the Region ✓
- ☐ Both the VPC and the subnet span only one Availability Zone in the Region

✓ Which tool will help you review your workloads against current AWS best practices for cost optimization, security, and performance improvement and then obtain advice to architect them better? 1/1

- ☐ Amazon CloudWatch
- ☐ AWS Cost Explorer
- ☐ Amazon Inspector
- ☒ AWS Trusted Advisor ✓

✓ Which AWS support plan provides access to a Technical Account Manager (TAM)? 1/1

- ☐ Developer
- ☐ Business
- ☒ Enterprise ✓
- ☐ Enterprise & Business



✓ As per the AWS shared responsibility model, which of the following is a responsibility of AWS from a security and compliance point of view? 1/1

- ☐ Customer Data
- ☐ Identity and Access Management
- ☒ Edge Location Management
- ☐ Server-side Encryption



✓ An e-commerce company wants to assess its applications deployed on EC2 instances for vulnerabilities and deviations from AWS best practices. Which AWS service can be used to facilitate this? 1/1

- ☒ Amazon Inspector
- ☐ AWS Trusted Advisor
- ☐ AWS Secrets Manager
- ☐ AWS CloudHSM



✓ Which AWS compute service provides the EASIEST way to access resizable compute capacity in the cloud with support for per-second billing and access to the underlying OS? 1/1

- ☐ Amazon Elastic Container Service (ECS)
- ☐ Amazon Lightsail
- ☒ Amazon Elastic Compute Cloud (EC2)
- ☐ AWS Lambda



✓ Which of the following options can be used to access and manage all AWS 1/1 services (Select three)?

- ☐ AWS Systems Manager
- ☒ AWS Command Line Interface (CLI) ✓
- ☐ AWS Secrets Manager
- ☒ AWS Management Console ✓
- ☐ Amazon API Gateway
- ☒ AWS Software Developer Kit (SDK) ✓

✓ Which of the following statements are correct about the AWS account root 1/1 user (Select two)

- ☐ Root user account password cannot be changed once it is set
- ☒ It is highly recommended to enable Multi Factor Authentication (MFA) for root user account ✓
- ☒ Root user access credentials are the email address and password used to create the AWS account ✓
- ☐ Root user credentials should only be shared with managers requiring administrative responsibilities to complete their jobs
- ☐ Root account gets unrestricted permissions when the account is created, but these can be restricted using IAM policies



✓ Which AWS service enables users to find, buy, and immediately start using software solutions in their AWS environment? 1/1

- ☐ AWS Config
- ☒ AWS Marketplace
- ☐ AWS OpsWorks
- ☐ AWS Systems Manager



✓ A multi-national company wants to migrate its IT infrastructure to AWS Cloud and is looking for a concierge support team as well as a response time of around an hour in case the systems go down. As a Cloud Practitioner, which of the following support plans would you recommend to the company? 1/1

- ☐ Developer
- ☐ Individual
- ☐ Business
- ☒ Enterprise



✗ Which of the following is correct about AWS "Developer" Support plan? 0/1

- ☐ Allows unlimited contacts to open a limited number of cases per month
- ☒ Allows one contact to open a limited number of cases per month
- ☐ Allows one contact to open unlimited cases
- ☐ Allows unlimited contacts to open unlimited cases



Correct answer

- ☒ Allows unlimited contacts to open unlimited cases



✓ What is the name of the pricing model in cloud computing that allows users to provision computing resources as needed, without any long-term commitments or upfront costs? 1/1

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



✓ Which of the following statement is correct regarding the AWS pricing policy for data transfer charges into or out of an AWS Region? 1/1

- ☒ Only outbound data transfer is charged
- ☐ Neither inbound nor outbound data transfer are charged
- ☐ Only inbound data transfer is charged
- ☐ Both inbound data transfer and outbound data transfer are charged



✓ Which of the following is the correct statement regarding the AWS Storage services? 1/1

- ☐ S3 is object based storage, EBS is file based storage and EFS is block based storage
- ☐ S3 is block based storage, EBS is object based storage and EFS is file based storage
- ☐ S3 is file based storage, EBS is block based storage and EFS is object based storage
- ☒ S3 is object based storage, EBS is block based storage and EFS is file based storage



✓ A company's flagship application runs on a fleet of Amazon EC2 instances. 1/1
As per the new policies, the system administrators are looking for the best way to provide secure shell access to AWS EC2 instances without opening new ports or using public IP addresses. Which tool/service will help you achieve this requirement?

- ☐ Amazon Route 53
- ☐ Amazon Inspector
- ☐ Amazon EC2 Instance Connect
- ☒ AWS Systems Manager Session Manager



✓ Which AWS technology/service helps you to scale your resources to match 1/1
supply with demand while still keeping your cloud solution cost-effective?

- ☐ AWS Cost Explorer
- ☐ AWS CloudFormation
- ☒ AWS Auto Scaling
- ☐ AWS OpsWorks



✗ A photo sharing web application wants to store thumbnails of user-uploaded images on Amazon S3. The thumbnails are rarely used but need to be immediately accessible from the web application. The thumbnails can be regenerated easily if they are lost. Which is the most cost-effective way to store these thumbnails on S3? 0/1

- ☐ Use S3 Standard to store the thumbnails
- ☒ Use S3 Standard Infrequent Access (Standard-IA) to store the thumbnails ✗
- ☐ Use S3 Glacier to store the thumbnails
- ☐ Use S3 One-Zone Infrequent Access (One-Zone IA) to store the thumbnails

Correct answer

- ☒ Use S3 One-Zone Infrequent Access (One-Zone IA) to store the thumbnails

✓ An organization has a complex IT architecture involving a lot of system dependencies and it wants to track the history of changes to each resource. Which AWS service will help the organization track the history of configuration changes for all the resources? 1/1

- ☐ AWS CloudFormation
- ☐ AWS Service Catalog
- ☒ AWS Config ✓
- ☐ AWS CloudTrail



✓ As per the AWS shared responsibility model, which of the following is a responsibility of the customer from a security and compliance point of view? 1/1

- ☐ Configuration management for AWS global infrastructure
- ☒ Managing patches of the guest operating system on Amazon EC2 ✓
- ☐ Availability Zone infrastructure management
- ☐ Patching/fixing flaws within the AWS infrastructure

✓ Which of the following AWS services comes under the Software as a Service (SaaS) Cloud Computing Type? 1/1

- ☐ Elastic Load Balancing
- ☒ Amazon Polly ✓
- ☐ AWS Elastic Beanstalk
- ☐ Amazon EC2

✓ Due to regulatory and compliance reasons, an organization is supposed to use a hardware device for any data encryption operations in the cloud. Which AWS service can be used to meet this compliance requirement? 1/1

- ☐ AWS Secrets Manager
- ☐ AWS Key Management Service (KMS)
- ☐ AWS Trusted Advisor
- ☒ AWS CloudHSM ✓



✗ Which of the following statement is correct for a Security Group and a Network Access Control List? 0/1

- ☐ Security Group acts as a firewall at the instance level whereas Network Access Control List acts as a firewall at the subnet level
- ☐ Security Group acts as a firewall at the subnet level whereas Network Access Control List acts as a firewall at the instance level
- ☐ Security Group acts as a firewall at the AZ level whereas Network Access Control List acts as a firewall at the VPC level
- ☒ Security Group acts as a firewall at the VPC level whereas Network Access Control List acts as a firewall at the AZ level ✗

Correct answer

- ☒ Security Group acts as a firewall at the instance level whereas Network Access Control List acts as a firewall at the subnet level

✓ An organization deploys its IT infrastructure in a combination of its on-premises data center along with AWS Cloud. How would you categorize this deployment model? 1/1

- ☐ Mixed deployment
- ☐ Private deployment
- ☒ Hybrid deployment ✓
- ☐ Cloud deployment



✓ What are the fundamental drivers of cost with AWS Cloud?

1/1

- ☐ Compute, Storage and Inbound Data Transfer
- ☐ Compute, Databases and Inbound Data Transfer
- ☒ Compute, Storage and Outbound Data Transfer
- ☐ Compute, Databases and Outbound Data Transfer



✓ Which of the following statements are CORRECT regarding Security Groups and Network Access Control Lists (NACLs)? (Select two)

- ☒ A Security Group is stateful, that is, it automatically allows the return traffic
- ☒ A NACL contains a numbered list of rules and evaluates these rules in the increasing order while deciding whether to allow the traffic
- ☐ A Security Group is stateless, that is, the return traffic must be explicitly allowed
- ☐ A NACL is stateful, that is, it automatically allows the return traffic
- ☐ A Security Group contains a numbered list of rules and evaluates these rules in the increasing order while deciding whether to allow the traffic



✓ Which AWS service protects your AWS account by monitoring malicious activity and detecting threats?

1/1

- ☒ GuardDuty
- ☐ CloudWatch
- ☐ CloudTrail
- ☐ Trusted Advisor



This content is neither created nor endorsed by Google. [Report Abuse](#) - [Terms of Service](#) - [Privacy Policy](#)



Google Forms



