

## SET 11

Total points 35/49 ?

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0 of 0 points

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Questions

35 of 49 points

✓ A company has many multiple business units using the same AWS services to manage their different applications. Which AWS service or tool can the company use to receive volume discounts across multiple AWS accounts? 1/1

- ☐ AWS Budgets
- ☐ Cost Explorer
- ☒ AWS Organizations
- ☐ AWS Cost and Usage Report



✗ What responsibility does a customer have when using Amazon RDS to host a database according to AWS shared responsibility model? 0/1

- ☐ Install Microsoft SQL Server
- ☒ Design encryption at rest strategies
- ☐ Manage connections to the database
- ☐ Apply minor database patches.

✗

Correct answer

- ☒ Manage connections to the database

✓ Which of the following are the responsibilities of a company that is using AWS Lambda? (Choose two) 1/1

- ☐ Selection of CPU resources
- ☐ Patching of Operating System
- ☒ Security of their Code
- ☐ Security of underlying Infrastructure
- ☒ Writing and updating of their code.

✓

✓

✗ A Company is launching an application in AWS Cloud. The application will use Amazon S3 storage and a large team of researchers will have shared access to the data. The company must be able to recover data that is accidentally overwritten or deleted. Which AWS feature can the company use to meet this requirement? 0/1

☒ S3 Lifecycle Configuration. ✗

☐ Encryption at rest

☐ S3 Versioning

☐ Encryption in Transit

Correct answer

☒ S3 Versioning

✓ A Customer requires a dedicated Technical Account Manager (TAM) to support them during critical issues regarding various AWS Services. Which Support plan should they purchase? 1/1

☐ Basic Support

☐ Developer Support

☐ Business Support

☒ Enterprise Support ✓

✓ A company needs significant cost savings for their non-interruptible workloads on AWS. Which EC2 instance pricing model should the company select? 1/1

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



✗ Which of the following are architectural best practices for the AWS Cloud? 0/1  
(Choose two)

- ☐ Deploy into a single availability zone
- ☒ Deploy into a multiple availability zone
- ☒ Design for fault tolerance
- ☐ Close coupling
- ☐ Create Monolithic architectures



Correct answer

- ☒ Deploy into a multiple availability zone
- ☒ Create Monolithic architectures

✗ What is the Most Secure method when storing passwords on AWS?

0/1

- ☐ Store Passwords as AWS CloudFormation parameters
- ☐ Store Passwords in AWS Secrets Manager.
- ☐ Store Passwords in an Amazon S3 Bucket.
- ☒ Store Passwords in AWS KMS

✗

Correct answer

- ☒ Store Passwords in AWS Secrets Manager.

✓ A Company's On-Premise application deployment cycle was 3-4 weeks. 1/1  
The company can deploy the application in 2-3 days after migrating to AWS Cloud. Which benefit has the company leveraged by moving to AWS Cloud?

- ☒ Agility
- ☐ Resilience
- ☐ Elasticity
- ☐ Flexibility

✓

✓ A Company has a single Amazon EC2 Instance. The company wants to 1/1  
adopt a highly available architecture. What can the company do to meet this requirement?

- ☐ Purchase an EC2 dedicated instance.
- ☐ Change the EC2 instance family to a compute optimized instance.
- ☒ Scale horizontally across multiple Availability Zones.
- ☐ Scale vertically to a larger EC2 instance Size

✓

✓ AWS has the ability to achieve lower pay-as-you-go pricing by aggregating usage across hundreds of thousands of users. This describes which advantage of the AWS Cloud? 1/1

- ☐ No guessing about compute capacity.
- ☒ Massive economies of scale. ✓
- ☐ Increased Speed and agility
- ☐ Go global in minutes.

✓ A large enterprise with multiple VPC's in several AWS Regions around the world needs to connect and centrally manage network connectivity between its VPC's. Which AWS service or feature meets these requirements? 1/1

- ☐ AWS Direct Connect
- ☒ AWS Transit Gateway ✓
- ☐ VPC endpoints
- ☐ AWS Site-to-Site VPN

✓ Which AWS services are delivered globally and not regionally? (Choose two) 1/1

- ☒ Amazon Route 53 ✓
- ☒ Amazon CloudFront ✓
- ☐ Amazon VPC
- ☐ Amazon EC2
- ☐ Amazon RDS

✓ A Company wants to run Production workloads on AWS. The Company needs concierge service, a designated AWS TAM and technical support that is available 24 hrs a day and 7 days a week. Which AWS Support plan will meet these requirements? 1/1

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



✓ Which AWS Service or feature can a company use to determine which business unit is using specific AWS resources? 1/1

- ☐ Amazon Inspector
- ☒ Cost allocation tags
- ☐ Key Pairs
- ☐ AWS Trusted Advisor



✓ Which of the following are the components of AWS Site-to-Site VPN Connection? (Choose two) 1/1

- ☒ Virtual Private Gateway
- ☐ AWS Storage Gateway
- ☐ Internet Gateway
- ☒ Customer Gateway
- ☐ NAT Gateway



✓ Which AWS security service can be used to detect users personal credit card numbers from data stored in a S3 bucket? 1/1

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



✓ Your company wants to move an existing Oracle database to the AWS Cloud. Which of the following services can help facilitate this move? 1/1

- ☒ AWS Database Migration Service
- ☐ AWS Trusted Advisor
- ☐ AWS GuardDuty
- ☐ AWS Inspector



✗ What is the benefit of using fully managed services in AWS compared to deploying 3rd party software on EC2? 0/1

- ☐ You don't need to backup your data
- ☒ You have greater control and flexibility
- ☐ Improved Security
- ☐ Reduced Operational overhead.



Correct answer

- ☒ Reduced Operational overhead.



✗ The Ability to horizontally scale Amazon EC2 instances based on demand is an example of which concept? 0/1

- ☒ Economy of Scale
- ☐ High Availability
- ☐ Disaster recovery
- ☐ Elasticity



Correct answer

- ☒ Elasticity

✓ An organization is migrating its application from on-premises SQL Server to AWS. As part of the migration, the company wants to reduce operational overhead but doesn't want to refactor the application. Which database service would MOST effectively support these requirements? 1/1

- ☐ Amazon Redshift
- ☐ Microsoft SQL Server on Amazon EC2
- ☐ Amazon DynamoDB
- ☒ Amazon RDS for SQL Server



✓ Which AWS service will help protect applications running on AWS against DDoS attacks? 1/1

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



✗ Which AWS Service can be used to track configuration history of your AWS resources? 0/1

- ☒ AWS Service Catalog
- ☐ Amazon GuardDuty
- ☐ AWS Artifact
- ☐ AWS Config

✗

Correct answer

- ☒ AWS Config

✓ A company wants its workloads to be resilient, perform correctly, consistently, and recover from errors in a timely manner as part of its Cloud Architecture. Which pillar of the AWS Well-Architected Framework are these requirements related to? 1/1

- ☐ Security
- ☐ Operational excellence
- ☐ Performance efficiency
- ☒ Reliability

✓

✓ A company has a 3-tier application hosted in AWS. The architecture consists of a web, application and database tier. Which of the following AWS services can be used to monitor this architecture? 1/1

- ☒ AWS CloudWatch
- ☐ VPC Flow logs
- ☐ S3 Bucket logs
- ☐ AWS SQS



✓ A company is planning to store their archives in AWS. Which of the following storage mechanism provided by AWS would provide an ideal and cost-efficient storage option for storing the archive data? 1/1

- ☒ Amazon S3 Glacier
- ☐ Amazon S3 Standard
- ☐ Amazon EBS Snapshots
- ☐ Amazon EBS Volumes



✓ A web administrator maintains several public and private web-based resources for an organization. Which service can they use to keep track of the expiry dates of SSL/TLS certificates as well as updating and renewal? 1/1

- ☐ AWS Firewall Manager
- ☐ AWS License Manager
- ☐ AWS Data Lifecycle Manager
- ☒ AWS Certificate Manager



✓ Which of the following is one of the major benefits of using Elastic Cloud Compute over your traditional on-premise physical servers? 1/1

- ☐ You can choose the hardware vendor
- ☐ You get root access to the server
- ☒ You only pay for what you use
- ☐ You have the facility of automated backups



✗ An organization has an on-premise environment which they want to connect to their AWS environment. How can they achieve this Hybrid Cloud configuration which avoids using Internet? 0/1

- ☐ AWS Managed VPN
- ☐ AWS Direct Connect
- ☒ AWS VPC endpoint
- ☐ AWS Site-to-Site VPN



Correct answer

- ☒ AWS Direct Connect

✗ A company needs to simultaneously process hundreds of requests from different users. Which combination of AWS services should the company use to build an operationally efficient solution? 0/1

- ☐ AWS Amplify and AWS AppSync
- ☒ AWS Data Pipeline and Amazon EC2
- ☐ Amazon SQS and AWS Lambda
- ☐ Amazon Kinesis and Amazon Athena

✗

Correct answer

- ☒ Amazon SQS and AWS Lambda

✓ Which AWS service is used to enable Multi-factor authentication? 1/1

- ☒ AWS IAM
- ☐ Amazon EC2
- ☐ AWS EKS
- ☐ AWS KMS

✓

✗ A company wants to migrate a critical application to AWS. The application has a short runtime. The application is invoked by changes in data or by shifts in system state. The company needs a compute solution that maximizes operational efficiency and minimizes the cost of running the application. 0/1

Which AWS solution should the company use to meet these requirements?

- ☒ Amazon EC2 Spot instances
- ☐ Amazon EC2 Reserved Instances
- ☐ AWS Lambda
- ☐ Amazon EC2 On-Demand Instances

✗

Correct answer

- ☒ AWS Lambda

✗ Your application is hosted on Amazon EC2 instances. CPU and RAM requirements of the application rapidly change when batch jobs execute. Which AWS service can be used to dynamically adjust those resources based on demand? 0/1

- ☐ Amazon Route53
- ☐ EC2 Auto Scaling
- ☐ Amazon Elastic Container Service
- ☒ Elastic Load Balancing

✗

Correct answer

- ☒ EC2 Auto Scaling

✓ You have been running an on-demand Amazon Linux EC2 instance for 8 hours, 9 minutes and 17 seconds. How much time will you be billed for? 1/1

- ☐ 9 hours
- ☐ 8 hours
- ☐ 8 hours and 10 minutes
- ☒ 8 hours, 9 minutes and 17 seconds



✓ Which statement is correct in relation to the AWS Shared Responsibility Model? 1/1

- ☐ AWS is responsible for encrypting customer data
- ☒ AWS is responsible for the security of regions and availability zones
- ☐ Customers are responsible for security of the cloud
- ☐ Customers are responsible for patching and fixing flaws within the infrastructure



✓ Which AWS service or feature can assist with protecting a website that is hosted outside of AWS? 1/1

- ☐ Amazon VPC route tables.
- ☐ Amazon EC2 security groups
- ☒ AWS Web Application Firewall (WAF)
- ☐ Amazon VPC network ACL



✓ Your web application is currently hosted in the us-west region in AWS. You need to ensure users all across the world get a seamless user experience when accessing the application. Which of the following service can help achieve this? 1/1

- ☐ AWS CloudTrail
- ☐ AWS Route 53
- ☐ AWS Elastic Load Balancer
- ☒ AWS CloudFront



✓ Which of the following task requires using AWS account root user credentials? 1/1

- ☒ Changing the AWS support plan
- ☐ Starting and stopping Amazon EC2 instances
- ☐ Opening an AWS support case
- ☐ Viewing Billing Information



✓ Which storage type can be mounted using the NFS protocol to many EC2 instances simultaneously? 1/1

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





✓ A company wants to improve the overall availability and performance of its 1/1 applications that are hosted on AWS. Which AWS service should the company use?

- ☐ Amazon Connect
- ☒ AWS Global Accelerator
- ☐ Amazon LightSail
- ☐ AWS Storage Gateway.



✓ A Company is migrating to the AWS Cloud Instead of running its 1/1 infrastructure On Premise. Which of the following are advantages of this migration? (Choose two)

- ☐ Elimination of the need to perform security auditing
- ☒ Increased global reach and agility
- ☒ Ability to Deploy globally in minutes
- ☐ Elimination of the cost of IT staff members
- ☐ Redundancy by default for all compute services



✗ What is the most cost-effective Amazon S3 storage tier for data that is not often accessed but requires high availability? 0/1

- ☐ Amazon S3 Standard
- ☐ Amazon Glacier
- ☒ Amazon S3 One Zone - IA
- ☐ Amazon S3 Standard - IA

✗

Correct answer

- ☒ Amazon S3 Standard - IA

✗ What is the Scope of a VPC within the AWS Network?

0/1

- ☐ A VPC can span all availability zones within an AWS Region
- ☐ A VPC can span all availability zones globally
- ☐ A VPC must span at least 2 subnets in each AWS Region
- ☒ A VPC must span at least 2 edge locations in each AWS Region

✗

Correct answer

- ☒ A VPC can span all availability zones within an AWS Region

✓ Which Component of the AWS global Infrastructure is made up of one or more discrete data centers that have redundant power, networking and connectivity? 1/1

- ☐ AWS Region
- ☒ Availability Zone
- ☐ Edge Location
- ☐ AWS Outposts



✓ A system engineer discovers that several Amazon EC2 instances have been terminated. Which AWS service should the system engineer use to identify the user or AWS API call that terminated these instances? 1/1

- ☐ Amazon Inspector.
- ☐ AWS Trusted Advisor
- ☒ AWS CloudTrail
- ☐ AWS Artifact



✓ Which AWS Service or feature acts as a firewall for Amazon EC2 Instances? 1/1

- ☒ Security Group
- ☐ Network ACL
- ☐ Amazon VPC
- ☐ Elastic Network Interface



✓ Which AWS feature can be used to launch a pre-configured Amazon Elastic 1/1 Compute Cloud (EC2) instance?

- ☐ Amazon Elastic Block Store (EBS).
- ☐ Amazon EC2 System Manager.
- ☐ Amazon AppStream 2.0
- ☒ Amazon Machine Image (AMI)



✗ A company wants to have access to scalable, highly reliable, and fully managed file storage that runs on the Server Message Block (SMB) protocol. Which AWS service will meet these requirements?

0/1

- ☒ Amazon S3
- ☐ Amazon EFS (Elastic File System)
- ☐ Amazon EBS (Elastic Block Store)
- ☐ Amazon FSx for Windows File Server



Correct answer

- ☒ Amazon FSx for Windows File Server

✓ Which of the following Security related activities are the responsibility of AWS customers? (Choose two) 1/1

- ☐ Securely dispose faulty disk drives
- ☐ Installing Patches on the network infrastructure
- ☒ Implementing IAM user password policies
- ☒ Installing Patches on the guest Operating System
- ☐ Implementing Data Center access controls



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