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Questions

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✓ You are the Security officer in your organization and want a list of any potential vulnerabilities in Amazon EC2 security groups. Which AWS service should you use? 1/1

☒ AWS Trusted Advisor



☐ Amazon Guard Duty

☐ AWS CloudTrail

☐ AWS Artifact

✓ A running Amazon EC2 instance will be interrupted if capacity becomes temporarily unavailable in which of the following Pricing models? 1/1

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



✓ Which of the following services can be utilized to automate infrastructure? 1/1

(Choose two)

- ☐ Amazon CloudFront
- ☒ AWS CloudFormation
- ☐ AWS Batch
- ☐ Amazon QuickSight
- ☒ AWS OpsWorks



✓ You're designing a global application that requires low-latency search capabilities. How can you achieve this using Amazon CloudSearch? 1/1

- ☐ Deploy Amazon CloudSearch in a single region closest to the majority of users.
- ☒ Deploy Amazon CloudSearch in multiple regions and use Amazon Route 53 latency-based routing.
- ☐ Use Amazon CloudFront to cache search results from a single search domain.
- ☐ Deploy Amazon CloudSearch with a cross-region replication setup.



✓ A company wants to migrate its on-premises web application to AWS. The application consists of multiple components, including a web server, application server, and database server. The company wants to ensure high availability and scalability for the application. Which AWS services should they use? 1/1

- ☐ Amazon EC2, Amazon RDS, and Amazon Route 53
- ☐ AWS Elastic Beanstalk, Amazon RDS, and Amazon CloudFront
- ☐ Amazon EC2, Amazon DynamoDB, and AWS Elastic Load Balancer
- ☒ Amazon ECS, Amazon Aurora, and AWS Auto Scaling ✓

✓ Which of the following is the best practice to consider while designing your service Architecture? 1/1

- ☐ Build a single application component that can handle all the application functionality.
- ☐ Design tightly coupled components.
- ☒ Avoid monolithic architecture by segmenting workloads. ✓
- ☐ Make large changes on fewer iterations to reduce chances of failure

✓ Which of the following AWS service can a business use to identify and reroute customers to other servers in the event of a web server outage? 1/1

- ☒ Amazon Route 53 ✓
- ☐ Amazon CloudFront
- ☐ Amazon GuardDuty
- ☐ AWS Trusted Advisor

✓ Which of the following is the responsibility of client under the AWS Shared responsibility model (Choose Two)? 1/1

- ☐ Decommission physical storage devices
- ☐ Control Physical access to data centers
- ☒ Patch management of an Amazon EC2 instance Operating System ✓
- ☒ Security Group and ACL configuration ✓
- ☐ Patch management of an Amazon RDS instance Operating System

✓ Which AWS support plan provides a full set of AWS trusted advisor checks? 1/1

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

✓ Which of the following AWS service enables conventional SQL queries against stored datasets directly from Amazon S3? 1/1

- ☐ AWS Glue
- ☐ AWS CodeCommit
- ☐ Amazon CloudSearch
- ☒ Amazon Athena ✓

✓ Which service provides a highly available and elastic NFS file system for both cloud based and on-premise servers? 1/1

- ☐ Amazon S3
- ☐ Amazon S3 Glacier
- ☒ Amazon Elastic File System (EFS)
- ☐ Amazon Elastic Block Store (EBS)



✓ Who is responsible for configuration management under the AWS shared responsibility model? 1/1

- ☐ It is solely the responsibility of AWS
- ☐ It is solely the responsibility of the customer
- ☒ It is shared between AWS and the customer
- ☐ It is not part of AWS shared responsibility model



✓ A Business needs to ensure that users of the AWS Management Console adhere to password complexity guidelines. How can the business customize the password complexity ? 1/1

- ☐ Use an AWS Organization service control policy (SCP)
- ☒ Use an AWS IAM account password policy
- ☐ Use an AWS IAM user policy
- ☐ Use an AWS Security Hub managed insight



✓ Which disaster recovery option is the LEAST expensive?

1/1

- ☒ Backup and restore
- ☐ Multisite
- ☐ Warm standby
- ☐ Pilot light



✓ A company has a AWS managed IAM policy that does not grant the necessary permissions for users to accomplish required tasks. How can this be resolved?

1/1

- ☐ Use a third-party web application firewall (WAF) managed rule from the AWS Marketplace
- ☐ Enable AWS Shield Advanced
- ☐ Use AWS Key Management Service (AWS KMS) to create a customer- managed key
- ☒ Create a custom IAM policy



✓ Which AWS service is designed to help users who want to use machine learning for natural language processing (NLP) but do not have experience in machine learning?

1/1

- ☐ Amazon Rekognition
- ☐ AWS Deep Learning AMIs (DLAMI)
- ☒ Amazon Comprehend
- ☐ Amazon SageMaker



✓ AWS CloudFormation is designed to help the user with which of the following activities? 1/1

- ☐ Set up data lakes.
- ☒ Model and provision resources. ✓
- ☐ Update application code
- ☐ Create reports for billing

✓ How should you grant an amazon EC2 instance access to an Amazon S3 bucket in accordance with Security best practices? 1/1

- ☐ Modify the S3 bucket policy so any service can upload to it at anytime.
- ☒ Have the EC2 instance assume a role to obtain the privileges to upload the file to S3 bucket. ✓
- ☐ Hard code an IAM users secret key and access key directly in the application and upload the file to S3 bucket.
- ☐ Store the IAM users secret and access Key in a text file on the EC2 instance, read the keys and then upload the file

✓ Which of the following guidelines constitutes a well architecture design philosophy for cloud application development? 1/1

- ☐ Provision resources for peak capacity
- ☐ Keep static data closer to compute resources
- ☐ Use tightly coupled components
- ☒ Design for automated recovery from failure ✓

✓ A business wishes to improve its capacity for infrastructure recovery in the event of a natural catastrophe. This capability corresponds to which pillar of the AWS well-Architected framework? 1/1

- ☐ Security
- ☒ Reliability
- ☐ Performance efficiency
- ☐ Cost optimization



✓ An Organization wants to remove the necessity for pre-deployment estimation of infrastructure capacity. Additionally, the organization wants to spend money on cloud resources only when the resources are needed. Which AWS Cloud feature best meets the organization's needs? 1/1

- ☐ Reliability
- ☐ Global reach
- ☒ Pay-as-you-go pricing.
- ☐ Economies of scale



✓ How can a user safeguard against AWS service outages in the event of a widespread natural disaster? 1/1

- ☐ Store application artifacts using AWS artifact and replicate them across multiple AWS regions.
- ☒ Deploy applications across multiple AWS regions.
- ☐ Use a hybrid cloud computing deployment model within the geographic area.
- ☐ Deploy applications across multiple Availability zones within an AWS region





✓ If a user has an AWS account with an Enterprise-level AWS Support plan, who is the primary point of contact for billing or account inquiries? 1/1

- ☒ AWS Concierge Support team
- ☐ An AWS Marketplace seller
- ☐ AWS Partner Network (APN) partner
- ☐ Solutions architect



✓ A company wants to deploy a serverless application that requires long-running workflows and coordination between multiple microservices. They want to visualize and monitor the execution flow of their application. Which AWS service should they use? 1/1

- ☒ AWS Step Functions
- ☐ AWS Batch
- ☐ AWS Glue
- ☐ Amazon SWF



✓ Which of the following are best practices when using AWS Organizations? (Choose two.) 1/1

- ☐ Do not use Tags for billing.
- ☐ Do not use AWS Organizations to automate AWS account creation.
- ☒ Create accounts per department.
- ☐ Disable CloudTrail on multiple accounts.
- ☒ Restrict account privileges using Service Control Policies (SCP)



✓ How does consolidated billing help reduce costs for a company that has multiple AWS accounts? 1/1

- ☒ It aggregates usage across accounts so that the company can reach volume discount thresholds sooner. ✓
- ☐ It gives AWS resellers the ability to bill their customers for usage.
- ☐ It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
- ☐ It offers an additional 10% discount on purchases of All Upfront Reserved Instances

✓ How does AWS charge for AWS Lambda usage once the free tier has been exceeded? (Choose two.) 1/1

- ☐ By the number of versions of a specific Lambda function.
- ☒ By the time it takes for the Lambda function to execute. ✓
- ☐ By the programming language that is used for the Lambda function
- ☒ By the number of requests made for a given Lambda function. ✓
- ☐ By the total number of Lambda functions in an AWS account

✓ Your application is hosted on Amazon EC2 instances with Auto Scaling configured. You want to ensure that when an instance fails, it is replaced quickly, and the application's performance is maintained. Which settings should you configure to achieve this? 1/1

- ☐ Set a low minimum instance count and a high maximum instance count.
- ☐ Set a low cooldown period and a high instance termination policy.
- ☐ Set a low desired capacity and a high instance launch configuration.
- ☒ Set a low health check grace period and a high desired capacity. ✓

✓ Your application experiences sudden spikes in traffic at unpredictable intervals. You want to ensure that your application can handle these spikes automatically without manual intervention. Which feature of Amazon EC2 Auto Scaling can help achieve this? 1/1

- ☐ Scheduled scaling
- ☐ Predictive scaling
- ☒ Dynamic scaling
- ☐ Elastic scaling



✓ A company wants to migrate their existing relational database to AWS. They require a fully managed database service that offers high performance, scalability, and automated backups. Which AWS service should they use? 1/1

- ☒ Amazon RDS
- ☐ Amazon DynamoDB
- ☐ Amazon ElastiCache
- ☐ Amazon Redshift



✓ Which scenarios should a user report to the AWS Abuse team (Choose Two)? 1/1

- ☐ SQL injection attack being made from an IP address that doesn't belong to AWS
- ☒ A DDoS attack being made on an AWS resource. ✓
- ☐ Patch management of an Amazon EC2 instance Operating System
- ☐ A Company's resources are being used in a way that is inconsistent with corporate policy
- ☒ AWS resources are being used to host objectionable or illegal content. ✓
- ☐ A Company is receiving HTTPS requests on a web server that is serving HTTP traffic.

✓ Which type of VPN connection is recommended for connecting large-scale, 1/1 on-premises networks to multiple Amazon VPCs across different regions?

- ☐ Remote VPN
- ☐ Client VPN
- ☐ Software VPN
- ☒ Hardware VPN ✓

✓ A workload hosted on AWS will continue to operate indefinitely by using a steady number of Amazon EC2 instances. Which pricing strategy will decrease costs while assuring the availability of computational resources? 1/1

- ☒ Reserved instances
- ☐ Dedicated hosts
- ☐ On-Demand instances
- ☐ Spot instances



✓ How can AWS most effectively assist a startup in cutting down its computing costs? 1/1

- ☐ By automating the provisioning of individual developer environments
- ☐ By automating customer relationship management
- ☒ By providing on-demand resources for peak usage
- ☐ By implementing a fixed monthly computing budget



✓ Which of the following AWS service would enable you to share reserved instances across multiple accounts that your company manages? 1/1

- ☐ AWS CloudFormation
- ☒ AWS Organizations
- ☐ Amazon CloudWatch
- ☐ AWS Direct Connect



✓ Which of the following are categories of recommendations provided by AWS Trusted Advisor? (Choose three.) 1/1

- ☒ Cost Optimization ✓
- ☐ High Availability
- ☒ Fault Tolerance ✓
- ☐ Least Privilege Access
- ☒ Performance ✓

✓ A company is planning to migrate its on-premises infrastructure to AWS. They have a large number of virtual machines running different operating systems and applications. The company wants to simplify the migration process and minimize the impact on their existing systems. Which AWS service should they use? 1/1

- ☒ AWS Application Migration Service ✓
- ☐ AWS Snowball
- ☐ AWS DataSync
- ☐ AWS Application Discovery Service

✓ A company has infrastructure in one AWS Region and is expanding operations to a second AWS Region. The company is using the same AWS CloudFormation template in the second Region that the company uses in the original Region. The company attempts to launch Amazon EC2 OnDemand Instances in the second Region and receives error messages. What could cause these error messages? 1/1

- ☐ The company cannot operate in a second Region until it updates its AWS contract.
- ☐ The company has not configured AWS Budgets to monitor the budget for the EC2 instances.
- ☐ The requested EC2 instance types are not available in the second Region.
- ☒ A new EC2 key pair has not been created for the EC2 instances. ✓

✓ Which AWS Service provides a quick and automated way to create and manage AWS accounts? 1/1

- ☐ AWS QuickSight
- ☒ AWS Organizations ✓
- ☐ Amazon LightSail
- ☐ Amazon Connect

✓ Your organization needs to store large amounts of unstructured data in the cloud. Which AWS service is best suited for this purpose? 1/1

- ☒ Amazon S3 ✓
- ☐ Amazon DynamoDB
- ☐ AWS Snowball
- ☐ AWS Storage Gateway

✓ Your organization wants to grant temporary, limited access to AWS resources for external partners without creating AWS IAM users. Which AWS service can help you achieve this? (Select two.) 1/1

☐ AWS SSO

☒ Amazon Cognito



☐ AWS Directory Service

☒ AWS IAM roles



☐ AWS Organizations

✓ Which metric should you monitor closely to determine if Amazon EC2 Auto Scaling is effectively adjusting the number of instances in your Auto Scaling group? 1/1

☒ CPU utilization



☐ Disk space usage

☐ Network throughput

☐ DNS queries per second

✓ A company wants to build a serverless application that executes code in response to events such as changes to Amazon S3 buckets or updates to DynamoDB tables. They require a service that can automatically scale and handle the event-driven execution. Which AWS service should they use? 1/1

☐ Amazon EventBridge

☐ AWS Step Functions

☒ AWS Lambda



☐ Amazon SNS



✓ How does the scale of cloud computing help you to save costs? 1/1

- ☐ You can quickly deploy applications to customers and provide them with low latency.
- ☒ Accessing services on-demand helps to prevent excess or limited capacity. ✓
- ☐ You don't have to invest in technology resources before using them
- ☐ The aggregated cloud usage from a large number of customers results in lower pay-as-you-go pricing.

✓ Your company is moving their data storage from On-premise to Cloud. You are tasked with evaluating different approaches for data warehousing. Which AWS service should you use that provides a managed data warehousing solution and supports columnar storage up to a petabyte scale ? 1/1

- ☐ Amazon DynamoDB
- ☒ Amazon Redshift ✓
- ☐ AWS Database migration service
- ☐ Amazon Aurora

✓ Which element of the AWS Global Infrastructure enables caching of assets in a global content delivery network to reduce latency for end users? 1/1

- ☐ Region
- ☐ Local Zone
- ☐ Availability Zone
- ☒ Edge location ✓

✓ A company has performance and regulatory requirements that call for it to run its workload only in its on-premises data center. Which AWS services or resources should the company use? (Choose two) 1/1

- ☐ Amazon Pinpoint
- ☐ Amazon WorkLink
- ☒ AWS Outposts
- ☐ AWS AppSync
- ☒ AWS Snowball Edge



✓ What is the purpose of a "compliance report" in AWS Artifact? 1/1

- ☐ To generate custom audit reports based on user-defined criteria
- ☐ To provide real-time security alerts for AWS resources
- ☐ To track changes made to AWS services and resources
- ☒ To document AWS's compliance with industry standards



✓ Your organization is undergoing a comprehensive security audit, and you need to provide auditors with evidence of the security controls implemented in your AWS environment. What type of documents can you access in AWS Artifact to fulfill this requirement? 1/1

- ☐ Performance metrics of your Amazon EC2 instances.
- ☐ Service-level agreement (SLA) details for Amazon S3.
- ☒ Compliance reports and artifacts.
- ☐ AWS Identity and Access Management (IAM) user passwords.



# Google Forms

