988

1 # A company wants to rightsize its Amazon EC2 instances. Which configuration change will meet this requirement with the LEAST operational overhead?

A. Add EC2 instances in another Availability Zone.
B. Change the size and type of the EC2 instances based on utilization.
C. Convert the payment method from On-Demand to Savings Plans.
D. Reprovision the EC2 instances with a larger instance type.

https://aws.amazon.com/aws-cost-management/aws-cost-optimization/right-sizing/

2 # A company plans to host its data warehouse application on AWS. The company has a machine learning (ML) model and wants to use that model within its data warehouse for data forecasting. Which AWS service will meet these requirements?

A. Amazon DynamoDB
B. Amazon Redshift ML
C. Amazon Aurora ML
D. Amazon MemoryDB for Redis

https://aws.amazon.com/dynamodb/
https://aws.amazon.com/rds/aurora/machine-learning/
https://aws.amazon.com/memorydb/
https://aws.amazon.com/redshift/features/redshift-ml/

3 # Which option is a pillar of the AWS Well-Architected Framework?

A. Patch management
B. Cost optimization
C. Business technology strategy
D. Physical and environmental controls

https://aws.amazon.com/architecture/well-architected/?wa-lens-whitepapers.sort-by=item.additionalFields.sortDate&wa-lens-whitepapers.sort-order=desc&wa-guidance-whitepapers.sort-by=item.additionalFields.sortDate&wa-guidance-whitepapers.sort-order=desc

4 # Which of the following is a customer responsibility according to the AWS shared responsibility model?

A. Apply security patches for Amazon S3 infrastructure devices.
B. Provide physical security for AWS datacenters.
C. Install operating system updates on Lambda@Edge.
D. Implement multi-factor authentication (MFA) for IAM user accounts.

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

5 # A company wants to migrate its applications to the AWS Cloud. The company plans to identify and prioritize any business transformation opportunities and evaluate its AWS Cloud readiness. Which AWS service or tool should the company use to meet these requirements?

A. AWS Cloud Adoption Framework (AWS CAF)
B. AWS Managed Services (AMS)
C. AWS Well-Architected Framework
D. AWS Migration Hub

https://aws.amazon.com/managed-services/
https://aws.amazon.com/architecture/well-architected/?wa-lens-whitepapers.sort-by=item.additionalFields.sortDate&wa-lens-whitepapers.sort-order=desc&wa-guidance-whitepapers.sort-by=item.additionalFields.sortDate&wa-guidance-whitepapers.sort-order=desc
https://aws.amazon.com/migration-hub/
https://aws.amazon.com/cloud-adoption-framework/

6 # Which AWS service provides a relational database management system that is fully compatible with MySQL and PostgreSQL?

A. Amazon DynamoDB
B. Amazon Aurora
C. Amazon Neptune
D. Amazon Athena

https://aws.amazon.com/dynamodb/
https://aws.amazon.com/neptune/
https://aws.amazon.com/athena/
https://aws.amazon.com/rds/aurora/

7 # Which AWS service is always available free of charge to users?

A. Amazon Athena
B. AWS Identity and Access Management (IAM)
C. AWS Secrets Manager
D. Amazon ElastiCache

https://aws.amazon.com/athena/pricing/?nc=sn&loc=3
https://aws.amazon.com/secrets-manager/pricing/
https://aws.amazon.com/elasticache/pricing/?nc=sn&loc=5
https://aws.amazon.com/iam/?nc=sn&loc=0

8 # A company is launching a critical business application in an AWS Region. How can the company increase resilience for this application?

A. Deploy a copy of the application in another AWS account.
B. Deploy the application by using multiple VPCs.
C. Deploy the application by using multiple subnets.
D. Deploy the application by using multiple Availability Zones.

https://www.google.com/search?q=aws+vpc&sca_esv=556867888&rlz=1C1CHBF_enUS901US901&tbm=isch&source=lnms&sa=X&ved=2ahUKEwiu-fyAid2AAxXpT6QEHV9ZCcYQ_AUoAXoECAIQAw&biw=1463&bih=698&dpr=1.75#imgrc=Xte1LpuVLhVfeM
https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.concept.resiliency.en.html

9 # A web developer wants to use machine learning to classify images that are uploaded to a website. Which AWS service or feature will meet these requirements?

A. Amazon Rekognition
B. Amazon SageMaker Clarify
C. Amazon Mechanical Turk
D. Amazon Transcribe

https://aws.amazon.com/sagemaker/clarify/?sagemaker-data-wrangler-whats-new.sort-by=item.additionalFields.postDateTime&sagemaker-data-wrangler-whats-new.sort-order=desc
https://www.mturk.com/
https://aws.amazon.com/pm/transcribe/?trk=ad86880e-8c11-4d89-b2d3-380fec39edb4&sc_channel=ps&ef_id=EAIaIQobChMIp9O56IndgAMVCoVLBR2nGQMFEAAYASAAEgIsUfD_BwE:G:s&s_kwcid=AL!4422!3!652868433304!d!g!!amazon%20transcribe!19909695551!147224394363
https://aws.amazon.com/rekognition/

10 # Which options are AWS Cloud Adoption Framework (AWS CAF) perspectives? (Choose two.)

A. Cloud fluency
B. Security
C. Change acceleration
D. Architecture
E. Business

https://aws.amazon.com/cloud-adoption-framework/

11 # A company is defining its AWS multi-account strategy. The company needs to control access to AWS services and needs to consolidate billing across accounts. Which AWS service should the company use to meet these requirements?

A. AWS Organizations
B. AWS Identity and Access Management (IAM)
C. AWS Billing and Cost Management
D. Amazon Cognito

https://aws.amazon.com/iam/
https://docs.aws.amazon.com/account-billing/index.html
https://aws.amazon.com/cognito/
https://aws.amazon.com/organizations/features/

12 # Which options are common stakeholders for the AWS Cloud Adoption Framework (AWS CAF) platform perspective? (Choose two.)

A. Chief financial officers (CFOs)
B. IT architects
C. Chief information officers (CIOs)
D. Chief data officers (CDOs)
E. Engineers

https://aws.amazon.com/cloud-adoption-framework/

13 # A company wants to migrate to the AWS Cloud. The company needs the ability to acquire resources when the resources are necessary. The company also needs the ability to release those resources when the resources are no longer necessary. Which architecture concept of the AWS Cloud meets these requirements?

A. Elasticity
B. Availability
C. Reliability
D. Durability

https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.concepts.wa-concepts.en.html

14 # An ecommerce company wants to provide relevant product recommendations to its customers. The recommendations will include products that are frequently purchased with other products that the customer already purchased. The recommendations also will include products of a specific color and products from the customer's favorite brand. Which AWS service or feature should the company use to meet these requirements with the LEAST development effort?

A. Amazon Comprehend
B. Amazon Forecast
C. Amazon Personalize

D. Amazon SageMaker Studio

https://aws.amazon.com/comprehend/
https://aws.amazon.com/forecast/
https://aws.amazon.com/sagemaker/studio/
https://aws.amazon.com/pm/personalize/

15 # Which AWS service provides encryption at rest for Amazon RDS and for Amazon Elastic Block Store (Amazon EBS) volumes?

A. AWS Lambda
B. AWS Key Management Service (AWS KMS)
C. AWS WAF
D. Amazon Rekognition

https://aws.amazon.com/lambda/
https://aws.amazon.com/waf/
https://aws.amazon.com/rekognition/
https://aws.amazon.com/kms/

16 # Which AWS service is deployed to VPCs and provides protection from common network threats?

A. AWS Shield
B. AWS WAF
C. AWS Network Firewall
D. AWS Firewall Manager

https://aws.amazon.com/shield/
https://aws.amazon.com/waf/
https://aws.amazon.com/firewall-manager/
https://aws.amazon.com/network-firewall/

17 # A company has an environment that includes Amazon EC2 instances, Amazon Lightsail, and on-premises servers. The company wants to automate the security updates for its operating systems and applications. Which solution will meet these requirements with the LEAST operational effort?

A. Use AWS Shield to identify and manage security events.
B. Connect to each server by using a remote desktop connection. Run an update script.
C. Use the AWS Systems Manager Patch Manager capability.
D. Schedule Amazon GuardDuty to run on a nightly basis.

https://docs.aws.amazon.com/systems-manager/latest/userguide/patch-manager.html

18 # Which design principles are included in the reliability pillar of the AWS Well-Architected Framework? (Choose two.)

A. Automatically recover from failure.
B. Grant everyone access to increase AWS service quotas.
C. Stop guessing capacity.
D. Design applications to run in a single Availability Zone.
E. Plan to increase AWS service quotas first in a secondary AWS Region.

https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

19 # A company wants to query its server logs to gain insights about its customers' experiences. Which AWS service will storethis data MOST cost-effectively?

A. Amazon Aurora
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon S3

https://aws.amazon.com/rds/aurora/pricing/
https://aws.amazon.com/efs/pricing/
https://aws.amazon.com/ebs/pricing/
https://aws.amazon.com/s3/pricing/?nc=sn&loc=4

20 # A company needs to control inbound and outbound traffic for an Amazon EC2 instance. Which AWS service or feature can the company associate with the EC2 instance to meet this requirement?

A. Network ACL
B. Security group
C. AWS WAF
D. VPC route tables

https://docs.aws.amazon.com/vpc/latest/userguide/vpc-network-acls.html
https://aws.amazon.com/waf/features/
https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Route_Tables.html
https://docs.aws.amazon.com/vpc/latest/userguide/security-groups.html

21 # A company seeks cost savings in exchange for a commitment to use a specific amount of an AWS service or category of AWS services for 1 year or 3 years. Which AWS pricing model or offering will meet these requirements?

A. Pay-as-you-go pricing
B. Savings Plans
C. AWS Free Tier
D. Volume discounts

https://aws.amazon.com/pricing/?aws-products-pricing.sort-by=item.additionalFields.productNameLowercase&aws-products-pricing.sort-order=asc&awsf.Free%20Tier%20Type=*all&awsf.tech-category=*all
https://aws.amazon.com/free/?all-free-tier.sort-by=item.additionalFields.SortRank&all-free-tier.sort-order=asc&awsf.Free%20Tier%20Types=*all&awsf.Free%20Tier%20Categories=*all
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/useconsolidatedbilling-effective.html
https://aws.amazon.com/savingsplans/

22 # A company is migrating to the AWS Cloud and wants to optimize the use of its current software licenses. Which AWS services, features, or purchasing options can the company use to meet these requirements? (Choose two.)

A. AWS Compute Optimizer
B. Amazon EC2 Dedicated Hosts
C. Savings Plans
D. AWS License Manager
E. AWS Budgets

https://aws.amazon.com/compute-optimizer/
https://aws.amazon.com/savingsplans/
https://aws.amazon.com/aws-cost-management/aws-budgets/
https://aws.amazon.com/ec2/dedicated-hosts/
https://aws.amazon.com/license-manager/

23 # A company wants a key-value NoSQL database that is fully managed and serverless. Which AWS service will meet these requirements?

A. Amazon DynamoDB
B. Amazon RDS
C. Amazon Aurora
D. Amazon MemoryDB for Redis

https://aws.amazon.com/rds/
https://aws.amazon.com/rds/aurora/
https://aws.amazon.com/memorydb/
https://aws.amazon.com/dynamodb/

24 # Which AWS services can a company use to host and run a MySQL database? (Choose two.)

A. Amazon RDS
B. Amazon DynamoDB
C. Amazon S3
D. Amazon EC2
E. Amazon MQ

https://aws.amazon.com/dynamodb/
https://aws.amazon.com/s3/
https://aws.amazon.com/amazon-mq/
https://aws.amazon.com/rds/
https://aws.amazon.com/pm/ec2/

25 # A company is setting up AWS Identity and Access Management (IAM) on an AWS account. Which recommendation complies with IAM security best practices?

A. Use the account root user access keys for administrative tasks.
B. Grant broad permissions so that all company employees can access the resources they need.
C. Turn on multi-factor authentication (MFA) for added security during the login process.
D. Avoid rotating credentials to prevent issues in production applications.

https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html

26 # A company wants guidance to optimize the cost and performance of its current AWS environment. Which AWS service or toolshould the company use to identify areas for optimization?

A. Amazon QuickSight
B. AWS TrustedAdvisor
C. AWS Organizations
D. AWS Budgets

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

27 # A company needs a data warehouse for analytical workloads. The data warehouse must support standard SQL queries. Which AWS service meets these requirements?

A. Amazon EMR
B. Amazon Athena

C. Amazon Redshift
D. Amazon RDS

28 # Which AWS solution provides the ability for a company to run AWS services in the company's on-premises data center?

A. AWS Direct Connect
B. AWS Outposts
C. AWS Systems Manager hybrid activations
D. AWS Storage Gateway

https://aws.amazon.com/directconnect/
https://docs.aws.amazon.com/systems-manager/latest/userguide/activations.html
https://aws.amazon.com/outposts/

29 # A user is moving a workload from a local data center to an architecture that is distributed between the local data center and the AWS Cloud. Which type of migration is this?

A. On-premises to cloud native
B. Hybrid to cloud native
C. On-premises to hybrid
D. Cloud native to hybrid

30 # A company is using AWS Organizations to configure AWS accounts. Which design principle is a best practice for the company to implement?
A. Organize accounts based on security and operational needs.
B. Assign multiple sets of related workloads to each production account.
C. Deploy workloads to the organization's management account.
D. Combine production workloads and non-production workloads.

https://docs.aws.amazon.com/whitepapers/latest/organizing-your-aws-environment/design-principles-for-your-multi-account-strategy.html

31 # A company is preparing to launch a redesigned website on AWS. Users from around the world will download digital handbooks from the website. Which AWS solution should the company use to provide these static files securely?
A. Amazon Kinesis Data Streams
B. Amazon CloudFront with Amazon S3
C. Amazon EC2 instances with an Application Load Balancer
D. Amazon Elastic File System (Amazon EFS)

https://aws.amazon.com/kinesis/data-streams/

32 # A company must store call recordings for 6 years. The storage system should be highly durable and cost-effective. Which AWS service meets these requirements?
A. AWS Snowball
B. Amazon S3
C. AWS Storage Gateway
D. Amazon Kinesis

https://aws.amazon.com/kinesis/

33 # Which task can only an AWS account root user perform?
A. Changing the AWS Support plan
B. Deleting AWS resources
C. Creating an Amazon EC2 instance key pair
D. Configuring AWS WAF

https://docs.aws.amazon.com/accounts/latest/reference/root-user-tasks.html
https://docs.aws.amazon.com/awssupport/latest/user/changing-support-plans.html

34 # A company has only basic knowledge of AWS technologies. Which AWS service provides the SIMPLEST way for the company to establish a website on AWS?
A. Amazon Elastic File System (Amazon EFS)
B. AWS Elastic Beanstalk
C. AWS Lambda
D. Amazon Lightsail

https://aws.amazon.com/elasticbeanstalk/
https://aws.amazon.com/lightsail/

35 # Which AWS service offers a global content delivery network (CDN) that helps companies securely deliver websites, videos, applications, and APIs at high speeds with low latency?
A. Amazon EC2
B. Amazon CloudFront
C. Amazon CloudWatch
D. AWS CloudFormation

https://aws.amazon.com/cloudformation/
https://aws.amazon.com/cloudwatch/
https://aws.amazon.com/cloudfront/

36 # Which AWS service is designed to help users build conversational interfaces into applications using voice and text?
A. Amazon Lex
B. Amazon Transcribe
C. Amazon Comprehend
D. Amazon Timestream

https://aws.amazon.com/timestream/
https://aws.amazon.com/comprehend/
https://aws.amazon.com/transcribe/
https://aws.amazon.com/lex/

37 # A company provides a web-based ecommerce service that runs in two Availability Zones within a single AWS Region. The web service distributes content that is stored in the Amazon S3 Standard storage class. The company wants to improve the web service's performance globally. What should the company do to meet this requirement?
A. Change the S3 storage class to S3 Intelligent-Tiering.
B. Deploy an Amazon CloudFront distribution to cache web server content in edge locations.
C. Use Amazon API Gateway for the web service.
D. Migrate the website ecommerce servers to Amazon EC2 with enhanced networking.

38 # A company wants to use guidelines from the AWS Well-Architected Framework to limit human error and facilitate consistent responses to events. Which of the following is a Well-Architected design principle that will meet these requirements?
A. Use AWS Code Deploy.
B. Perform operations as code.
C. Migrate workloads to a Dedicated Host.
D. Use AWS Compute Optimizer.

https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

39 # A company needs to run some of its workloads on premises to comply with regulatory guidelines. The company wants to use the AWS Cloud to run workloads that are not required to be on premises. The company also wants to be able to use the same API calls for the on-premises workloads and the cloud workloads. Which AWS service or feature should the company use to meet these requirements?
A. Dedicated Hosts
B. AWS Outposts
C. Availability Zones
D. AWS Wavelength

https://aws.amazon.com/wavelength/

40 # Which option is AWS responsible for under the AWS shared responsibility model?
A. Network and firewall configuration
B. Client-side data encryption
C. Management of user permissions
D. Hardware and infrastructure

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

41 # Which tasks are customer responsibilities, according to the AWS shared responsibility model? (Choose two.)
A. Configure the AWS provided security group firewall.
B. Classify company assets in the AWS Cloud.
C. Determine which Availability Zones to use for Amazon S3 buckets.
D. Patch or upgrade Amazon DynamoDB.
E. Select Amazon EC2 instances to run AWS Lambda on.

42 # Which scenarios represent the concept of elasticity on AWS? (Choose two.)
A. Scaling the number of Amazon EC2 instances based on traffic
B. Resizing Amazon RDS instances as business needs change
C. Automatically directing traffic to less-utilized Amazon EC2 instances
D. Using AWS compliance documents to accelerate the compliance process
E. Having the ability to create and govern environments using code

43 # A company encourages its teams to test failure scenarios regularly and to validate their understanding of the impact of potential failures. Which pillar of the AWS Well-Architected Framework does this philosophy represent?
A. Operational excellence
B. Cost optimization
C. Performance efficiency
D. Security

44 # A company wants to optimize tong-term compute costs of AWS Lambda functions and Amazon EC2 instances. Which AWS purchasing option should the company choose to meet these requirements
A. Dedicated Hosts
B. Compute Savings Plans
C. Reserved Instances
D. Spot Instances

https://aws.amazon.com/about-aws/whats-new/2020/02/aws-lambda-participates-in-compute-savings-plans/

45 # A company wants its Amazon EC2 instances to provide a low-latency static website to global users. What should the company do to meet this requirement?
A. Use the EC2 instances in multiple edge locations.
B. Use an Application Load Balancer with the EC2 instances configured as the target.
C. Use the EC2 instances in the same Availability Zone but in different AWS Regions.
D. Use Amazon Cloud Front with the EC2 instances configured as the source.

46 # Which of the following are general AWS Cloud design principles described in the AWS Well-Architected Framework? (Choose two.)
A. Consolidate key components into monolithic architectures.
B. Test systems at production scale.
C. Provision more capacity than a workload is expected to need.
D. Drive architecture design based on data collected about the workload behaviour and requirements.
E. Make AWS Cloud architectural decisions static, one-time events.

47 # A company needs Amazon EC2 instances for a workload that can tolerate interruptions. Which EC2 instance purchasing option meets this requirement with the LARGEST discount compared to On-Demand prices?
A. Spot Instances
B. Convertible Reserved Instances
C. Standard Reserved Instances
D. Dedicated Hosts

48 # A company distributes traffic evenly among a fleet of Amazon EC2 instances. The EC2 instances must accommodate unpredictable increases in traffic. Which benefit does the AWS Cloud provide to meet this requirement?
A. Scalability
B. Resilience
C. Security
D. Agility

49 # A global company wants to use a managed security service for protection from SQL injection attacks. The service also must provide detailed logging information about access to the company's ecommerce applications. Which AWS service will meet these requirements?
A. AWS Network Firewall
B. Amazon RDS for SQL Server
C. Amazon GuardDuty
D. AWS WAF

50 # A company wants its Amazon EC2 instances to share the same geographic area but use redundant underlying power sources. Which solution will meet these requirements?
A. Use EC2 instances across multiple Availability Zones in the same AWS Region.
B. Use Amazon CloudFront as the database for the EC2 instances.
C. Use EC2 instances in the same edge location and the same Availability Zone.
D. Use EC2 instances in AWS OpsWorks stacks in different AWS Regions.

51 # A company wants to automatically set up and govern a multi-account AWS environment. Which AWS service provides this functionality?
A. AWS IAM Identity Center (AWS Single Sign-On)
B. AWS Systems Manager
C. AWS Config
D. AWS Control Tower

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

52 # A company is planning a migration to the AWS Cloud and wants to examine the costs that are associated with different workloads. Which AWS tool will meet these requirements?
A. AWS Budgets
B. AWS Cost Explorer
C. AWS Pricing Calculator
D. AWS Cost and Usage Report

https://aws.amazon.com/aws-cost-management/aws-cost-explorer/
https://docs.aws.amazon.com/cur/latest/userguide/what-is-cur.html
https://calculator.aws/#/

53 # A company wants to move its IOS application development and build activities to AWS. Which AWS service or resource should the company use for these activities?
A. AWS CodeCommit
B. Amazon EC2 M1 Mac instances
C. AWS Amplify
D. AWS App Runner

https://aws.amazon.com/codecommit/
https://aws.amazon.com/ec2/instance-types/mac/
https://aws.amazon.com/apprunner/
https://aws.amazon.com/amplify/

54 # Which task can a company perform by using security groups in the AWS Cloud?
A. Allow access to an Amazon EC2 instance through only a specific port.
B. Deny access to malicious IP addresses at a subnet level.
C. Protect data that is cached by Amazon Cloud Front.
D. Apply a stateless firewall to an Amazon EC2 instance.

https://docs.aws.amazon.com/vpc/latest/userguide/security-groups.html

55 # A company needs to apply security rules to a subnet for Amazon EC2 instances. Which AWS service or feature provides this functionality?
A. Network ACLs
B. Security groups
C. AWS Certificate Manager (ACM)
D. AWS Config

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

56 # Which of the following is a software development framework that a company can use to define cloud resources as code and provision the resources through AWS CloudFormation?
A. AWS CLI
B. AWS Developer Center
C. AWS Cloud Development Kit (AWS CDK)
D. AWS CodeStar

https://aws.amazon.com/cli/
https://aws.amazon.com/developer/
https://aws.amazon.com/codestar/
https://aws.amazon.com/cdk/features/

57 # A company wants to run a NoSQL database on Amazon EC2 instances. Which task is the responsibility of AWS in this scenario?
A. Update the guest operating system of the EC2 instances.
B. Maintain high availability at the database layer.
C. Patch the physical infrastructure that hosts the EC2 instances.
D. Configure the security group firewall.

58 # An ecommerce company wants to distribute traffic between the Amazon EC2 instances that host its website. Which AWS service or resource will meet these requirements?
A. Application Load Balancer
B. AWS WAF
C. AWS CloudHSM
D. AWS Direct Connect

https://aws.amazon.com/cloudhsm/

59 # A company is planning to migrate to the AWS Cloud. The company wants to identify measurable business outcomes that will explain the value of the company's decision to migrate. Which phase of the cloud transformation journey includes these activities?
A. Envision
B. Align
C. Scale
D. Launch

https://docs.aws.amazon.com/whitepapers/latest/overview-aws-cloud-adoption-framework/your-cloud-transformation-journey.html

60 # A company migrated its core application onto multiple workloads in the AWS Cloud. The company wants to improve the application's reliability. Which cloud design principle should the company implement to achieve this goal?
A. Maximize utilization.
B. Decouple the components.
C. Rightsize the resources.
D. Adopt a consumption model.

61 # A company has a large number of Linux Amazon EC2 instances across several Availability Zones in an AWS Region. Applications that run on the EC2 instances need access to a common set of files. Which AWS service or device should the company use to meet this requirement?
A. AWS Backup
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Elastic Block Store (Amazon EBS)
D. AWS Snowball Edge Storage Optimized

https://aws.amazon.com/backup/

An ecommerce company wants to design a highly available application that will be hosted on multiple Amazon EC2 instances. How should the company deploy the EC2 instances to meet these requirements?
A. Across multiple edge locations
B. Across multiple VPCs
C. Across multiple Availability Zones
D. Across multiple AWS accounts

Which AWS service is a continuous delivery and deployment solution?
A. AWS AppSync
B. AWS CodePipeline
C. AWS Cloud9
D. AWS CodeCommit

https://aws.amazon.com/cloud9/
https://aws.amazon.com/appsync/?p=pm&c=as&z=4
https://aws.amazon.com/codepipeline/

Which AWS services can be used to store files? (Choose two.)
A. Amazon S3
B. AWS Lambda

C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon SageMaker
E. AWS Storage Gateway

https://aws.amazon.com/sagemaker/

A company has set up a VPC on AWS. The company needs a dedicated connection between the VPC and the company's on-premises network. Which action should the company take to meet this requirement?
A. Establish a VPN connection between the VPC and the company's on-premises network.
B. Establish an AWS Direct Connect connection between the VPC and the company's on-premises network.
C. Attach an internet gateway to the VC.PUse the AWS public endpoints for connectivity.
D. Configure Amazon Connect to provide connectivity between the VPC and the company's on-premises network.

https://aws.amazon.com/connect/

Which of the following is a benefit that AWS Professional Services provides?
A. Management of the ongoing security of user data
B. Advisory solutions for AWS adoption
C. Technical support 24 hours a day, 7 days a week
D. Monitoring of monthly billing costs in AWS accounts

https://aws.amazon.com/professional-services/

A company needs a graph database service that is scalable and highly available. Which AWS service meets these requirements?
A. Amazon Aurora
B. Amazon Redshift
C. Amazon DynamoDB
D. Amazon Neptune

Which AWS service can provide a dedicated network connection with consistent low latency from on premises to the AWS Cloud?
A. Amazon VPC
B. Amazon Kinesis Data Streams
C. AWS Direct Connect
D. Amazon OpenSearch Service

https://aws.amazon.com/opensearch-service/

What is the LEAST expensive AWS Support plan that provides the full set of AWS Trusted Advisor best practice checks for cost optimization?
A. AWS Enterprise Support
B. AWS Business Support
C. AWS Developer Support
D. AWS Basic Support

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

A company is looking for a managed machine learning (ML) service that can recommend products based on a customer's previous behaviors. Which AWS service meets this requirement?

A. Amazon Personalize
B. Amazon SageMaker
C. Amazon Pinpoint
D. Amazon Comprehend

https://aws.amazon.com/pinpoint/
https://aws.amazon.com/personalize/

A company runs a database on Amazon Aurora in the us-east-1 Region. The company has a disaster recovery requirement that the database be available in another Region. Which solution meets this requirement with minimal disruption to the database operations?

A. Perform an Aurora Multi-AZ deployment.
B. Deploy Aurora cross-Region read replicas.
C. Create Amazon Elastic Block Store (Amazon EBS) volume snapshots for Aurora and copy them to another Region.
D. Deploy Aurora Replicas.

https://aws.amazon.com/rds/aurora/features/

A company is planning its migration to the AWS Cloud. The company is identifying its capability gaps by using the AWS Cloud Adoption Framework (AWS CAF) perspectives. Which phase of the cloud transformation journey includes these identification activities?

A. Envision
B. Align
C. Scale
D. Launch

https://aws.amazon.com/cloud-adoption-framework/

A company is building a mobile app to provide shopping recommendations to its customers. The company wants to use a graph database as part of the shopping recommendation engine. Which AWS database service should the company choose?

A. Amazon DynamoDB
B. Amazon Aurora
C. Amazon Neptune
D. Amazon DocumentDB (with MongoDB compatibility)

Which AWS service should be used when a company needs to provide its remote employees with virtual desktops?

A. Amazon Identity and Access Management (IAM)
B. AWS Directory Service
C. AWS IAM Identity Center (AWS Single Sign-On)
D. Amazon Workspaces

https://aws.amazon.com/iam/identity-center/
https://aws.amazon.com/workspaces/

Which of the following are benefits of VPC endpoints? (Choose two.)

A. A VPC endpoint makes private connections possible between an on-premises environment and supported AWS services.
B. A VPC endpoint applies encryption to a connection that would be unencrypted otherwise.
C. A VPC endpoint makes private connections possible between a VPC and supported AWS services.
D. A VPC endpoint does not require an internet gateway, virtual private gateway, NAT device, VPN connection, or AWS Direct Connect connection.
E. A VPC endpoint makes public connections possible for applications. Instances in the VPC do not require public IP addresses to communicate with the internet.

https://docs.aws.amazon.com/whitepapers/latest/aws-privatelink/what-are-vpc-endpoints.html

Which Amazon S3 storage class is the MOST cost-effective for long-term storage?

A. S3 Glacier Deep Archive
B. S3 Standard
C. S3 Standard-Infrequent Access (S3 Standard-IA)
D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

Which option is an AWS Cloud Adoption Framework (AWS CAF) perspective?

A. Cloud fluency
B. Security
C. Change acceleration
D. Architecture

A company is in the early stages of planning a migration to AWS. The company wants to obtain the monthly predicted total AWS cost of ownership for future Amazon EC2 instances and associated storage. Which AWS service or tool should the company use to meet these requirements?

A. AWS Pricing Calculator
B. AWS Compute Optimizer
C. AWS Trusted Advisor
D. AWS Application Migration Service

A company wants to securely store Amazon RDS database credentials and automatically rotate user passwords periodically. Which AWS service or capability will meet these requirements?

A. Amazon S3
B. AWS Systems Manager Parameter Store
C. AWS Secrets Manager
D. AWS CloudTrail

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

A company is using a central data platform to manage multiple types of data for its customers. The company wants to use AWS services to discover, transform, and visualize the data. Which combination of AWS services should the company use to meet these requirements? (Choose two.)

A. AWS Glue
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Redshift
D. Amazon QuickSight
E. Amazon Quantum Ledger Database (Amazon QLDB)

https://aws.amazon.com/quicksight/
https://aws.amazon.com/blogs/big-data/transform-data-and-create-dashboards-simply-using-aws-glue-databrew-and-amazon-quicksight/

81 # A company wants to monitor for misconfigured security groups that are allowing unrestricted access to specific ports. Which AWS service will meet this requirement?

A. AWS Trusted Advisor
B. Amazon CloudWatch
C. Amazon Guard Duty
D. AWS Health Dashboard

https://aws.amazon.com/premiumsupport/technology/aws-health-dashboard/
https://aws.amazon.com/guardduty/
https://docs.aws.amazon.com/awssupport/latest/user/trusted-advisor-check-reference.html

A company is hosting a web application on Amazon EC2 instances. The company wants to implement custom conditions to filter and control inbound web traffic. Which AWS service will meet these requirements?

A. Amazon GuardDuty
B. AWS WAF
C. Amazon Macie
D. AWS Shield

Which AWS service will allow a user to set custom cost and usage limits, and will alert when the thresholds are exceeded?

A. AWS Organizations
B. AWS Budgets
C. Cost Explorer
D. AWS Trusted Advisor

Which AWS services can a company use to achieve a loosely coupled architecture? (Choose two.)

A. Amazon Workspaces
B. Amazon Simple Queue Service (Amazon SQS)
C. Amazon Connect
D. AWS Trusted Advisor
E. AWS Step Functions

A company needs the ability to acquire resources when the resources are needed. The company also needs the ability to release the resources when the resources are no longer needed. Which AWS concept represents the company's goals?

A. Scalability
B. Sustainability
C. Elasticity
D. Operational excellence

A company is launching a mobile app. The company wants customers to be able to use the app without upgrading their mobile devices. Which pillar of the AWS Well-Architected Framework does this goal represent?

A. Security
B. Reliability
C. Cost optimization
D. Sustainability

A company wants to have one AWS account for the entire company and individual accounts for each department. Which AWS service should the company use to aggregate and manage all accounts?

A. AWS Billing and Cost Management
B. AWS Organizations
C. AWS Identity and Access Management (IAM)
D. AWS Resource Access Manager

A company wants to minimize network latency between its Amazon EC2 instances. The EC2 instances do not need to be highly available. Which solution meets these requirements?

A. Use EC2 instances in a single Availability Zone.
B. Use Amazon CloudFront as the database for the EC2 instances.
C. Use EC2 instances in the same edge location and the same Availability Zone.
D. Use EC2 instances in the same edge location and the same AWS Region.

Question #: 900
Which abilities are benefits of the AWS Cloud? (Choose two.)
A. Trade variable expenses for capital expenses.
B. Deploy globally in minutes.
C. Plan capacity in advance of deployments.
D. Take advantage of economies of scale.
E. Reduce dependencies on network connectivity.

B. Deploy globally in minutes: With the AWS Cloud, you can quickly and easily deploy your applications and resources in multiple geographic regions around the world. This allows you to reach your customers with low latency and provide a better user experience. D. Take advantage of economies of scale: AWS operates at a massive scale, which enables them to offer cost-effective services to customers. By leveraging the AWS Cloud, you can benefit from the economies of scale and reduce your infrastructure costs compared to traditional on-premises solutions.

Question #: 899
A company needs to run a workload for several batch image rendering applications. It is acceptable for the workload to experience downtime. Which Amazon EC2 pricing model would be MOST cost-effective in this situation?
A. On-Demand Instances
B. Reserved Instances
C. Dedicated Instances
D. Spot Instances

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

Question #: 898
A company wants to estimate its expected monthly AWS costs. The company also wants to find out the cost of a new set of instances and services. Which AWS service or tool can the company use to meet these requirements?
A. AWS Budgets
B. AWS Pricing Calculator
C. AWS Trusted Advisor
D. AWS Marketplace

B. AWS Pricing Calculator "AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases. You can use it to model your solutions before building them, explore the AWS service price points, and review the calculations behind your estimates. You can use it to help you plan how you spend, find cost saving opportunities, and make informed decisions when using Amazon Web Services. AWS Pricing Calculator is useful for those who have never used AWS. It's also useful for those who want to reorganize or expand their AWS usage. You don't need any experience with the cloud or AWS to use AWS Pricing Calculator." https://docs.aws.amazon.com/pricing-calculator/latest/userguide/what-is-pricing-calculator.html

Question #: 897
A company is expecting a short-term spike in internet traffic for its application. During the traffic increase, the application cannot be interrupted. The company also needs to minimize cost and maximize flexibility. Which Amazon EC2 instance type should the company use to meet these requirements?
A. On-Demand Instances
B. Spot Instances
C. Reserved Instances
D. Dedicated Hosts

Question #: 896
A company wants to update its online data processing application by implementing container-based services that run for 4 hours at a time. The company does not want to provision or manage server instances. Which AWS service will meet these requirements?
A. AWS Lambda
B. AWS Fargate
C. Amazon EC2
D. AWS Elastic Beanstalk

Selected Answer: B

AWS Fargate is a technology that you can use with Amazon ECS to run containers without having to manage servers or clusters of Amazon EC2 instances. With Fargate, you no longer have to provision, configure, or scale clusters of virtual machines to run containers.
https://docs.aws.amazon.com/AmazonECS/latest/userguide/what-is-fargate.html#

Question #: 895
A company is migrating to the AWS Cloud to meet storage needs. The company wants to optimize costs based on the amount of storage that the company uses. Which AWS offering or benefit will meet these requirements MOST cost-effectively?
A. Pay-as-you-go pricing
B. Savings Plans
C. AWS Free Tier
D. Volume-based discounts

Selected Answer: D

Some services, such as AWS Data Transfer and Amazon S3, have volume pricing tiers across certain usage dimensions that give you lower prices the more you use the service.

Question #: 894
A developer who has no AWS Cloud experience wants to use AWS technology to build a web application. Which AWS service should the developer use to start building the application?
A. AWS Organizations
B. AWS Identity and Access Management (IAM)
C. AWS Billing and Cost Management
D. Amazon Cognito

Selected Answer: D

Amazon Cognito is a service that provides user authentication, authorization, and user management for web and mobile applications. It allows developers to easily add user sign-up, sign-in, and access control to their applications without the need to build and maintain their own user management system.

Question #: 893
A developer who has no AWS Cloud experience wants to use AWS technology to build a web application. Which AWS service should the developer use to start building the application?
A. Amazon SageMaker
B. AWS Lambda
C. Amazon Lightsail
D. Amazon Elastic Container Service (Amazon ECS)

Selected Answer: C

Amazon Lightsail is designed to provide a simple and straightforward way to launch and manage virtual private servers (VPS) in the AWS Cloud. It offers pre-configured virtual servers with a selection of operating systems, databases, and development stacks. The service provides an intuitive web-based management console, making it easy for developers to get started quickly without the need for in-depth knowledge of AWS services.

Question #: 892
Which pillar of the AWS Well-Architected Framework focuses on the ability to run workloads effectively, gain insight into operations, and continuously improve supporting processes and procedures?
A. Cost optimization
B. Reliability
C. Operational excellence
D. Performance efficiency

Selected Answer: C

https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

Question #: 891
Which AWS services are examples of NoSQL databases? (Choose two.)
A. Amazon DynamoDB
B. Amazon ElastiCache
C. Amazon Redshift
D. Amazon Aurora
E. Amazon RDS for MySQL

Selected Answer: AB

https://aws.amazon.com/nosql/ https://docs.aws.amazon.com/whitepapers/latest/choosing-an-aws-nosql-database/understanding-amazon-nosql-data-stores.html

Question #: 890
Which tasks are the responsibility of the customer, according to the AWS shared responsibility model? (Choose two.)
A. Patch the Amazon RDS operating system.
B. Upgrade the firmware of the network infrastructure.
C. Manage data encryption.
D. Maintain physical access control in an AWS Region.
E. Grant least privilege access to IAM users.

Selected Answer: CE

https://aws.amazon.com/compliance/shared-responsibility-model/ https://docs.aws.amazon.com/whitepapers/latest/aws-risk-and-compliance/shared-responsibility-model.html

100 - Question #: 889
Which AWS service, feature, or tool helps visualize the pattern of AWS spending?
A. Cost Explorer
B. Amazon DevPay
C. AWS CloudTrail
D. Consolidated billing

Selected Answer: A

A. Cost Explorer "AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time. Get started quickly by creating custom reports that analyze cost and usage data. Analyze your data at a high level (for example, total costs and usage across all accounts), or dive deeper into your cost and usage data to identify trends, pinpoint cost drivers, and detect anomalies." https://aws.amazon.com/aws-cost-management/aws-cost-explorer/

Question #: 888
Which factors affect costs in the AWS Cloud? (Choose two.)
A. The number of unused AWS Lambda functions
B. The number of configured Amazon S3 buckets
C. Inbound data transfers without acceleration
D. Outbound data transfers without acceleration
E. Compute resources that are currently in use

Selected Answer: DE

https://docs.aws.amazon.com/whitepapers/latest/how-aws-pricing-works/key-principles.html

Question #: 887
Which perspective of the AWS Cloud Adoption Framework (AWS CAF) encourages the development of well-architected, cloud-focused applications?
A. Platform
B. Operations
C. Governance
D. Security

Selected Answer: A

https://aws.amazon.com/cloud-adoption-framework/

Question #: 886
Which controls are the responsibility of both AWS and AWS customers, according to the AWS shared responsibility model? (Choose two.)
A. Physical and environmental controls
B. Patch management
C. Configuration management
D. Account structures
E. Choice of the AWS Region where data is stored

Selected Answer: BC

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

Question #: 885
An auditor is preparing for an annual security audit. The auditor requests certification details for a company's AWS hosted resources across multiple Availability Zones in the us-east-1 Region. How should the company respond to the auditor's request?
A. Open an AWS Support ticket to request that the AWS technical account manager (TAM) respond and help the auditor.
B. Open an AWS Support ticket to request that the auditor receive approval to conduct an onsite assessment of the AWS data centers in which the company operates.
C. Explain to the auditor that AWS does not need to be audited because the company's application is hosted in multiple Availability Zones.
D. Use AWS Artifact to download the applicable report for AWS security controls. Provide the report to the auditor.

Selected Answer: D

https://aws.amazon.com/artifact/

Question #: 884
Which AWS service or storage class provides low-cost, long-term data storage?
A. Amazon S3 Glacier Deep Archive
B. AWS Snowball
C. Amazon MQ
D. AWS Storage Gateway

Selected Answer: A

https://aws.amazon.com/s3/storage-classes/

Question #: 883
A company wants the ability to automatically acquire resources as needed and release the resources when they are no longer needed. Which cloud concept describes this functionality?
A. Availability
B. Elasticity
C. Durability
D. Reliability

Selected Answer: B

https://aws.amazon.com/what-is-cloud-computing/

Question #: 882
A company has a compliance requirement to record and evaluate configuration changes, as well as perform remediation actions on AWS resources. Which AWS service should the company use?
A. AWS Config
B. AWS Secrets Manager
C. AWS CloudTrail
D. AWS Trusted Advisor

Selected Answer: A

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

Question #: 881
What is the recommended use case for Amazon EC2 On-Demand Instances?
A. A steady-state workload that requires a particular EC2 instance configuration for a long period of time
B. A workload that can be interrupted for a project that requires the lowest possible cost
C. An unpredictable workload that does not require a long-term commitment
D. A workload that is expected to run for longer than 1 year

Selected Answer: C

https://aws.amazon.com/ec2/pricing/on-demand/

Question #: 880
A company deploys its application on Amazon EC2 instances. The application occasionally experiences sudden increases in demand. The company wants to ensure that its application can respond to changes in demand at the lowest possible cost. Which AWS service or tool will meet these requirements?
A. AWS Auto Scaling
B. AWS Compute Optimizer
C. AWS Cost Explorer
D. AWS Well-Architected Framework

Selected Answer: A

AWS Auto Scaling is free to use, and allows you to optimize the costs of your AWS environment.

110 - Question #: 879
Which AWS service can a company use to find security and compliance reports, including International Organization for Standardization (ISO) reports?
A. AWS Artifact
B. Amazon CloudWatch
C. AWS Config
D. AWS Audit Manager

A. AWS Artifact "AWS Artifact, available in the console, is a self-service audit artifact retrieval portal that provides our customers with on-demand access to AWS' compliance documentation and AWS agreements. You can use AWS Artifact Reports to download AWS security and compliance documents, such as AWS ISO certifications, Payment Card Industry (PCI), and System and Organization Control (SOC) reports. You can use AWS Artifact Agreements to review, accept, and track the status of AWS agreements such as the Business Associate Addendum (BAA)." https://aws.amazon.com/artifact/faq/

Question #: 878
A company needs to apply security rules to specific Amazon EC2 instances. Which AWS service or feature provides this functionality?
A. AWS Shield
B. Network ACLs
C. Security groups
D. AWS Firewall Manager

111-135 DONE

Question #: 877
Which guidelines are best practices for using AWS Identity and Access Management (IAM)? (Choose two.)
A. Share access keys.
B. Create individual IAM users.
C. Use inline policies instead of customer managed policies.
D. Grant maximum privileges to IAM users.
E. Use groups to assign permissions to IAM users.

B. Create individual IAM users: It is recommended to create individual IAM users for each person or entity accessing your AWS resources. This allows for better accountability and control over access permissions. Each user should have a unique set of c redentials to access the AWS account. E. Use groups to assign permissions to IAM users: Groups in IAM allow you to group users with similar roles and responsibilities together and assign permissions to the group. This simplifies permission management, as you can assign or revoke permissions for multiple users by managing the group's permissions instead of individ ual user permissions.

Question #: 876
A company wants to push VPC Flow Logs to an Amazon S3 bucket. Which action is the company's responsibility?
A. Managing the infrastructure that runs the S3 bucket
B. Managing the data in transit
C. Managing the encryption options on the S3 bucket
D. Managing the operating system updates on the S3 bucket

Question #: 875
What does "security of the cloud" refer to in the AWS shared responsibility model?
A. Availability of AWS services such as Amazon EC2
B. Security of the cloud infrastructure that runs all the AWS services
C. Implementation of password policies for IAM users
D. Security of customer environments by using AWS Network Firewall partners

Selected Answer: B
AWS responsibility "Security of the Cloud" - AWS is responsible for protecting the infrastructure that runs all of the services offered in the AWS Cloud. This infrastruct ure is composed of the hardware, software, networking, and facilities that run AWS Cl oud services.

Question #: 874
A company wants to use an Amazon EC2 instance that has a pre -installed third-party firewall. Which AWS service or feature can provide this solution?
A. Security groups
B. AWS Marketplace
C. AWS Systems Manager
D. AWS Certificate Manager (ACM)

Selected Answer: B

AWS Marketplace is an online store where you can find pre -configured third-party software and services that are ready to use on Amazon EC2 instances. It offers a wide selection of third -party firewall solutions that can be deployed on EC2 instances to enh ance the security of your infrastructure. These pre -installed firewall solutions can help protect your applications and data from unauthorized access and threats.

Question #: 873
A company wants to centrally manage security policies and billing services within a multi -account AWS environment. Which AWS service should the company use to meet these requirements?
A. AWS Identity and Access Management (IAM)
B. AWS Organizations
C. AWS Resource Access Manager (AWS RAM)
D. AWS Config

Selected Answer: B
B. AWS Organizations

"AWS Organizations is an account management service that enables you to consolidate multiple AWS accounts into an organizatio n that you create and centrally manage. AWS Organizations includes account management and consolidated billing capabilities t hat enable you to better meet the budgetary, security, and compliance needs of your business. As an administrator of an organization, you can create accounts in your organization and invite existing accounts to join the organ ization."

https://docs.aws.amazon.com/organizations/latest/userguide/orgs_introduction.html

Question #: 872
A company deploys its application to multiple AWS Regions and configures automatic failover between those Regions. Which clou d concept does this architecture represent?
A. Security
B. Reliability
C. Scalability
D. Cost optimization
Selected Answer: B
Reliability refers to the ability of a system or application to operate continuously and consistently without interruption or failure. By deploying the application across multiple AWS Regions and configuring automatic failover, the company ensures tha t the application remains available even if one of the Regions or components experiences a disruption or failure.

Question #: 871
A developer wants to use an Amazon S3 bucket to store application logs that contain sensitive data.Which AWS service or featu re should the developer use to restrict read and write access to the S3 bucket?
A. Security groups
B. Amazon CloudWatch
C. AWS CloudTrail
D. ACLs

Selected Answer: D
D. ACLs (Access Control Lists)

Access Control Lists (ACLs) in Amazon S3 allow you to control access to your S3 resources at a more granular level. With ACLs , you can specify individual permissions for different AWS accounts or groups of accounts. By configuring the ACLs for the S3 bucket, the developer can restrict read and write access to only authorized entities, ensuring the security of the sensitive application logs.

Security groups (option A) are used for controlling inbound and outbound traffic to EC2 instances, not for controlling access to S3 buckets. Amazon CloudWatch (option B) is a monitoring service, and AWS CloudTrail (option C) is a service for logging a nd tracking API activity within your AWS account, but they are not directly related to restricting access to S3 buckets.

Question #: 870
Which AWS service is always free of charge for users?
A. Amazon S3
B. Amazon Aurora
C. Amazon EC2
D. AWS Identity and Access Management (IAM)

Question #: 869
Which AWS service or feature enables users to encrypt data at rest in Amazon S3?
A. IAM policies
B. Server-side encryption
C. Amazon GuardDuty
D. Client-side encryption

https://docs.aws.amazon.com/AmazonS3/latest/userguide/serv -side-encryption.html

Question #: 868
Which AWS service or feature offers security for a VPC by acting as a firewall to control traffic in and out of subnets?
A. AWS Security Hub
B. Security groups
C. Network ACL
D. AWS WAF

C. Network ACL

"A network access control list (ACL) allows or denies specific inbound or outbound traffic at the subnet level. You can use t he default network ACL for your VPC, or you can create a custom network ACL for your VPC with rules that are similar to the r ules for your security groups in order to add an additional layer of security to your VPC."

https://docs.aws.amazon.com/vpc/latest/userguide/vpc -network-acls.html

Question #: 867
Which pillar of the AWS Well-Architected Framework includes the AWS shared responsibility model?
A. Operational excellence
B. Performance efficiency
C. Reliability
D. Security

Question #: 866
A company wants to minimize network latency between its Amazon EC2 instances. Which solution achieves this goal?
A. Use EC2 instances in a single Availability Zone.
B. Use EC2 instances in multiple AWS Regions.
C. Use EC2 instances in multiple edge locations.
D. Use EC2 instances in the same Availability Zone but in different AWS Regions.

It's talking about reducing network latency, not HA. In order to do that, obviously we have to place all ec2 as close as poss ible which is done by placing all of them in a single AZ.

Question #: 865
Which AWS Support plan provides access to an AWS Concierge Support team for account assistance?
A. AWS Enterprise Support
B. AWS Business Support
C. AWS Developer Support
D. AWS Basic Support

Question #: 864
Which AWS service or feature is used to troubleshoot network connectivity issues between Amazon EC2 instances?
A. AWS Certificate Manager (ACM)
B. Internet gateway
C. VPC Flow Logs
D. AWS CloudHSM

https://aws.amazon.com/premiumsupport/knowledge -center/network-issue-vpc-onprem-ig/

Question #: 863
A company's solutions architect wants to provision a few Amazon EC2 instances in an existing AWS account. The company require s a cost estimate before the company can approve the request. Which AWS tool should the solutions architect use to produce th e cost estimate?
A. AWS Pricing Calculator
B. Cost Explorer
C. AWS Cost and Usage Report
D. AWS Budgets

Question #: 862
A company wants to create templates that the company can reuse to deploy multiple AWS resources. Which AWS service or feature can the company use to meet this requirement?

A. AWS Marketplace
B. Amazon Machine Image (AMI)
C. AWS CloudFormation
D. AWS OpsWorks

If you're building an automated deployment on AWS infrastructure that includes common AWS resources, starting with an existin g template can save you hours or days worth of effort. Common resources include Amazon Elastic Cloud Compute (Amazon EC2) ins tances, Amazon Simple Storage Service (Amazon S3) buckets, Lambda functions, and Amazon Relational Database Service (Amazon RDS) databases.
https://aws.amazon.com/blogs/infrastructure -and-automation/best-practices-automating-deployments-with-aws-cloudformation/#existing-templates

Question #: 861
Which of the following is a recommended design principle of the AWS Well-Architected Framework?
A. Reduce downtime by making infrastructure changes infrequently and in large increments.
B. Invest the time to configure infrastructure manually.
C. Learn to improve from operational failures.
D. Use monolithic application design for centralization.

Question #: 860
Which AWS feature grants temporary access to specific AWS resources?
A. AWS IAM Access Analyzer
B. Service control policies (SCPs)
C. Access control lists (ACLs)
D. IAM roles

https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_temp.html

Question #: 859
A company needs to send time-critical messages to multiple subscribers through a push mechanism. Which AWS service should the company use?
A. Amazon Kinesis
B. Amazon MQ
C. Amazon Simple Queue Service (Amazon SQS)
D. Amazon Simple Notification Service (Amazon SNS)

Question #: 858
A company is based in a location without an AWS Region but wants to move some of its Windows file servers to AWS. The data mu st reside in the location that the company is based in. Which AWS service will meet these requirements?
A. AWS Outposts
B. AWS Local Zones
C. Amazon EC2
D. Amazon FSx for Windows File Server

Question #: 857
Which AWS service or tool provides recommendations to help users get rightsized Amazon EC2 instances based on historical work load usage data?
A. AWS Pricing Calculator
B. AWS Compute Optimizer
C. AWS App Runner
D. AWS Systems Manager

https://aws.amazon.com/compute-optimizer/faqs/

Question #: 856
A company is planning to host a large ecommerce application in the AWS Cloud. The company must create an architecture that pr ovides protection against network-based security issues, such as DDoS attacks. Which AWS services should the company use to meet t his requirement? (Choose two.)
A. Amazon Inspector
B. Amazon GuardDuty
C. Amazon CloudFront
D. AWS Shield
E. AWS Identity and Access Management (IAM)

https://aws.amazon.com/shield/features/

Question #: 855
Which AWS services or features give users the ability to create a network connection between two VPCs? (Choose two.)
A. VPC endpoints
B. Amazon Route 53
C. VPC peering
D. AWS Direct Connect
E. AWS Transit Gateway

Question #: 854
A company is planning to create a new application that will run on Amazon EC2 instances and back up data on Amazon Elastic Bl ock Store (EBS) volumes to Amazon S3. The company wants to estimate the monthly costs of running the application before makin g a deployment decision. Which AWS service or feature can be used to estimate these costs?
A. Cost Explorer
B. AWS Pricing Calculator
C. AWS Cost and Usage Report
D. AWS Budgets

Question #: 853
Which AWS Cloud service provides performance recommendations for an AWS account?
A. Amazon Inspector
B. AWS Trusted Advisor
C. Amazon CloudWatch
D. AWS CloudTrail

136 - Question #: 852
A company wants to configure a dedicated connection between its on-premises IT infrastructure and resources in an AWS Region. The company also wants to reduce network latency and congestion. Which AWS service or feature should the company choose?
A. AWS VPN
B. AWS PrivateLink
C. Amazon Connect
D. AWS Direct Connect
Selected Answer: D

137 - Question #: 851
A user is designing a service to align with the operational excellence pillar of the AWS Well-Architected Framework. Which design principle should the user follow?
A. Anticipate failure
B. Make large-scale changes
C. Perform manual operations
D. Create static operational procedures
A is correct
https://docs.aws.amazon.com/wellarchitected/latest/operational-excellence-pillar/design-principles.html

138 - Question #: 850
A company has all of its servers in the us-east-1 Region. The company is considering the deployment of additional servers in a different Region. Which AWS tool should the company use to find pricing information for other Regions?
A. Cost Explorer
B. AWS Budgets
C. AWS Purchase Order Management
D. AWS Pricing Calculator
Selected Answer: D

139 - Question #: 849
Which AWS service or resource is serverless?
A. AWS Snowball Edge
B. Amazon EC2
C. Amazon Elastic Kubernetes Service (Amazon EKS)
D. Amazon API Gateway
Selected Answer: D

140 - Question #: 848
According to the AWS shared responsibility model, which of the following is the responsibility of AWS?
A. Data encryption in transit
B. Firmware updates on hardware
C. Operating system patching on Amazon EC2 instances
D. Data encryption at rest
Suggested Answer: B

141 - Question #: 847
A company is moving its on-premises key-value database to the AWS Cloud. Which AWS service will support this use case?
A. Amazon RDS
B. Amazon ElastiCache
C. Amazon DynamoDB
D. Amazon Redshift
Suggested Answer: C

142 - Question #: 846
For which AWS service is the customer responsible for maintaining the underlying operating system?
A. Amazon DynamoDB
B. Amazon S3
C. Amazon EC2
D. AWS Lambda
Selected Answer: C

143 - Question #: 845
Which activity is considered out of scope for AWS Support?
A. Solving problems detected by Amazon EC2 health checks
B. Answering "how to" 141 - Questions on AWS services and features
C. Troubleshooting AWS APIs
D. Tuning database queries
Selected Answer: D
AWS Support provides technical support for AWS services and features, which includes answering "how to" 141 - Questions, resolving service issues, and providing guidance and best practices. However, tuning database queries is typically considered the responsibility of the customer or the application development team, as it involves optimizing the database schema, indexing, and query structure to improve performance. AWS Support can provide guidance and recommendations on best practices for database optimization, but actual query tuning would be out of scope for their services.

144 - Question #: 844
Which task is the customer's responsibility, according to the AWS shared responsibility model?
A. Maintain the security of the AWS Cloud.
B. Configure firewalls and networks.
C. Patch the operating system of Amazon RDS instances.
D. Implement physical and environmental controls.
Selected Answer: B

145 - Question #: 843
Which option is a perspective that includes foundational capabilities of the AWS Cloud Adoption Framework (AWS CAF)?
A. Sustainability
B. Performance efficiency
C. Governance
D. Reliability
Selected Answer: C
https://aws.amazon.com/cloud-adoption-framework/

146 - Question #: 842
A company hosts an application on multiple Amazon EC2 instances. The application uses Amazon Simple Notification Service (Amazon SNS) to send messages. Which AWS service or feature will give the application permission to access required AWS services?
A. AWS Certificate Manager (ACM)
B. IAM roles
C. AWS Security Hub
D. Amazon GuardDuty
Suggested Answer: B

147 - Question #: 841
Which factors affect costs in the AWS Cloud? (Choose two.)
A. The number of unused AWS Lambda functions
B. The number of configured Amazon S3 buckets
C. Inbound data transfers without acceleration
D. Outbound data transfers without acceleration
E. Compute resources that are currently in use
Selected Answer: DE

148 - Question #: 840
Making frequent, small, reversible changes is a design principle of which pillar of the AWS Well-Architected Framework?
A. Reliability
B. Operational excellence
C. Performance efficiency
D. Cost optimization
Selected Answer: B

149 - Question #: 839
Which AWS service provides recommendations for rightsizing AWS resources such as Amazon EC2 instances, Amazon Elastic Block Store (Amazon EBS) volumes, and Amazon RDS databases to help users reduce costs?
A. Amazon Inspector
B. AWS Trusted Advisor
C. AWS Service Health Dashboard
D. Amazon Forecast
Selected Answer: B

150 - Question #: 838
A company wants to migrate its high performance computing (HPC) application to Amazon EC2 instances. The application has multiple components. The application must have fault tolerance and must have the ability to fail over automatically. Which AWS infrastructure solution will meet these requirements with the LEAST latency between components?
A. Multiple AWS Regions
B. Multiple edge locations
C. Multiple Availability Zones
D. Regional edge caches
Selected Answer: D
The current web page context provides information on how to achieve fault tolerance and resilience in Amazon EC2. According to the documentation, AWS recommends that you deploy EC2 hosts across multiple Availability Zones to make your application more fault tolerant. Therefore, option C is the best choice as it allows the deployment of the application on EC2 instances in multiple Availability Zones within a single AWS Region. This ensures that the application can provide low latency between components while also having fault tolerance capabilities.

151 - Question #: 837
A company has an Amazon S3 bucket containing images of scanned financial invoices. The company is building an artificial intelligence (AI)-based application on AWS. The company wants the application to identify and read total balance amounts on the invoices. Which AWS service will meet these requirements?
A. Amazon Forecast
B. Amazon Textract
C. Amazon Rekogmtion
D. Amazon Lex
Selected Answer: B
https://aws.amazon.com/textract/

152 - Question #: 836
A company wants high levels of detection and near-real-time (NRT) mitigation against large and sophisticated distributed denial of service (DDoS) attacks on applications running on AWS. Which AWS service should the company use?
A. Amazon GuardDuty
B. Amazon Inspector
C. AWS Shield Advanced
D. Amazon Macie

Selected Answer: C

153 - Question #: 835
Which AWS service is an in-memory data store service?
A. Amazon Aurora
B. Amazon RDS
C. Amazon DynamoDB
D. Amazon ElastiCache
Suggested Answer: D

154 - Question #: 834
Which AWS services or features can a company use to connect the network of its on-premises data center to AWS? (Choose two.)
A. AWS VPN
B. AWS Directory Service
C. AWS Data Pipeline
D. AWS Direct Connect
E. AWS CloudHSM
The correct options are A (AWS VPN) and D (AWS Direct Connect).
AWS VPN allows customers to establish a secure and private connection between their on-premises network and their VPC (Virtual Private Cloud) on AWS.
AWS Direct Connect is a dedicated network connection from a customer's on-premises data center to AWS. It allows customers to bypass the public internet and establish a private, high bandwidth and low-latency connection to their AWS resources.

155 - Question #: 833
A company needs to use AWS Identity and Access Management (IAM) to attach an IAM policy to all IAM users in an AWS account. Which solution meets this requirement?
A. Attach the IAM policy to each IAM user.
B. Attach the IAM policy to the IAM group containing all the IAM users.
C. Attach the IAM policy to the IAM role containing all the IAM users.
D. Apply the IAM policy to the entire AWS account.
Selected Answer: B

156 - Question #: 832
Which AWS services are eligible for a Compute Savings Plan? (Choose two.)
A. AWS Lambda
B. Amazon RDS
C. Amazon VPC
D. Amazon DynamoDB
E. Amazon EC2
Selected Answer: AE
AE yes, verified in https://aws.amazon.com/savingsplans/compute-pricing/

157 - Question #: 831
According to the AWS shared responsibility model, who is responsible for the virtualization layer down to the physical security of the facilities in which AWS services operate?
A. It is the sole responsibility of the customer.
B. It is the sole responsibility of AWS.
C. It is a shared responsibility between AWS and the customer.
D. The customer's AWS Support plan tier determines who manages the configuration.
Selected Answer: B

158 - Question #: 830
Which AWS service or tool creates an audit log of all AWS resources that have been created?
A. Amazon CloudFront
B. Amazon CloudWatch
C. AWS CloudTrail
D. AWS Application Migration Service (CloudEndure Migration)
Selected Answer: C

159 - Question #: 829
An ecommerce company recently started using the AWS Cloud. Which security-related tasks are the company's responsibility? (Choose two.)
A. Restrict who is allowed physical access to the hosts that run the company's Amazon EC2 instances.
B. Install security patches on Amazon EC2 Linux instances.
C. Choose to encrypt data at rest that is stored on Amazon S3.
D. Wipe Amazon Elastic Block Store (Amazon EBS) volumes clean before they are decommissioned.
E. Conduct database patching for Amazon RDS instances.
Selected Answer: BC
https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html

160 - Question #: 828
A company is reviewing its operating policies. Which policy complies with guidance in the security pillar of the AWS Well-Architected Framework?
A. Ensure that employees have access to all company data.
B. Expand employees' permissions as they gain more experience.
C. Grant all privileges and access to all users.
D. Apply security requirements at all layers of a process.
Selected Answer: D
https://docs.aws.amazon.com/wellarchitected/latest/framework/sec-design.html

161-180 DONE

26 August 2023   02:00

Question #: 827
161 # Which action is consistent with the principle of least privilege in terms of AWS Cloud architecture?
A. Allow users the minimum access that is needed to do a task.
B. Prevent managers from accessing important source code.
C. Provide only the permissions that are needed for users to do their jobs in the current month.
D. Assign permissions that are based on job titles.
Selected Answer: A

Question #: 826
162 # Which AWS services or features provide high availability and low latency by enabling failover across different AWS Regions? (Choose two.)
A. Amazon Route 53
B. Network Load Balancer
C. Amazon S3 Transfer Acceleration
D. AWS Global Accelerator
E. Application Load Balancer
Selected Answer: AD
https://docs.aws.amazon.com/whitepapers/latest/real-time-communication-on-aws/cross-region-dns-based-load-balancing-and-failover.html (A&D)

Question #: 825
163 # Which of the following are advantages of using AWS for cloud computing? (Choose two.)
A. Users can increase speed and agility by deploying services with just one click.
B. Users receive a discount on hardware that they purchase for their data centers.
C. Users can reserve excess capacity to ensure that resources are always available.
D. Users trade variable expenses for capital expenses.
E. Users benefit from massive economies of scale.
Suggested Answer: AE
Reference: https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #: 824
164 # Which pillar of the AWS Well-Architected Framework focuses on the ability to recover automatically from service interruptions?
A. Security
B. Performance efficiency
C. Operational excellence
D. Reliability
Suggested Answer: D
Reference: https://docs.aws.amazon.com/wellarchitected/latest/reliability-pillar/wellarchitected-reliability-pillar.pdf

Question #: 823
165 # A company wants to automate the retention, creation, and deletion of Amazon Elastic Block Store (Amazon EBS) snapshots. Which AWS service or feature can the company use to meet this requirement?
A. AWS Organizations
B. Amazon Data Lifecycle Manager (Amazon DLM)
C. AWS Systems Manager
D. Amazon S3 Lifecycle policies
Suggested Answer: B
Reference: https://aws.amazon.com/blogs/storage/automating-amazon-ebs-snapshots-management-using-data-lifecycle-manager/

Question #: 822
166 # A software engineer wants to launch a virtual machine (VM) and MySQL database on AWS. Which AWS service will meet these requirements with the LEAST operational effort?
A. Amazon Elastic Container Service (Amazon ECS)
B. AWS Elastic Beanstalk
C. Amazon Lightsail
D. Amazon EC2
Selected Answer: C
https://aws.amazon.com/lightsail/faq/

Question #: 821
167 # Which AWS service or feature is an example of a relational database management system?
A. Amazon Athena
B. Amazon Redshift
C. Amazon S3 Select
D. Amazon Kinesis Data Streams
Selected Answer: B

Question #: 820
168 # A company wants to access a report about the estimated environmental impact of the company's AWS usage. Which AWS service or feature should the company use to meet this requirement?
A. AWS Organizations
B. IAM policy
C. AWS Billing console
D. Amazon Simple Metrication Service (Amazon SNS)
Selected Answer: C
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/what-is-ccft.html

Question #: 819
169 # A company wants to design its cloud architecture so that its workloads are resilient, can consistently perform their intended functions correctly, and can recover from failure quickly. Which pillar of the AWS Well-Architected Framework does this architecture represent?
A. Security
B. Performance efficiency
C. Operational excellence
D. Reliability
Selected Answer: D

Question #: 818
170 # What is an example of a decoupled, scalable, cloud-based application?
A. A mail and log application that runs on a single Amazon EC2 instance
B. A webpage that is hosted on Amazon S3 and uses AWS Lambda to update an Amazon DynamoDB database

C. An Application Load Balancer, web server, and database server that support a monolithic application
D. A legacy database server that is running on the maximum instance size supported by its license
Selected Answer: B

Question #: 817
171 # Which task is shared between AWS and the customer, according to the AWS shared responsibility model?
A. Physical and environmental controls
B. Server hardware management and encryption
C. Application security
D. Patch management and configuration management
Selected Answer: D

Question #: 816
172 # A cloud practitioner wants information on the state of an existing AWS environment compared against established best pr actices. Which AWS services or features should the cloud practitioner use to obtain this information? (Choose two.)
A. AWS Artifact
B. AWS Solutions Library
C. AWS Trusted Advisor
D. AWS Well-Architected Tool
E. AWS Personal Health Dashboard
Selected Answer: CD

Question #: 815
173 # Which AWS service or feature can simplify the management of hundreds of VPC connections across AWS Regions worldwide?
A. AWS Transit Gateway
B. Amazon Connect
C. Security groups
D. VPC peering
Selected Answer: A
https://d1.awsstatic.com/whitepapers/building-a-scalable-and-secure-multi-vpc-aws-network-infrastructure.pdf

Question #: 814
174 # A company is designing a new application that will store and retrieve millions of photos and videos. Which AWS service or feature can provide the underlying storage at the LOWEST cost?
A. Amazon EC2 instance store
B. Amazon Elastic Block Store (Amazon EBS)
C. Amazon S3
D. Amazon Simple Queue Service (Amazon SQS)
Selected Answer: C

Question #: 813
175 # Which AWS service or feature improves network performance by sending traffic through the AWS worldwide network infrastr ucture?
A. Route table
B. AWS Transit Gateway
C. AWS Global Accelerator
D. Amazon VPC
Suggested Answer: C
https://aws.amazon.com/global-accelerator/?blogs-global-accelerator.sort-by=item.additionalFields.createdDate&blogs-global-accelerator.sort-order=desc&aws-global-accelerator-wn.sort-by=item.additionalFields.postDateTime&aws-global-accelerator-wn.sort-order=desc

Question #: 812
176 # Amazon Elastic File System (Amazon EFS) and Amazon FSx offer which type of storage?
A. File storage
B. Object storage
C. Block storage
D. Instance store
A: https://docs.aws.amazon.com/efs/latest/ug/how-it-works.html

Question #: 811
177 # Which pillar of the AWS Well Architected Framework includes the design principle of defining workloads, applications, a nd infrastructure as code (IaC)?
A. Operational excellence
B. Reliability
C. Performance efficiency
D. Security
Selected Answer: A
https://docs.aws.amazon.com/wellarchitected/latest/framework/oe-design-principles.html

Question #: 810
178 # A company wants to build an application that consists entirely of microservices. Which AWS Cloud architecture design pr inciple supports this goal?
A. Think parallel
B. Implement elasticity
C. Stop guessing capacity
D. Decouple components
Selected Answer: D
The AWS Cloud architecture design principle that supports the goal of building an application consisting entirely of microser vices is "Decouple components."

Question #: 809
179 # A company wants to use Amazon EC2 instances for a stable production workload that will run for 1 year. Which instance p urchasing option meets these requirements MOST cost-effectively?
A. Dedicated hosts
B. Reserved Instances
C. On-Demand Instances
D. Spot Instances
Selected Answer: B

Question #: 808
180 # Which AWS service or tool gives a company the ability to release application changes in an automated way?
A. Amazon AppFlow
B. AWS CodeDeploy
C. AWS PrivateLink
D. Amazon EKS Distro

Suggested Answer: B
https://aws.amazon.com/codedeploy/

181-200 DONE

26 August 2023   02:00

Question #: 807
181 # A company needs software solutions that are hosted on the AWS platform or that are integrated with the AWS platform. The company needs solutions from independent software vendors as well as management and security vendors. Which group or team can provide these solutions?
A. AWS technical account managers (TAMs)
B. AWS Partner Network (APN) Consulting Partners
C. AWS Concierge Support
D. AWS Partner Network (APN) Technology Partners
Selected Answer: D
https://aws.amazon.com/blogs/apn/joining-the-aws-partner-network-apn-strengthens-your-capabilities-to-better-serve-customers/

Question #: 806
182 # A company wants to move petabytes of historical data into the AWS Cloud. The company needs to transfer the data from a remote location that does not have reliable network services. Which AWS service will meet these requirements?
A. AWS Snowball
B. AWS DataSync
C. AWS Direct Connect
D. AWS Site-to-Site VPN
Selected Answer: A

Question #: 805
183 # A company hosts its website on Amazon EC2 instances. The company needs to ensure that the website reaches a global audience and provides minimum latency to users. Which AWS service should the company use to meet these requirements?
A. Amazon Route 53
B. Amazon CloudFront
C. Elastic Load Balancing
D. AWS Lambda
Selected Answer: B

Question #: 804
184 # Which AWS feature grants temporary access to specific AWS resources?
A. AWS IAM Access Analyzer
B. Service control policies (SCPs)
C. Access control lists (ACLs)
D. IAM roles
Selected Answer: D
https://aws.amazon.com/iam/faqs/#:~:text=You%20should%20use%20IAM%20roles,an%20IAM%20policy%20to%20it

Question #: 803
185 # Which of the following is a characteristic of the AWS account root user?
A. The root user is the only user that can be configured with multi-factor authentication (MFA).
B. The root user is the only user that can access the AWS Management Console.
C. The root user is the first sign-in identity that is available when an AWS account is created.
D. The root user has a password that cannot be changed.
Suggested Answer: C
https://docs.aws.amazon.com/IAM/latest/UserGuide/id_root-user.html

Question #:: 802
186 # Which AWS service providers automated backups of data by default?
A. Amazon S3
B. Amazon Aurora
C. Amazon ElastiCache for Memcached
D. Amazon Elastic File System (Amazon EFS)

Aurora backs up your cluster volume automatically and retains restore data for the length of the backup retention period.
https://docs.aws.amazon.com/AmazonRDS/latest/AuroraUserGuide/Aurora.Managing.Backups.html

Question #: #:: 801
187 # A company needs to track the relationships among AWS resources. The company also needs to review resource dependencies before the company makes any changes to the resources. Which AWS service can the company use to meet these requirements?
A. AWS Trusted Advisor
B. AWS Config
C. AWS Resource Access Manager (AWS RAM)
D. AWS Systems Manager
Selected Answer: B

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

"AWS Config continually assesses, audits, and evaluates the configurations and relationships of your resources on AWS, on premises, and on other clouds."

Question #:: 800
188 # Which AWS service or feature is designed to help companies take advantage of quantity discounts available from AWS?
A. Saving Plans
B. AWS Budgets
C. AWS Organizations
D. AWS Pricing Calculator
Suggested Answer: C
Reference: https://aws.amazon.com/organizations/

Question #:: 799
189 # A company has deployed an application in the AWS Cloud. The company wants to ensure that the application is highly resilient. Which component of AWS infrastructure can the company use to meet this requirement?
A. Content delivery network (CDN)
B. Edge locations
C. Wavelength Zones
D. Availability Zones
Selected Answer: D

Question #:: 798
190 # Which tasks can be performed by an IAM user that has been granted all of the AWS Identity and Access Management (IAM) permissions that are available? (Choose two.)
A. Activate IAM access to the AWS Billing and Cost Management console.
B. Close an AWS account.
C. Turn on multi-factor authentication (MFA) for non-administrative IAM users.
D. Change the AWS Support plan.
E. Delegate access to another AWS account.
C, E
A,B,D # require root user credentials
-Activate IAM access to the Billing and Cost Management console.
-Close your AWS account.
-Change your AWS Support plan or Cancel your AWS Support plan
https://docs.aws.amazon.com/accounts/latest/reference/root-user-tasks.html

Question #:: 797
191 # Which of the following are responsibilities of the customer in the AWS Cloud? (Choose two.)
A. Security in the cloud
B. Configuration of AWS infrastructure devices
C. Configuration of security groups on Amazon EC2 instances
D. Security of the cloud
E. Patches for the operating system of Amazon DynamoDB
Selected Answer: AC

Question #:: 796
192 # Which AWS service should a company use to continuously monitor the compliance of AWS resource configurations?
A. AWS Organizations
B. AWS Config
C. AWS Artifact
D. AWS Service Catalog
Suggested Answer: B
Reference:
https://aws.amazon.com/config/#:~:text=AWS%20Config%20is%20a%20service,recorded%20configurations%20against%20desired%20configurations

Question #:: 795
193 # Which AWS service is a relational database compatible with MySQL and PostgreSQL?
A. Amazon Redshift
B. Amazon DynamoDB
C. Amazon Aurora
D. Amazon Neptune
Selected Answer: C

Question #:: 794
194 # A company has an AWS-hosted website located behind an Application Load Balancer. The company wants to safeguard the website from SQL injection or cross-site scripting. Which AWS service should the company use?
A. Amazon GuardDuty
B. AWS WAF
C. AWS Trusted Advisor
D. Amazon Inspector
Selected Answer: B
With AWS WAF, you can create security rules that control bot traffic and block common attack patterns such as SQL injection or cross-site scripting (XSS).

Question #:: 793
195 # Which AWS Cloud design principle does a company follow by using AWS CloudTrail?
A. Recover automatically.
B. Perform operations as code.
C. Measure efficiency.
D. Ensure traceability.
Selected Answer: D

Question #:: 792
196 # A company has an application workload that is stateless be design and can sustain occasional downtime. The application performs massively parallel computations. Which Amazon EC2 pricing model should the company choose for its application to reduce cost?
A. On-Demand Instances
B. Spot Instances
C. Reserved Instances
D. Dedicated Instances
Suggested Answer: B

Question #:: 791
197 # Which AWS service allows users to provision resources using a consistent and repeatable process?
A. AWS Systems Manager
B. AWS CloudFormation
C. AWS Batch
D. AWS Config
Suggested Answer: B

Question #:: 790
198 # Which duty is a responsibility of AWS under the AWS shared responsibility model?
A. Identity and access management (IAM)
B. Server-side encryption (SSE)
C. Firewall configuration
D. Maintaining physical hardware
Selected Answer: D

Question #:: 789
199 # Which task is the customer's responsibility, according to the AWS shared responsibility model?
A. Patch a guest operating system that is deployed on an Amazon EC2 instance.
B. Control physical access to an AWS data center.
C. Control access to AWS underlying hardware.
D. Patch a host operating system that is deployed on Amazon S3.

Selected Answer: A

Question #:: 788
200 # A company must archive Amazon S3 data that the company's business units no longer need to access. Which S3 storage class will meet this requirement MOST cost-effectively?
A. S3 Glacier Instant Retrieval
B. S3 Glacier Flexible Retrieval
C. S3 Glacier Deep Archive
D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

C. S3 Glacier Deep Archive

"From just $0.00099 per GB-month (less than one-tenth of one cent, or about $1 per TB-month), S3 Glacier Deep Archive offers the lowest cost storage in the cloud, at prices significantly lower than storing and maintaining data in on-premises magnetic tape libraries or archiving data off-site."
https://aws.amazon.com/s3/faqs/#Amazon_S3_Glacier_Deep_Archive:~:text=S3%20Glacier%20Deep%20Archive%20is,or%20archiving%20data%20off%2Dsite.

Question #: #:: 787

201 # Which VPC component provides a layer of security at the subnet level?
A. Security groups
B. Network ACLs
C. NAT gateways
D. Route tables
Selected Answer: B
"A network access control list (NACL) is an optional layer of security for your VPC that acts as a firewall for controlling t raffic in and out of one or more subnets. You might set up network ACLs with rules similar to your security groups in order t o add an additional layer of security to your VPC. "

https://docs.aws.amazon.com/managedservices/latest/userguide/restrict-nacl.html

Question #: #:: 786

202 # Which feature of AWS Auto Scaling will forecast future traffic to schedule changes in the number of Amazon EC2 instance s at the appropriate times?
A. Scheduled scaling
B. Predictive scaling
C. Target tracking scaling
D. Step scaling
Selected Answer: B
B. Predictive scaling

"In general, if you have regular patterns of traffic increases and applications that take a long time to initialize, you shou ld consider using predictive scaling. Predictive scaling can help you scale faster by launching capacity in advance of foreca sted load, compared to using only dynamic scaling, which is reactive in nature. Predictive scaling can also potentially save you money on your EC2 bill by helping you avoid the need to overprovision capacity."

https://docs.aws.amazon.com/autoscaling/ec2/userguide/ec2-auto-scaling-predictive-scaling.html#:~:text=In%20general%2C%20if.to%20overprovision%20capacity.

Question #: #:: 785

203 # Which AWS service or feature is highly available by default?
A. Amazon EC2
B. Amazon Aurora
C. NAT instances
D. Amazon RDS
Selected Answer: B
Amazon Aurora is designed to offer 99.99% availability,

https://aws.amazon.com/rds/aurora/?aurora-whats-new.sort-by=item.additionalFields.postDateTime&aurora-whats-new.sort-order=desc

Question #: #:: 784

204 # A company deployed an Amazon EC2 instance last week A developer realizes that the EC2 instance is no longer running. Th e developer reviews a list of provisioned EC2 instances, and the EC2 instance is no longer on the list. What can the develope r do to generate a recent history of the EC2 instance?
A. Run Cost Explorer to identify the start time and end time of the EC2 instance
B. Use Amazon Inspector to find out when the EC2 instance was stopped
C. Perform a search in AWS CloudTrail to find all EC2 instance-related events
D. Use AWS Secrets Manager to display hidden termination logs of the EC2 instance
Selected Answer: C

"CloudTrail records important information about each action, including who made the request, the services used, the actions p erformed, parameters for the actions, and the response elements returned by the AWS service. This information helps you track changes made to your AWS resources and troubleshoot operational issues. "

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

Question #: #:: 783
205 # Which AWS service or feature provides high availability and low latency within an AWS Region?
A. Edge locations
B. Availability Zones
C. AWS Outposts
D. Amazon Route 53
Selected Answer: B

"These Availability Zones enable you to operate production applications and databases that are more highly available, fault t olerant, and scalable than possible when using a single data center. You can deploy your applications and databases across mu ltiple Availability Zones. In the unlikely event of a failure of one Availability Zone, user requests are routed to your application instances in the second Availability Zone. This approach ensures that your application continues to remain available at all times."

https://docs.aws.amazon.com/whitepapers/latest/get-started-documentdb/aws-regions-and-availability-zones.html#:~:text=These%20Availability%20Zones,at%20all%20times.

Question #: #:: 782
206 # Which AWS service provides the capability to view end-to-end performance metrics and troubleshoot distributed applications?
A. AWS Cloud9
B. AWS CodeStar
C. AWS Cloud Map
D. AWS X-Ray
Suggested Answer: D
Reference: https://aws.amazon.com/xray/#:~:text=AWS%20X%2DRay%20traces%20user,how%20your%20application%20is%20performing

Question #: #:: 781
207 # A company is building an application on AWS The application needs to comply with credit card regulatory requirements. T he company needs proof that the AWS services and deployment are in compliance. Which actions should the company take to meet these requirements? (Choose two.)
A. Use Amazon Inspector to submit the application for certification
B. Ensure that the application's underlying hardware components comply with requirements
C. Use AWS Artifact to access AWS documents about the compliance of the services
D. Get the compliance of the application certified by a company assessor
E. Use AWS Security Hub to certify the compliance of the application
Selected Answer: CD

To support option C: "AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to security and compliance reports from AWS and ISVs who sell their products on AWS Marketplace."
https://aws.amazon.com/artifact/

To support option D:
"Compliance certifications and attestations are assessed by a third-party, independent auditor and result in a certification, audit report, or attestation of compliance."
https://aws.amazon.com/compliance/programs/

Question #: #:: 780
208 # A company is running a Microsoft SQL Server instance on premises and is migrating its application to AWS. The company l acks the resources need to refactor the application, but management wants to reduce operational overhead as part of the migra tion. Which database service would MOST effectively support these requirements?
A. Amazon DynamoDB
B. Amazon Redshift
C. Microsoft SQL Server on Amazon EC2
D. Amazon RDS for SQL Server
Selected Answer: D

Question #: #:: 779
209 # Who is responsible for managing IAM user access and secret keys according to the AWS shared responsibility model?
A. IAM access and secret keys are static, so there is no need to rotate them.
B. The customer is responsible for rotating keys.
C. AWS will rotate the keys whenever required.
D. The AWS Support team will rotate keys when requested by the customer.

Question #: #:: 778
210 # A user discovered that an Amazon EC2 instance is missing an Amazon Elastic Block Store (Amazon EBS) data volume. The user wants to determine when the EBS volume was removed. Which AWS service will provide this information?
A. AWS Config
B. AWS Trusted Advisor
C. Amazon Timestream
D. Amazon QuickSight
Selected Answer: A

"AWS Config is a fully managed service that provides you with resource inventory, configuration history, and configuration change notifications to use security and governance. With AWS Config, you can discover existing AWS resources, record configurations for third-party resources, export a complete inventory of your resources with all configuration details, and determine how a resource was configured at any point in time. These capabilities use compliance auditing, security analysis, resource change tracking, and troubleshooting."

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

Question #: #:: 777
211 # A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants to alternate to help manage cluster size, scheduling, and environment maintenance. Which AWS service meets these requirements?
A. AWS Lambda
B. Amazon RDS
C. AWS Fargate
D. Amazon Athena
Suggested Answer: C
Reference: https://aws.amazon.com/ecs/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc&ecs-blogs.sort- by=item.additionalFields.createdDate&ecs-blogs.sort-order=desc

Question #: #:: 776
212 # Which database engine is compatible with Amazon RDS?
A. Apache Cassandra
B. MongoDB
C. Neo4j
D. PostgreSQL
Selected Answer: D
Amazon RDS (Relational Database Service) is compatible with several database engines, including PostgreSQL, MySQL, MariaDB, Oracle, Microsoft SQL Server, and Amazon Aurora.
Therefore, the correct answer is D. PostgreSQL. Apache Cassandra is a NoSQL database, MongoDB is also a NoSQL document-oriented database, and Neo4j is a graph database, and while they are supported on AWS, they are not supported by Amazon RDS specifically.

Question #: #:: 775
213 # Which of the following are economic benefits of using AWS Cloud? (Choose two.)
A. Consumption-based pricing
B. Perpetual licenses
C. Economies of scale
D. AWS Enterprise Support at no additional cost
E. Bring-your-own-hardware model
Selected Answer: AC

Question #: #:: 774
214 # Which AWS services make use of global edge locations? (Choose two.)
A. AWS Fargate
B. Amazon CloudFront
C. AWS Global Accelerator
D. AWS Wavelength
E. Amazon VPC
Suggested Answer: BC
Reference: https://www.lastweekinaws.com/blog/what-is-an-edge-location-in-aws-a-simple-explanation/#:~:text=CloudFront%20is%20the%20most%20commonly,caches%20content%20in%20edge%20locations

Question #: #:: 773
215 # A company wants to implement controls (guardrails) in a newly created AWS Control Tower landing zone. Which AWS services or features can the company use to create and define these controls (guardrails)? (Choose two.)
A. AWS Config
B. Service control policies (SCPs)
C. Amazon Guard Duly
D. AWS Identity and Access Management (1AM)
E. Security groups
Selected Answer: BD

Question #: #:: 772
216 # An Elastic Load Balancer allows the distribution of web traffic across multiple:
A. AWS Regions.
B. Availability Zones.
C. Dedicated Hosts.
D. Amazon S3 buckets.
Suggested Answer: B
Reference: https://docs.aws.amazon.com/elasticloadbalancing/latest/userguide/what-is-load-balancing.html

Question #: #:: 771
217 # A company is considering migration to the AWS Cloud. The company wants a fully managed service or feature that can transfer streaming data from multiple sources to an Amazon S3 bucket. Which AWS service or feature should the company use to meet these requirement?
A. AWS DataSync
B. Amazon Kinesis Data Firehose
C. S3 Select
D. AWS Transfer Family
Selected Answer: B

Question #: #:: 770
218 # Which network security features are supported by Amazon VPC? (Choose two.)
A. Network ACLs
B. Internet gateways
C. VPC peering
D. Security groups
E. Firewall rules
Suggested Answer: AD
Reference: https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Security.html

Question #: #:: 769
219 # A company has a centralized group of users with large file storage requirements that have exceeded the space available on premises. The company wants to extend its file storage capabilities for this group while retaining the performance benefit of sharing content locally. What is the MOST operationally efficient AWS solution for this scenario?
A. Create an Amazon S3 bucket for each users. Mount each bucket by using an S3 file system mounting utility.
B. Configure and deploy an AWS Storage Gateway file gateway. Connect each user's workstation to the file gateway.
C. Move each user's working environment to Amazon WorkSpaces. Set up an Amazon WorkDocs account for each user.
D. Deploy an Amazon EC2 instance and attach an Amazon Elastic Block Store (Amazon EBS) Provisioned IOPS volume. Share the EBS volume directly with the users.
Selected Answer: B

Question #: #:: 768
220 # Which AWS Trusted Advisor checks are available to users with AWS Basic Support? (Choose two.)
A. Service limits
B. High utilization Amazon EC2 instances
C. Security groups specific ports unrestricted
D. Load balancer optimization
E. Large number of rules in an EC2 security groups
Suggested Answer: AC
Reference: https://aws.amazon.com/premiumsupport/faqs/

Question #: #:: 767

221 # A company is undergoing a security audit. The audit includes security validation and compliance validation of the AWS infrastructure and services that the company uses. The auditor needs to locate compliance-related information and must download AWS security and compliance documents. These documents include the System and Organization Control (SOC) reports. Which AWS service or group can provide these documents?

A. AWS Abuse team

B. AWS Artifact

C. AWS Support

D. AWS Config

Suggested Answer: B

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

Question #: #:: 766

222 # Which phase describes agility as a benefit of building in the AWS Cloud?

A. The ability to pay only when computing resources are consumed, based on the volume of resources that are consumed

B. The ability to eliminate guessing about infrastructure capacity needs

C. The ability to support innovation through a reduction in the time that is required to make IT resources available to devel opers

D. The ability to deploy an application in multiple AWS Regions around the world in minutes

Selected Answer: C

Increase speed and agility – In a cloud computing environment, new IT resources are only a click away, which means that you reduce the time to make those resources available to your developers from weeks to just minutes. This results in a dramatic increase in agility for the organization, since the cost and time it takes to experiment and develop is significantly lower.

Question #: #:: 765

223 # What does Amazon CloudFront provide?

A. Automatic scaling for all resources to power an application from a single unified interface

B. Secure delivery of data, videos, applications, and APIs to users globally with low latency

C. Ability to directly manage traffic globally through a variety of routing types, including latency-based routing, geo DNS, geoproximity, and weighted round robin

D. Automatic distribution of incoming application traffic across multiple targets, such as Amazon EC2 instances, containers, IP addresses, and AWS Lambda functions

Suggested Answer: B

Reference: https://aws.amazon.com/cloudfront/#:~:text=Amazon%20CloudFront%20is%20a%20fast,within%20a%20developer%2Dfriendly%20environment

Question #: #:: 764

224 # A company has all of its servers in the us-east-1 Region. The company is considering the deployment of additional servers in a different Region. Which AWS tool should the company use to find pricing information for other Regions?

A. Cost Explorer

B. AWS Budgets

C. AWS Purchase Order Management

D. AWS Pricing Calculator

Suggested Answer: D

Question #: #:: 763

225 # A developer needs to build an application for a retail company. The application must provide real-time product recommendations that are based on machine learning. Which AWS service should the developer use to meet this requirement?

A. AWS Health Dashboard

B. Amazon Personalize

C. Amazon Forecast

D. Amazon Transcribe

Selected Answer: B

"Amazon Personalize is a fully managed machine learning (ML) service that uses your data to generate product and content recommendations for your users. You provide data about your end-users (e.g., age, location, device type), items in your catalog (e.g., genre, price) and interactions between users and items (e.g., clicks, purchases). Personalize uses this data to train custom, private models that generate recommendations which can be surfaced via an API."

https://aws.amazon.com/personalize/faqs/

Question #: #:: 762
226 # Which AWS benefit is demonstrated by on-demand technology services that enable companies to replace upfront fixed expenses with variable expenses?
A. High availability
B. Economies of scale
C. Pay-as-you-go pricing
D. Global reach
Reference: https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #: #:: 761
227 # A company runs Amazon EC2 instances in a research lab. The instances run for 3 hours each week and cannot be interrupted. What is the MOST cost-effective instance purchasing option to meet these requirements?
A. Compute Savings Plan
B. On-Demand Instances
C. Convertible Reserved Instances
D. Spot Instances

Question #: #:: 760
228 # A company uses a database that has a simple sign-up page to create users, and a basic login form to authenticate users so they can access the database. The company wants to give users the ability to store personal information, but the user access must be controlled in a more secure and reliable way. Which AWS service or feature will meet these requirements?
A. Security groups
B. Amazon GuardDuty
C. AWS Secrets Manager
D. Amazon Cognito
 aws.amazon.com/cognito/

Question #: #:: 759
229 # A company is planning to migrate to the AWS Cloud. The company is conducting organizational transformation and wants to become more responsive to customer inquiries and feedback. Which tasks should the company perform to meet these requirements, according to the AWS Cloud Adoption Framework (AWS CAF)? (Choose two.)
A. Realign teams to focus on products and value streams.
B. Create new value propositions with new products and services.
C. Use agile methods to rapidly iterate and evolve.
D. Use a new data and analytics platform to create actionable insights.
E. Migrate and modernize legacy infrastructure.

Question #: #:: 758
230 # A company needs to store infrequently used data for data archives and long-term backups. Which AWS service or storage class will meet these requirements MOST cost-effectively?
A. Amazon FSx for Lustre
B. Amazon Elastic Block Store (Amazon EBS)
C. Amazon Elastic File System (Amazon EFS)
D. Amazon S3 Glacier Flexible Retrieval

The most cost-effective AWS storage class for infrequently used data for data archives and long-term backups is Amazon S3 Glacier Flexible Retrieval. This storage class is designed for data that is rarely accessed and has a minimum storage duration of 90 days, making it ideal for long-term backups and data archives. Additionally, Amazon S3 Glacier offers cost savings through its low-cost storage and retrieval fees, making it the most cost-effective option for this use case.

Question #: #:: 757
231 # Which AWS service or feature provides users with recommendations for common billing questions?
A. AWS Marketplace
B. AWS Knowledge Center
C. Amazon Pinpoint
D. Amazon Connect

Question #: #:: 756
232 # Which AWS service or feature can be used to find availability status information on all AWS services?
A. AWS Personal Health Dashboard
B. AWS CloudTrail
C. AWS Service Health Dashboard
D. Amazon CloudWatch
Reference: https://status.aws.amazon.com/

Question #: #:: 755
233 # Which AWS Cloud benefit describes the ability to acquire resources as they are needed and release resources when they are no longer needed?
A. Economies of scale
B. Elasticity
C. Agility
D. Security

Question #: #:: 754
234 # Which AWS services can be used to store files? (Choose two.)
A. Amazon S3
B. AWS Lambda
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon SageMaker
E. AWS Storage Gateway

Question #: #:: 753
235 # Which AWS service is always free of charge for users?
A. Amazon S3
B. Amazon Aurora
C. Amazon EC2
D. AWS Identity and Access Management (IAM)

Question #: #:: 752
236 # Which AWS service provides protection against DDoS attacks for applications that run in the AWS Cloud?
A. Amazon VPC
B. AWS Shield
C. AWS Audit Manager
D. AWS Config

Question #: #:: 751
237 # A company wants to provide managed Windows virtual desktops and applications to its remote employees over secure network connections. Which AWS services can the company use to meet these requirements? (Choose two.)
A. Amazon Connect
B. Amazon AppStream 2.0
C. Amazon WorkSpaces
D. AWS Site-to-Site VPN
E. Amazon Elastic Container Service (Amazon ECS)
Well one reason why it's not D..."distant workers"...you would use a client VPN for distant workers, MAYBE VIPs might get a site-to-site, but as a rule distant workers would be using client VPN, not site-to-site

Question #: #:: 750
238 # Amazon Elastic File System (Amazon EPS) and Amazon FSx offer which type of storage?
A. File storage
B. Object storage
C. Block storage
D. Instance store

Question #: #:: 749
239 # A company is considering a move to the AWS Cloud. The company wants to be able to scale its compute resources as needed to accommodate changing loads. Which benefit of the AWS Cloud does this scenario describe?
A. Global deployments in minutes
B. Cost savings
C. Agility
D. Elasticity

Question #: #:: 748
240 # A company is based in the us-east-1 Region and has a satellite office in the eu-west-2 Region. The company wants to use Amazon WorkSpaces to host its internal web portal and virtual desktops for employees. What should the company do to minimize latency and ensure the best possible performance for employees?
A. Deploy the internal web portal and virtual desktops to us-east-1 only. Use an Amazon CloudFront distribution for the users in eu-west-2.
B. Deploy the internal web portal to us-east-1 only. Deploy the virtual desktops to us-east-1 and eu-west-2.
C. Deploy the internal web portal to us-east-1 and eu-west-2. Deploy the virtual desktops on network optimized Amazon EC2 instances to us-east-1 only.
D. Deploy the internal web portal and virtual desktops to us-east-1 and eu-west-2.
https://docs.aws.amazon.com/workspaces-web/latest/adminguide/getting-started.html

Question #: #:: 747
241 # A company is moving multiple applications to a single AWS account. The company wants to monitor the AWS Cloud costs incurred by each application. What can the company do to meet this requirement?
A. Set up invoiced billing.
B. Use AWS Artifact.
C. Set the budgets in Cost Explorer.
D. Create cost allocation tags.
Reference: https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/cost-alloc-tags.html

Question #: #:: 746
242 # Which AWS service or feature enables users to encrypt data at rest in Amazon S3?
A. IAM policies
B. Server-side encryption
C. Amazon GuardDuty
D. Client-side encryption

Question #: #:: 745
243 # What is the LEAST expensive AWS Support plan that provides a designated AWS technical account manager (TAM)?
A. AWS Developer Support
B. AWS Enterprise Support
C. AWS Basic Support
D. AWS Business Support
Reference: https://aws.amazon.com/premiumsupport/plans/

Question #: #:: 744
244 # What is an AWS responsibility under the AWS shared responsibility model?
A. Configure the security group rules that determine which ports are open on an Amazon EC2 Linux instance.
B. Ensure the security of the internal network in the AWS data centers.
C. Patch the guest operating system with the latest security patches on Amazon EC2.
D. Turn on server-side encryption for Amazon S3 buckets.

Question #: #:: 743
245 # Which AWS service uses edge locations?
A. Amazon Aurora
B. AWS Global Accelerator
C. Amazon Connect
D. AWS Outposts
Reference: https://aws.amazon.com/global-accelerator/

Question #: #:: 742
246 # What are characteristics of Availability Zones? (Choose two.)
A. All Availability Zones in an AWS Region are interconnected with high-bandwidth, low-latency networking.
B. Availability Zones are physically separated by a minimum of distance of 150 km (100 miles).
C. All traffic between Availability Zones is encrypted.
D. Availability Zones within an AWS Region share redundant power, networking, and connectivity.
E. Every Availability Zone contains a single data center.
A is correct.
B is incorrect, AZs are separated by up to 60 miles (https://docs.aws.amazon.com/whitepapers/latest/aws-fault-isolation-boundaries/availability-zones.html)
C is correct. "All data transmitted between AWS Regions over the AWS global network is automatically encrypted at the physical layer before it leaves AWS secured facilities. All traffic between Availability Zones is encrypted." (https://docs.aws.amazon.com/prescriptive-guidance/latest/encryption-best-practices/general-encryption-best-practices.html"
D is incorrect. "An Availability Zone is one or more discrete data centers with independent and redundant power infrastructure, networking, and connectivity in an AWS Region."
(https://docs.aws.amazon.com/whitepapers/latest/aws-fault-isolation-boundaries/availability-zones.html)

Question #: #:: 741
247 # A company runs business applications in an on-premises data center and in the AWS Cloud. The company needs a shared file system that can be available to both environments. Which AWS service meets these requirements?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. Amazon ElastiCache
D. Amazon Elastic File System (Amazon EFS)

Question #: #:: 740
248 # A company wants to store data with high availability, encrypt the data at rest, and have direct access to the data over the internet. Which AWS service will meet these requirements MOST cost-effectively?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. Amazon Elastic File System (Amazon EFS)
D. AWS Storage Gateway

Question #: #:: 739
249 # A company needs to host a highly available application in the AWS Cloud. The application runs infrequently for short periods of time. Which AWS service will meet these requirements with the LEAST amount of operational overhead?
A. Amazon EC2
B. AWS Fargate
C. AWS Lambda
D. Amazon Aurora

Question #: #:: 738
250 # Which of the following is entirely the responsibility of AWS, according to the AWS shared responsibility model?
A. Patching of the guest operating system
B. Security awareness and training
C. Physical and environmental controls
D. Development of an IAM password policy
Reference: https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=AWS%20responsibility%20%E2%80%9CSecurity%20of%20the%20that%20run%20AWS%20Cloud%20services

Question #: #:: 737
251 # Which of the following are AWS Trusted Advisor support categories? (Choose two.)
A. Operational excellence
B. Cost optimization
C. Security
D. Well-Architected Framework
E. Rightsizing
Reference: https://aws.amazon.com/premiumsupport/technology/trusted-advisor/

Question #: #:: 736
252 # A company needs a firewall that will control network connections to and from a single Amazon EC2 instance. This firewall will not control network connections to and from other instances that are in the same subnet. Which AWS service or feature can the company use to meet these requirements?
A. Network ACL
B. AWS WAF
C. Route table
D. Security group
Reference: https://docs.aws.amazon.com/vpc/latest/userguide/VPC_SecurityGroups.html

Question # #:: 735
253 # A company plans to store sensitive data in an Amazon S3 bucket. Which task is the responsibility of AWS?
A. Activate encryption at rest for the data.
B. Provide security for the physical infrastructure.
C. Train the company's employees about cloud security.
D. Remove personally identifiable information (PII) from the data.

Question #: #:: 734
254 # A user needs the ability to access as many resources as are needed. The user also needs the ability to scale up and scale down with only a few minutes of notice. Which benefit of the AWS Cloud describes these abilities?
A. Reliability
B. Economy of scale
C. Elasticity
D. Pay-as-you-go pricing

Question #: #:: 733
255 # Which options are available to a user who wants to contact AWS Support? (Choose two.)
A. Create an email case in the AWS Support Center.
B. Visit a local AWS Support Center.
C. Use live chat functionality.
D. Call the customer service phone number.
E. Use the video conference functionality of the AWS Support console.

it is clearly written in the following link that you don't call AWS but they call you back after you have created a case.
it is explicitly written that you can chat and open a case in the support center
https://aws.amazon.com/premiumsupport/knowledge-center/aws-phone-support/

Question #: #:: 732
256 # Which of the following is a software development framework that a company can use to define cloud resources as code and provision the resources through AWS CloudFormation?
A. AWS CLI
B. AWS Developer Center
C. AWS Cloud Development Kit (AWS CDK)
D. AWS CodeStar

The AWS Cloud Development Kit (AWS CDK) is an open source software development framework to define your cloud application resources using familiar programming languages.
Provisioning cloud applications can be a challenging process that requires you to perform manual actions, write custom scripts, maintain templates, or learn domain-specific languages. AWS CDK uses the familiarity and expressive power of programming languages for modeling your applications. It provides you with high-level components called constructs that preconfigure cloud resources with proven defaults, so you can build cloud applications without needing to be an expert. AWS CDK provisions your resources in a safe, repeatable manner through AWS CloudFormation.
Reference: https://aws.amazon.com/cdk/

Question #: #:: 731
257 # 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 On-Demand Instances in the second Region and receives error messages. What could cause these error messages?
A. A new EC2 key pair has not been created for the EC2 instances.
B. The requested EC2 instance types are not available in the second Region.
C. The company cannot operate in a second Region until it updates its AWS contract.
D. The company has not configured AWS Budgets to monitor the budget for the EC2 instances.
https://docs.aws.amazon.com/autoscaling/ec2/userguide/ts-as-instancelaunchfailure.html

Question #: #:: 730
258 # A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases. Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?
A. Elastic Load Balancing
B. Amazon EC2 Auto Scaling
C. AWS App2Container (A2C)
D. AWS Systems Manager

Question #: #:: 729
259 # A company needs to securely store important credentials that an application uses to connect users to a database. Which AWS service can meet this requirement with the MINIMAL amount of operational overhead?
A. AWS Key Management Service (AWS KMS)
B. AWS Config
C. AWS Secrets Manager
D. Amazon GuardDuty
https://docs.aws.amazon.com/secretsmanager/latest/userguide/intro.html

Question #: #:: 728
260 # Which AWS service or feature is associated with a subnet in a VPC and is used to control inbound and outbound traffic?
A. Amazon Inspector
B. Network ACLs
C. AWS Shield
D. VPC Flow Logs

Question #: #:: 727
261 # Which AWS service or feature provides an online, managed software catalog that helps users purchase and deploy third-party software?
A. AWS Support
B. AWS Marketplace
C. Amazon EC2 private Amazon Machine Images (AMIs)
D. AWS reseller programs
AWS Marketplace is a curated digital catalog that makes it easy for customers to find, buy, deploy, and manage the third-party software.
Reference: https://aws.amazon.com/marketplace/campaigns/software-procurement

Question #: #:: 726
262 # A network engineer needs to establish a dedicated 10 Gbps network connection from an on-premises environment to AWS. Which AWS service or feature should the engineer use?
A. Amazon Route 53
B. AWS Direct Connect
C. AWS PrivateLink
D. AWS VPN
AWS Direct Connect can create a dedicated network connection between your premises and AWS.
Reference: https://aws.amazon.com/directconnect/

Question #: #:: 725
263 # How do AWS users trade infrastructure expenses for operational expenses?
A. Secure their physical infrastructure to prevent malicious attacks.
B. Use AWS Budgets to ensure that spending on AWS resources does not exceed preset thresholds.
C. Eliminate the electricity costs that are associated with the hosting of physical servers.
D. Use AWS Auto Scaling to dynamically increase and decrease compute resources as needed.
Eliminating the electricity costs is removing an operational cost for operational costs right? Using auto scaling you eliminate the cost of having to buy new hardware which is then paid out in an operational cost.

Question #: #:: 724
264 # A company wants to store data with high availability, encrypt the data at rest, and have direct access to the data over the internet. Which AWS service will meet these requirements MOST cost-effectively?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. Amazon Elastic File System (Amazon EFS)
D. AWS Storage Gateway

Question #: #:: 723
265 # A company uses Amazon S3 buckets. One of the company's departments enabled S3 Cross-Region Replication for those buckets to meet new requirements. The company's bill for that month was larger than usual. Which AWS service or feature can the company use to confirm that the cost increase was caused by the data replication?
A. Consolidated billing
B. Cost Explorer
C. AWS Pricing Calculator
D. AWS Trusted Advisor
Reference: https://aws.amazon.com/aws-cost-management/aws-cost-explorer/

Question #: #:: 722
266 # A company needs to perform a one-time migration of 40TB of data from its on-premises storage servers to Amazon S3. The transfer must happen as quickly as possible while keeping costs to a minimum. The company has 100 Mbps internet connectivity. Which AWS service will meet these requirements?
A. AWS Snowball
B. AWS Direct Connect
C. AWS Storage Gateway
D. Amazon S3 Transfer Acceleration

Question #: #:: 721
267 # A company with AWS Enterprise Support has questions about its consolidated bill. Which AWS service, feature, or tool should the company use for assistance?
A. AWS Pricing Calculator
B. AWS Concierge Support
C. AWS Trusted Advisor
D. AWS Budgets
Reference: https://aws.amazon.com/premiumsupport/faqs/

Question #: #:: 720
268 # What is the LEAST expensive AWS Support plan that provides 24-hour access to AWS customer service and AWS communities?
A. AWS Enterprise Support
B. AWS Business Support
C. AWS Developer Support
D. AWS Basic Support
Reference: https://aws.amazon.com/premiumsupport/plans/

Question #: #:: 719
269 # Which guidelines are key AWS architectural design principles? (Choose two.)
A. Design for fixed resources.
B. Build scalable architectures.
C. Use tightly coupled components.
D. Use managed services when possible.
E. Design for human interaction

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

Question #: #:: 718
270 # A company is moving its development and test environments to AWS to increase agility and reduce cost. Because these are not production workloads and the servers are not fully utilized, occasional unavailability is acceptable. What is the MOST cost-effective Amazon EC2 pricing model that will meet these requirements?
A. Reserved Instances
B. On-Demand Instances
C. Spot Instances
D. Dedicated Instances

Question #: #:: 717
271 # Which AWS service or tool does AWS Control Tower use to create resources?
A. AWS CloudFormation
B. AWS Trusted Advisor
C. AWS Directory Service
D. AWS Cost Explorer

Question #: #:: 716
272 # A company needs a content delivery network that provides secure delivery of data, videos, applications, and APIs to users globally with low latency and high transfer speed. Which AWS service meets these requirements?
A. Amazon CloudFront
B. Elastic Load Balancing
C. Amazon S3
D. Amazon Elastic Transcoder
Reference: https://aws.amazon.com/cloudfront/

Question #: #:: 715
273 # Which tasks should a user perform if the user suspects that an AWS account has been compromised? (Choose two.)
A. Remove any multi-factor authentication (MFA) tokens.
B. Rotate and delete all AWS access keys.
C. Move resources to a different AWS Region.
D. Delete AWS CloudTrail resources.
E. Contact AWS Support.
https://aws.amazon.com/premiumsupport/knowledge-center/potential-account-compromise/

Question #: #:: 714
274 # A company wants to rightsize its infrastructure to control costs. At which points should the company rightsize? (Choose two.)
A. Rightsize before a migration occurs to the cloud.
B. Rightsize continuously after the cloud onboarding process.
C. Rightsize when AWS Support calls and explains that rightsizing is needed.
D. Rightsize when seasonal workloads are at their peak.
E. Rightsize after purchasing all Reserved Instances.
https://docs.aws.amazon.com/whitepapers/latest/cost-optimization-right-sizing/right-size-before-migrating.html
https://docs.aws.amazon.com/whitepapers/latest/cost-optimization-right-sizing/right-sizing-ongoing-process.html

Question #: #:: 713
275 # What should a user do to deploy an application in geographically separate locations?
A. Deploy the application in different placement groups.
B. Deploy the application to a VPC.
C. Deploy the application to multiple AWS Regions.
D. Deploy the application by using Amazon CloudFront.
Reference: https://aws.amazon.com/about-aws/global-infrastructure/regions_az/

Question #: 712
276 # A company uses Amazon DynamoDB in its AWS Cloud architecture. According to the AWS shared responsibility model, which o f the following are responsibilities of the company? (Choose two.)
A. Operating system patching and upgrades
B. Application of appropriate permissions with IAM tools
C. Configuration of data encryption options
D. Creation of DynamoDB endpoints
E. Infrastructure provisioning and maintenance
BC (72%)

Question #: 711
277 # A company has an application that runs periodically in an on -premises environment. The application runs for a few hours most days, but runs for 8 hours a day for a week at the end of eac h month. Which AWS service or feature should be used to host th e application in the AWS Cloud?
A. Amazon EC2 Standard Reserved Instances
B. Amazon EC2 On-Demand Instances
C. AWS Wavelength
D. Application Load Balancer

Question #: 710
278 # Which of the following are customer responsibilities under the AWS shared responsibility model? (Choose two.)
A. Physical security of AWS facilities
B. Configuration of security groups
C. Encryption of customer data on AWS
D. Management of AWS Lambda infrastructure
E. Management of network throughput of each AWS Region
BC (100%)

Question #: 709
279 # Which AWS service or tool helps identify underutilized Amazon EC2 instances and idle Amazon RDS DB instances at no addi tional charge?
A. Cost Explorer
B. AWS Budgets
C. AWS Organizations
D. AWS Trusted Advisor
Reference: https://aws.amazon.com/premiumsupport/technology/trusted-advisor/best-practice-checklist/

Question #: 708
280 # Which of the following are user authentication services managed by AWS? (Choose two.)
A. Amazon Cognito
B. AWS Lambda
C. AWS License Manager
D. AWS Identity and Access Management (IAM)
E. AWS CodeStar
Reference:
https://aws.amazon.com/cognito/
https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html

Question #: 707
281 # Which statement explains the benefit of agility in the AWS Cloud?
A. Agility gives users the ability to host applications in multiple AWS Regions around the world.
B. Agility gives users the ability to pay upfront to reduce cost.
C. Agility provides customizable physical hardware at the lowest possible cost.
D. Agility provides the means for users to provision resources in minutes.
Reference:
https://blog.clairvoyantsoft.com/true-economics-of-cloud-computing-part-1-what-it-really-means-to-be-agile-1ed14a1696a5

Question #: 706
282 # A company is moving its office and must establish an encrypted connection to AWS. Which AWS service will help meet this   requirement?
A. AWS VPN
B. Amazon Route 53
C. Amazon API Gateway
D. Amazon Connect
Reference:
https://aws.amazon.com/vpn/
A (100%)

Question #: 705
283 # A company needs to centralize its operational data. The company also needs to automate tasks across all of its Amazon E C2 instances. Which AWS service can the company use to meet these requirements?
A. AWS Trusted Advisor
B. AWS Systems Manager
C. AWS CodeDeploy
D. AWS Elastic Beanstalk
B (100%)

Question #: 704
284 # An Amazon EC2 instance previously used for development is inaccessible and no longer appears in the AWS Management Cons ole. Which AWS service should be used to determine what action made this EC2 instance inaccessible?
A. Amazon CloudWatch Logs
B. AWS Security Hub
C. Amazon Inspector
D. AWS CloudTrail
Reference: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/troubleshooting-launch.html
D (100%)

Question #: 703
285 # A company's traffic logs show that IP addresses owned by AWS are being used in an attempt to flood ports on system reso urces. To whom should the cloud practitioner report this issue?
A. AWS Professional Services
B. AWS Abuse team
C. AWS Partner Network (APN)
D. AWS technical account manager (TAM)
Reference: https://aws.amazon.com/premiumsupport/knowledge-center/report-aws-abuse/

286 # Question #: 702
286 # A company runs its business-critical web application on Amazon Elastic Container Service (Amazon ECS) and Amazon DynamoDB. The workload spikes up to 10 t imes the normal workload multiple times during the day. Which AWS Cloud feature enables the comp any to meet these changes in demand?
A. Agility
B. Global reach
C. Scalability
D. Security
Reference:
https://aws.amazon.com/autoscaling/
C (100%)

Question #: 701
287 # Which pillar of the AWS Well-Architected Framework includes the AWS shared responsibility model?
A. Operational excellence
B. Performance efficiency
C. Reliability
D. Security
Reference:
https://aws.amazon.com/blogs/apn/the-5-pillars-of-the-aws-well-architected-framework/

Question #: 700
288 # A database administrator is trying to determine who deleted a critical Amazon Redshift cluster. Which AWS service helps with monitoring and retaining this type of account activity?
A. AWS CloudTrail
B. AWS Organizations
C. AWS Identity and Access Management (IAM)
D. AWS Trusted Advisor

Question #: 699
289 # Which AWS service is designed to help users orchestrate a workflow process for a set of AWS Lambda functions?
A. Amazon DynamoDB
B. AWS CodePipeline
C. AWS Batch
D. AWS Step Functions
D (100%)

Question #: 698
290 # Which of the following are AWS security best practices for using AWS Identity and Access Management (IAM) to manage an AWS account root user? (Choose two.)
A. Set up multi-factor authentication (MFA) for the root user.
B. Remove all IAM policies from the root user.
C. Delete the root user access keys.
D. Use the root user for daily tasks.
E. Assign a read-only access policy to the root user.
Reference: https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html
AC (100%)

Question #: 697
291 # Which feature can be used to protect Amazon S3 buckets from accidental overwrites or deletes?
A. Lifecycle policy
B. Object versioning
C. Server-side encryption
D. Bucket ACL
Reference: https://medium.com/tensult/how-to-protect-objects-from-accidental-deletion-and-overwrite-using-s3-object-versioning-5222796ab156
B (71%)

Question #: 696
292 # An application is running on multiple Amazon EC2 instances. The company wants to make the application highly available by configuring a load balancer with requests forwarded to the EC2 instances based on URL paths. Which AWS load balancer will meet these requirements and take the LEAST amount of effort to deploy?
A. Network Load Balancer
B. Application Load Balancer
C. AWS OpsWorks Load Balancer
D. Custom Load Balancer on Amazon EC2
B (100%)

Question #: 695
293 # When an Amazon EC2 instance is terminated, which AWS service can identify the user that made the API call?
A. Amazon CloudWatch
B. AWS CloudTrail
C. AWS X-Ray
D. AWS Identity and Access Management (IAM)
Reference: https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-user-guide.html
B (100%)

Question #: 694
294 # A company needs to migrate its on-premises data to the AWS Cloud. The company requires elastic, highly optimized connectivity. Which AWS service meets these re quirements?
A. Amazon S3 Glacier
B. AWS Storage Gateway
C. AWS Backup
D. Amazon Elastic File System (Amazon EFS)
Reference:
https://aws.amazon.com/storagegateway/faqs/

Question #: 693
295 # Which AWS service or feature for technical assistance is available to a user who has the AWS Basic Support plan?
A. AWS senior support engineers
B. AWS technical account manager (TAM)
C. AWS Trusted Advisor
D. AWS Discussion Forums
D (89%)

Question #: 692
296 # A company has a globally distributed user base. The company needs its application to be highly available and have low l atency for end users. Which AWS architectural approach will MOST effectively support these requirements?
A. Single-Region, Multi-AZ architecture
B. Multi-Region, active-active architecture
C. Multi-Region, active-passive architecture
D. Single-Region, Single-AZ architecture
B (100%)

Question #: 691
297 # A company has defined the AWS resources that it needs for a new application. The company needs to estimate the costs of running the application on AWS. What should the company do to meet this requirement?
A. Take advantage of AWS on-demand pricing.
B. Use the AWS Pricing Calculator to generate an approximate dollar amount.
C. Use Amazon QuickSight to analyze current on-premises spending.
D. Use Amazon AppStream 2.0 for real-time pricing analytics.
Reference: https://aws.amazon.com/premiumsupport/knowledge-center/estimating-aws-resource-costs/
B (100%)

Question #: 690
298 # Which AWS service should a company use to decouple large monolithic applications into smaller microservices components?
A. AWS Direct Connect
B. Amazon Lightsail
C. Amazon Simple Queue Service (Amazon SQS)
D. Amazon CloudWatch
C (100%)

Question #: 689
299 # A solutions architect needs to create a cost estimate for running workloads on AWS. The cost estimate must then be expo rted for management review. Which AWS service or feature should be used to accomplish these task?
A. Cost Explorer
B. Amazon QuickSight
C. AWS Pricing Calculator
D. AWS Budgets
Reference: https://docs.aws.amazon.com/pricing-calculator/latest/userguide/aws-pc.pdf
C (100%)

Question #: 688
300 # An IT department provisions more servers than are needed to run a workload. Which cloud architecture design principle s upports changing this approach?
A. Protect data in transit and at rest.
B. Stop guessing capacity.
C. Improve through game days.
D. Annotate documentation.

Question #: 687
301 # Which pillar of the AWS Well-Architected Framework specifies that resources be provisioned in a timely manner and scale as needed to maintain effectiveness as demand changes?
A. Cost optimization
B. Security
C. Operational excellence
D. Performance efficiency
Reference:
https://docs.aws.amazon.com/wellarchitected/latest/framework/wellarchitected-framework.pdf
D (100%)

Question #: 686
302 # Which AWS services or features enable users to connect on-premises networks to a VPC? (Choose two.)
A. AWS VPN
B. Elastic Load Balancing
C. AWS Direct Connect
D. VPC peering
E. Amazon CloudFront
Reference:
https://aws.amazon.com/vpn/faqs/
AC (100%)

Question #: 685
303 # A company needs to improve the response rate of high-volume queries to its relational database. Which AWS service should the company use to offload requests to the database and improve overall response times?
A. Amazon DynamoDB Accelerator (DAX)
B. Amazon ElastiCache
C. Elastic Load Balancing
D. AWS Global Accelerator
B (100%)

Question #: 684
304 # Which AWS service gives users the ability to build interactive business intelligence dashboards that include machine learning insights?
A. Amazon Athena
B. Amazon Kendra
C. Amazon QuickSight
D. Amazon Redshift
C (100%)

Question #: 683
305 # Elasticity in the AWS Cloud refers to which of the following? (Choose two.)
A. How quickly an Amazon EC2 instance can be restarted
B. The ability to rightsize resources as demand shifts
C. The maximum amount of RAM an Amazon EC2 instance can use
D. The pay-as-you-go billing model
E. How easily resources can be produced when they are needed
Reference:
https://blog.turbonomic.com/blog/on-technology/cloud-elasticity-vs-cloud-scalability
BE (100%)

Question #: 682
306 # 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.)
A. Amazon Pinpoint
B. Amazon WorkLink
C. AWS Outposts
D. AWS Snowball Edge
E. AWS AppSync
Reference:
https://aws.amazon.com/worklink/
https://aws.amazon.com/outposts/
CD (62%)

Question #: 681
307 # What is an IAM best practice for AWS account root user access keys?
A. Delete all root user access keys, if possible.
B. Use root user credentials to access sensitive information stored on AWS.
C. Allow the system administrator group to use the root user credentials for daily access.
D. Use root user credentials to access production database instances.
Reference:
https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html

Question #: 680
308 # Which AWS service can be used to encrypt data at rest?
A. Amazon GuardDuty
B. AWS Shield
C. AWS Security Hub
D. AWS Key Management Service (AWS KMS)
Reference:
https://aws.amazon.com/blogs/security/how-to-protect-data-at-rest-with-amazon-ec2-instance-store-encryption/

Question #: 679
309 # Which AWS service or feature allows a user to set up consolidated billing?
A. AWS Billing Management Console
B. AWS Organizations
C. AWS Cost and Usage Report
D. WAS Systems Manager
Reference:
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html

Question #: 678
310 # A company has identified a high-risk network security issue during an AWS Well-Architected review. The company needs a managed solution that the company can use to deploy essential network protections for all of its VPCs. Which AWS service or feature meets these requirements?
A. Security groups
B. Network ACLs
C. AWS Network Firewall
D. Amazon VPC Network Access Analyzer
C (100%)

Question #: 677
311 # A retail company wants to provision only the necessary amount of resources to handle the current demand. Which cloud benefit is the company trying to achieve with this goal?
A. Reliability
B. Global reach
C. Scalability
D. High availability
Reference:
https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html
C (100%)

Question #: 676
312 # A company wants to eliminate the need to guess infrastructure capacity before deployments. The company also wants to spend its budget on cloud resources only as the company uses the resources. Which advantage of the AWS Cloud matches the company's requirements?
A. Reliability
B. Global reach
C. Economies of scale
D. Pay-as-you-go pricing
Reference:
https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html
D (67%)

Question #: 675
313 # Which AWS Cloud service can send alerts to customers if custom spending thresholds are exceeded?
A. AWS Budgets
B. AWS Cost Explorer
C. AWS Cost Allocation Tags
D. AWS Organizations
A (100%)

Question #: 674
314 # A company is building a serverless architecture that connects application data from multiple data sources. The company needs a solution that does not require additional code. Which AWS service meets these requirements?
A. AWS Lambda
B. Amazon Simple Queue Service (Amazon SQS)
C. Amazon CloudWatch
D. Amazon EventBridge
D (82%)

Question #: 673
315 # A batch workload takes 5 hours to finish on an Amazon EC2 instance. The amount of data to be processed doubles monthly and the processing time is proportional. What is the best cloud architecture to address this consistently growing demand?
A. Run the application on a bigger EC2 instance size.
B. Switch to an EC2 instance family that better matches batch requirements.
C. Distribute the application across multiple EC2 instances and run the workload in parallel.
D. Run the application on a bare metal EC2 instance.
C (100%)

Question #: 672
316 # Which AWS service or resource helps on-premises applications connect to AWS Cloud-based storage and caches the data locally for low-latency access?
A. AWS Direct Connect
B. AWS Storage Gateway
C. Amazon S3
D. AWS Snowball Edge
Reference:
https://aws.amazon.com/storagegateway/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc

Question #: 671
317 # Which of the following are ways to improve security on AWS? (Choose two.)
A. Using AWS Artifact
B. Granting the broadest permissions to all IAM roles
C. Running application code with AWS Cloud9
D. Enabling multi-factor authentication (MFA) with Amazon Cognito
E. Using AWS Trusted Advisor security checks
Reference:
https://aws.amazon.com/blogs/security/top-10-security-items-to-improve-in-your-aws-account/

Question #: 670
318 # Which credentials used to sign in to the AWS Management Console meet security best practices? (Choose two.)
A. An access key
B. Multi-factor authentication
C. X.509 certificates
D. A secret key
E. User name and password
Reference:
https://aws.amazon.com/blogs/security/getting-started-follow-security-best-practices-as-you-configure-your-aws-resources/
BE (100%)

Question #: 669
319 # A company's newly launched application is gaining in popularity very quickly. To improve customer service, the company wants to set up a phone number to manage the increasing volume of calls received by the company's support staff. Which AWS service should be used to meet this requirement?
A. Amazon Connect
B. Amazon CloudFront
C. Amazon DirectConnect
D. AWS Trusted Advisor
Reference:
https://docs.aws.amazon.com/connect/latest/adminguide/contact-center-phone-number.html
A (100%)

Question #: 668
320 # Which AWS service or feature can help a company determine if it has Amazon S3 buckets that are publicly available?
A. AWS Service Health Dashboard
B. Amazon CloudWatch Logs
C. AWS Trusted Advisor
D. AWS Service Catalog
Reference:
https://d1.awsstatic.com/product-marketing/S3/Amazon_S3_Security_eBook_2020.pdf
C (67%)

Question #: 667
321 # A company wants to forecast its AWS Cloud costs for the upcoming year by analyzing its past AWS Cloud spending trends. Which AWS service should the company use to meet this requirement?
A. AWS Control Tower
B. Cost Explorer
C. AWS OpsWorks
D. AWS CloudFormation
Reference:
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/ce-forecast.html

Question #: 666
322 # A company wants to build an application for a new line of business. According to the AWS Well-Architected Framework, what design principles should be implemented? (Choose two.)
A. Consolidate multiple AWS accounts into a single account.
B. Buy and host hardware in the AWS Cloud.
C. Decouple the AWS Cloud architecture to break up monolithic deployments.
D. Move on-premises network hardware to VPCs.
E. Design elasticity into the AWS Cloud design.
CE (97%)

Question #: 665
323 # A company wants to route its traffic directly and privately to a VPC without going over the public internet. Which connectivity option provides this capability?
A. AWS VPN
B. AWS Direct Connect
C. VPC NAT gateway
D. VPC internet gateway
Reference:
https://aws.amazon.com/vpc/faqs/
B (73%)

Question #: 664
324 # A web developer has limited knowledge of AWS networking services such as Amazon VPC, Elastic Load Balancing, and Auto Scaling, but wants to host a highly available web application. Which AWS service would automatically handle the deployment and reduce the complexity for the developer?
A. AWS CodeDeploy
B. AWS Resource Access Manager
C. AWS Elastic Beanstalk
D. AWS CloudFormation
Reference:
https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/Welcome.html
C (100%)

Question #: 663
325 # Which AWS services or features can control VPC traffic? (Choose two.)
A. Security groups
B. AWS Direct Connect
C. Amazon GuardDuty
D. Network ACLs
E. Amazon Connect
AD (100%)

Question #: 662
326 # Which security credentials are required to run commands by using the AWS Command Line Interface (AWS CLI)?
A. Access Key ID and Secret Access Key
B. AWS root user email and password
C. Amazon Elastic Compute Cloud (Amazon EC2) key pairs
D. AWS Identity and Access Management (IAM) user name and password
Suggested Answer: A

Question #: 661
327 # Which of the following enables users to leverage the power of AWS services programmatically?
A. AWS Command Line Interface (AWS CLI)
B. AWS Trusted Advisor
C. AWS CodeDeploy
D. AWS Management Console
Selected Answer: A

Question #: 660
328 # Which benefit is available for Convertible Reserved Instances but NOT Standard Reserved Instances?
A. The instances can be exchanged for instances of a different instance size.
B. The instances can be exchanged for instances of a different instance family.
C. The instances can be changed to a different Availability Zone.
D. The instances can be changed to a different AWS Region.
Selected Answer: B
https://aws.amazon.com/cn/about-aws/whats-new/2016/09/amazon-ec2-convertible-reserved-instances-and-the-reserved-instance-regional-benefit/

Question #: 659
329 # Which VPC component provides a layer of security at the subnet level?
A. Security groups
B. Network ACLs
C. NAT gateways
D. Route tables
Selected Answer: B

Question #: 658
330 # Which of the following is a benefit of using an AWS managed service?
A. Reduced operational overhead for a company's IT staff
B. Increased fixed costs that can be predicted by a finance team
C. Removal of the need to have a backup strategy
D. Removal of the need to follow compliance standards
Selected Answer: A

Question #: 657
331 # A company is running a monolithic on-premises application that does not scale and is difficult to maintain. The company has a plan to migrate the application to AWS and divide the application into microservices.Which best practice of the AWS Well-Architected Framework is the company following with this plan?
A. Integrate functional testing as part of AWS deployment.
B. Use automation to deploy changes.
C. Deploy the application to multiple locations.
D. Implement loosely coupled dependencies.
Selected Answer: D

Question #: 656
332 # A developer has an AWS account and needs access to another account's test database. Which AWS service or feature can the developer use to gain access to the test database?
A. Amazon Macie
B. Security groups
C. IAM roles
D. AWS Trusted Advisor
Suggested Answer: C

Question #: 655
333 # Which AWS service aggregates, organizes, and prioritizes security alerts and findings from multiple AWS services?
A. Amazon Detective
B. Amazon Inspector
C. Amazon Macie
D. AWS Security Hub
Suggested Answer: D
https://aws.amazon.com/security-hub/?aws-security-hub-blogs.sort-by=item.additionalFields.createdDate&aws-security-hub-blogs.sort-order=desc

Question #: 654
334 # Which of the following security-related aspects of running an Amazon Elastic Compute Cloud (Amazon EC2) instance is the responsibility of AWS?
A. Security of private keys
B. Hypervisor software updates
C. Security updates to software running on the instance
D. Policies controlling instance access
Suggested Answer: B

Question #: 653
335 # Which actions represent best practices for using AWS IAM? (Choose two.)
A. Configure a strong password policy.
B. Share the security credentials among users of AWS accounts who are in the same Region.
C. Use access keys to lag in to the AWS Management Console.
D. Rotate access keys on a regular basis.
E. Avoid using IAM roles to delegate permissions.
Selected Answer: AD

Question #: 652
336 # A company's security team requires that all Amazon EC2 workloads use approved Amazon Machine Images (AMIs). Which AWS service should the company use to verify that the EC2 instances are using approved AMIs?
A. Amazon CloudWatch
B. Amazon Inspector
C. AWS Config
D. AWS Trusted Advisor
Selected Answer: C
https://aws.amazon.com/blogs/devops/aws-config-checking-for-compliance-with-new-managed-rule-options/

Question #: 651
337 # AWS can relieve a company's IT staff of which of the following IT tasks? (Choose two.)
A. Patching database software
B. Storage capacity planning
C. Creating database schemas
D. Setting up access controls for data
E. Writing application code
Selected Answer: AB

Question #: 650
338 # A user with an AWS Basic Support plan has determined that illegal activities are being run on their AWS resources. What is the recommended method for the user to report the activity to AWS?
A. Contact the AWS Concierge Support team.
B. Contact an AWS technical account manager.
C. Contact the AWS Abuse team.
D. Contact the AWS Support team.
Selected Answer: C

Question #: 649
339 # Which of the following is a best practice for creating policies for IAM users?
A. Start with a large set of permissions and remove the permissions that are not required.
B. Use only Amazon managed policies.
C. Start with a minimum set of permissions and grant additional permissions as necessary.
D. Attach policies directly to each user individually.
Suggested Answer: C

Question #: 648
340 # A company needs to monitor and forecast AWS costs and usage. The company also must set event-driven alert notifications that occur if spending limits are exceeded. Which AWS service or tool should the company use to meet these requirements?
A. AWS Budgets
B. Amazon CloudWatch
C. AWS Config
D. AWS Service Catalog
Selected Answer: A
https://aws.amazon.com/aws-cost-management/aws-budgets/

Question #: 647

341 # According to the AWS shared responsibility model, which task is the responsibility of the customer?
A. Protect the global infrastructure that runs all of the services offered in the AWS Cloud.
B. Configure logical access controls for resources, and protect account credentials.
C. Configure the security used by managed services.
D. Patch and back up Amazon Aurora.
Selected Answer: B
https://aws.amazon.com/compliance/shared-responsibility-model/

Question #: 646
342 # A company must keep records of all resource changes that are made through the AWS Management Console and AWS APIs. Which AWS service should the company use to meet this requirement?
A. Amazon CloudWatch
B. AWS CloudTrail
C. AWS X-Ray
D. Amazon Inspector
Selected Answer: B

Question #: 645
343 # Which AWS service should a cloud engineer use to view API calls to AWS services?
A. Amazon CloudWatch
B. AWS CloudTrail
C. AWS Config
D. AWS Artifact
Selected Answer: B

Question #: 644
344 # Which of the following is a design principle of the reliability pillar of the AWS Well-Architected Framework?
A. Scale globally in minutes.
B. Adopt a consumption model.
C. Automatically recover from failure.
D. Make frequent, small, reversible changes.
Selected Answer: C

Question #: 643
345 # A user needs to identify underutilized Amazon Elastic Block Store (Amazon EBS) volumes to reduce costs. Which AWS service or feature will meet this requirement?
A. AWS CloudTrail
B. AWS Budgets
C. AWS Trusted Advisor
D. AWS Personal Health Dashboard
Suggested Answer: C

Question #: 642
346 # According to the AWS shared responsibility model, which task is the responsibility of AWS for workloads running on Amazon EC2?
A. Updating the physical hardware
B. Updating the operating system
C. Updating the database engine
D. Updating the user data
Suggested Answer: A

Question #: 641
347 # A user wants to move legacy applications to the AWS Cloud to reduce the total cost. Which option is the MOST cost-effective according to best practices?
A. Rewrite the legacy applications in an open-source language, such as Python.
B. Right-size the Amazon EC2 instances to prevent over-provisioning in terms of compute and memory.
C. Migrate relational databases to Amazon DynamoDB.
D. Reserve a data center facility with an upfront payment, which provides an additional discount.
Selected Answer: B

Question #: 640
348 # A company has enabled billing alerts in its AWS account and wants to receive a notification through Amazon Simple Notification Service (Amazon SNS) whenever its monthly bill exceeds a set amount. Which AWS service or tool should the company use to achieve this?
A. Amazon CloudWatch
B. Cost Explorer
C. AWS Cost and Usage Report
D. AWS Pricing Calculator
Selected Answer: A
https://aws.amazon.com/blogs/mt/setting-up-an-amazon-cloudwatch-billing-alarm-to-proactively-monitor-estimated-charges/

Question #: 639
349 # A user has an AWS Business Support plan and requires detailed billing information. Which AWS resource will help?
A. AWS Concierge Support
B. AWS Service Catalog
C. AWS Budgets
D. AWS Cost and Usage Report
Selected Answer: D

Question #: 638
350 # How can moving to the AWS Cloud help users reduce the time dedicated to operating system patching? (Choose two.)
A. Users can take advantage of managed services on AWS.
B. Users can outsource operating system patching to the AWS Support team.
C. AWS Professional Services will upgrade instances to the latest operating system versions.
D. Users have the ability to use license-included Amazon EC2 instances.
E. Users can take advantage of AWS Systems Manager features.
Selected Answer: AE
https://aws.amazon.com/systems-manager/features/

351-375 DONE

27 August 2023   20:35

Question #: 637
351 # A system administrator wants to allow IT department users to access the AWS CLI. 351 # What is the MINIMUM credential t hat is required to achieve this goal?
A. Multi-factor authentication (MFA) code
B. Key pair
C. IAM user name and password
D. AWS access keys
Selected Answer: D

Question #: 636
352 # Which AWS service provides a simple way to set up a new multi-account AWS environment and govern it at scale?
A. AWS Trusted Advisor
B. AWS Security Hub
C. AWS Control Tower
D. AWS Resource Access Manager
Suggested Answer: C
https://aws.amazon.com/about-aws/whats-new/2020/04/you-can-now-use-aws-control-tower-to-set-up-new-multi-account-aws-environments-in-aws-organizations/

Question #: 635
353 # A company believes an unauthorized user copied data from an Amazon S3 bucket to their own account. Which AWS service wi ll record the actions taken by the user?
A. Amazon CloudWatch
B. AWS CloudTrail
C. AWS Infrastructure Event Management
D. AWS Systems Manager
Suggested Answer: B
https://docs.aws.amazon.com/AmazonS3/latest/userguide/security-best-practices.html

Question #: 634
354 # What does the AWS Cloud provide to increase the speed and agility of execution for customers? (Choose two.)
A. Readily available resources with low provisioning times
B. Scalable compute capacity
C. Free Tier services usage
D. Access to AWS data centers
E. Lower resource provisioning cost
Selected Answer: AB

Question #: 633
355 # Which guideline is a well-architected design principle for building cloud applications?
A. Keep static data closer to compute resources.
B. Provision resources for peak capacity.
C. Design for automated recovery from failure.
D. Use tightly coupled components.
Suggested Answer: C
https://wa.aws.amazon.com/wat.pillar.reliability.en.html

Question #: 632
356 # A company uses Amazon EC2 infrastructure to host steady-state workloads and needs to achieve significant cost savings. Which EC2 instance pricing model should the company select?
A. Reserved Instances
B. On-Demand Instances
C. Spot Instances
D. Dedicated Hosts
Suggested Answer: A

Question #: 631
357 # When comparing AWS Cloud with on-premises Total Cost of Ownership, 351 # Which expenses must be considered? (Choose two.)
A. Physical storage hardware
B. Operating system administration
C. Network infrastructure of data center
D. Project management
E. Database schema development
Selected Answer: AC

Question #: 630
358 # Which of the following technologies provides a secure network connection from on-premises to AWS?
A. Virtual Private Network
B. AWS Snowball
C. Amazon Virtual Private Cloud (Amazon VPC)
D. AWS Mobile Hub
Selected Answer: A

Question #: 629
359 # Which Amazon S3 storage class allows users to store data backups for long periods of time at the LOWEST cost?
A. S3 Standard-Infrequent Access (S3 Standard-IA)
B. S3 Standard
C. S3 Glacier
D. S3 One Zone-Infrequent Access (S3 One Zone-IA)
Suggested Answer: C

Question #: 628
360 # What are the market advantages of running workloads in the AWS Cloud? (Choose two.)

A. Less staff time is required to deploy new workloads.
B. Increased time to market for new application features.
C. Higher acquisition costs to support peak workloads.
D. Increased productivity for application development teams.
E. A decrease in the average server CPU utilization.
Selected Answer: AD

Question #: 627
361 # To avoid malicious compute activities, a user needs a quick way to determine if any Amazon EC2 instances have ports tha t allow unrestricted access. 351 # Which AWS service will support this requirement?
A. VPC Flow Logs
B. AWS WAF
C. AWS CloudTrail
D. AWS Trusted Advisor
Suggested Answer: D
https://aws.amazon.com/premiumsupport/technology/trusted-advisor/best-practice-checklist/

Question #: 626
362 # Which of the following are advantages of using Amazon EC2 instances over traditional on-premises servers? (Choose two.)
A. Pay-as-you-go pricing
B. Automation
C. Self-maintenance of servers
D. Agility
E. Access to physical hosts
Selected Answer: AD

Question #: 625
363 # Which Amazon Route 53 routing policy can a company use to route traffic to multiple resources in specified proportions?
A. Weighted routing policy
B. Multivalue answer routing policy
C. Failover routing policy
D. Latency routing policy
Selected Answer: A
https://docs.aws.amazon.com/Route53/latest/DeveloperGuide/routing-policy-weighted.html

Question #: 624
364 # A large company has a workload that requires hardware to remain on premises. The company wants to use the same manageme nt and control plane services that it currently uses on AWS. Which AWS service should the company use to meet these requirements?
A. AWS Device Farm
B. AWS Fargate
C. AWS Outposts
D. AWS Ground Station
Suggested Answer: C
https://aws.amazon.com/outposts/

Question #: 623
365 # A cloud practitioner needs to obtain AWS compliance reports before migrating an environment to the AWS Cloud. How can t hese reports be generated?
A. Contact the AWS Compliance team
B. Download the reports from AWS Artifact
C. Open a case with AWS Support
D. Generate the reports with Amazon Macie
Selected Answer: B

Question #: 622
366 # A company has multiple departments. Each department uses its own AWS account. 351 # Which AWS service or tool can the c ompany use to combine the billing for all accounts into one bill?
A. Amazon Forecast
B. AWS Budgets
C. AWS Organizations
D. AWS Marketplace
Suggested Answer: C

Question #: 621
367 # A security officer wants a list of any potential vulnerabilities in Amazon EC2 security groups. Which AWS service shoul d the officer use?
A. Amazon GuardDuty
B. AWS Trusted Advisor
C. AWS CloudTrail
D. AWS Artifact
Suggested Answer: B
https://aws.amazon.com/premiumsupport/technology/trusted-advisor/best-practice-checklist/

Question #: 620
368 # A company is running applications on Amazon EC2 instances in the same AWS account for several different projects. The c ompany wants to track the infrastructure costs for each of the projects separately. The company must conduct this tracking with the least possible impact to the existing infrastructure and with no additional cost. What should the company do to meet these requirements?
A. Use a different EC2 instance type for each project.
B. Publish project-specific custom Amazon CloudWatch metrics for each application.
C. Deploy EC2 instances for each project in a separate AWS account.
D. Use cost allocation tags with values that are specific to each project.
Selected Answer: D
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/cost-alloc-tags.html

Question #: 619
369 # A company is storing sensitive customer data in an Amazon S3 bucket. The company wants to protect the data from acciden tal deletion or overwriting. Which S3 feature should the company

use to meet these requirements?
A. S3 Lifecycle rules
B. S3 Versioning
C. S3 bucket policies
D. S3 server-side encryption
Selected Answer: B
https://docs.aws.amazon.com/AmazonS3/latest/userguide/Versioning.html

Question #: 618
370 # A cloud practitioner needs an effective method to decrease application latency and increase performance for end users. Which services will help? (Choose two.)
A. Amazon Elastic Container Service (Amazon ECS) for Kubernetes
B. Amazon S3
C. Amazon AppStrearn 2.0
D. Amazon ElastiCache
E. Amazon CloudFront
Selected Answer: DE
https://aws.amazon.com/elasticache/

Question #: 617
371 # Which AWS service will track user activity on AWS?
A. Amazon GuardDuty
B. AWS Trusted Advisor
C. AWS CloudTrail
D. Amazon CloudWatch
Suggested Answer: C
https://aws.amazon.com/cloudtrail/#:~:text=Track%20user%20activity%20and%20API%20usage&text=AWS%20CloudTrail%20is%20a%20servi ce,actions%20across%20your%20AWS%20infrastructure

Question #: 616
372 # 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?
A. Solutions architect
B. AWS Concierge Support team
C. An AWS Marketplace seller
D. AWS Partner Network (APN) partner
Selected Answer: B
https://aws.amazon.com/premiumsupport/plans/?nc1=h_ls

Question #: 615
373 # Who is responsible for decommissioning end-of-life underlying storage devices that are used to host data on AWS?
A. Customer
B. AWS
C. Account creator
D. Auditing team
Selected Answer: B

Question #: 614
374 # Which design principles are enabled by the AWS Cloud to improve the operation of workloads? (Choose two.)
A. Minimize upfront design
B. Loose coupling
C. Disposable resources
D. Server design and concurrency
E. Minimal viable product
Selected Answer: BC
https://d1.awsstatic.com/whitepapers/AWS_Cloud_Best_Practices.pdf

Question #: 613
375 # A company has decided to migrate its production workloads to the AWS Cloud. Which actions can help reduce operational c osts as part of the migration? (Choose two.)
A. Reduce overprovisioned instances.
B. Rehost all third-party licenses on AWS.
C. Implement a highly available architecture.
D. Use managed services.
E. Improve application security.
Selected Answer: AD

376-400 DONE

27 August 2023   20:35

Question #: 612
376 # Which AWS network services or features allow CIDR block notation when providing an IP address range? (Choose two.)
A. Security groups
B. Amazon Machine Image (AMI)
C. Network access control list (network ACL)
D. AWS Budgets
E. Amazon Elastic Block Store (Amazon EBS)
Selected Answer: AC

Question #: 611
377 # When using Amazon RDS, what is the customer responsible for?
A. Patching and maintenance of the underlying operating system.
B. Managing automatic backups of the database.
C. Controlling network access through security groups.
D. Replacing failed instances in the event of a hardware failure.
Selected Answer: C

Question #: 610
378 # Which architecture concept describes the ability to deploy resources on demand and release resources when they are no longer needed?
A. High availability
B. Decoupled architecture
C. Resilience
D. Elasticity
Suggested Answer: D
https://wa.aws.amazon.com/wat.concept.elasticity.en.html

Question #: 609
379 # Which AWS service or component allows inbound traffic from the internet to access a VPC?
A. Internet gateway
B. NAT gateway
C. AWS WAF
D. VPC peering
Suggested Answer: A
https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Internet_Gateway.html

Question #: 608
380 # Which AWS service would identify if unrestricted access to a resource has been allowed by a security group?
A. AWS Trusted Advisor
B. Amazon CloudWatch
C. VPC Flow Logs
D. AWS CloudTrail
Suggested Answer: A

Question #: 607
381 # AWS Trusted Advisor can monitor and provide advice on what characteristics of an AWS account? (Choose two.)
A. Compliance with security best practices
B. Application performance
C. Network utilization
D. Cost optimization
E. Compliance status
Selected Answer: AD
performance of your services, not performance of your application
https://docs.aws.amazon.com/awssupport/latest/user/get-started-with-aws-trusted-advisor.html#view-check-categories
https://docs.aws.amazon.com/awssupport/latest/user/performance-checks.html

Question #: 606
382 # Which AWS services or features help decrease network latency for a globally dispersed user base? (Choose two.)
A. Amazon VPC
B. Elastic Load Balancer
C. Amazon CloudFront
D. AWS Direct Connect
E. AWS Global Accelerator
Selected Answer: CE

Question #: 605
383 # A user can optimize Amazon EC2 costs by performing which of the following tasks? (Choose two.)
A. Implementing Auto Scaling groups to add and remove instances based on demand.
B. Creating a policy to restrict IAM users from creating new instances.
C. Setting a budget to limit spending on EC2 instances using AWS Budgets.
D. Purchasing Reserved Instances.
E. Adding EC2 instances to a second AWS Region that is geographically close to the end users.
Selected Answer: AD

Question #: 604
384 # A company recently migrated to AWS and wants to enable intelligent threat protection and continuous monitoring across all of its AWS accounts. Which AWS service should the company use to achieve this goal?
A. Amazon Macie
B. Amazon GuardDuty
C. AWS Shield
D. Amazon Detective

Suggested Answer: B
https://aws.amazon.com/guardduty/
Protect your AWS accounts with intelligent threat detection

Question #: 603
385 # Which AWS service acts as a data extract, transform, and load (ETL) tool to make it easy to prepare data for analytics?
A. Amazon QuickSight
B. Amazon Athena
C. AWS Glue
D. AWS Elastic Beanstalk
Suggested Answer: C
https://aws.amazon.com/blogs/database/how-to-extract-transform-and-load-data-for-analytic-processing-using-aws-glue-part-2/

Question #: 602
386 # Which security-related task is the responsibility of the customer in the AWS Cloud?
A. Securing infrastructure at data centers
B. Maintaining firewall configurations at a hardware level
C. Maintaining networking among hardware components
D. Maintaining server-side encryption
Suggested Answer: D
https://www.missioncloud.com/blog/aws-security-make-sure-your-share-the-responsibility

Question #: 601
387 # Which pricing model will interrupt a running Amazon EC2 instance if capacity becomes temporarily unavailable?
A. On-Demand Instances
B. Standard Reserved Instances
C. Spot Instances
D. Convertible Reserved Instances
Suggested Answer: C
https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/spot-fleet.html

Question #: 600
388 # A company has a managed IAM policy that does not grant the necessary permissions for users to accomplish required tasks. How can this be resolved?
A. Enable AWS Shield Advanced
B. Create a custom IAM policy
C. Use a third-party web application firewall (WAF) managed rule from the AWS Marketplace
D. Use AWS Key Management Service (AWS KMS) to create a customer-managed key
Selected Answer: B

Question #: 599
389 # Which of the following can be used to identify a specific user who stopped an Amazon EC2 instance?
A. AWS CloudTrail
B. Amazon Inspector
C. Amazon CloudWatch
D. VPC Flow Logs
Selected Answer: A

Question #: 598
390 # According to the AWS shared responsibility model, when using Amazon RDS, who is responsible for scheduling and performing backups?
A. AWS is responsible for both tasks.
B. The customer is responsible for scheduling and AWS is responsible for performing backups.
C. The customer is responsible for both tasks.
D. AWS is responsible for scheduling and the user is responsible for performing backups.
Selected Answer: B
https://aws.amazon.com/rds/features/backup/

Question #: 597
391 # A company spends several months upgrading its on-premises infrastructure every few years. The company wants to reduce infrastructure procurement time by migrating to the AWS Cloud.
What is the main benefit of migrating to the AWS Cloud for this use case?
A. AWS will help move the existing hardware to the AWS data centers.
B. The company will have increased agility with on-demand access to IT resources.
C. Enterprise support will be available to help with recurring application installation and setup.
D. The company will experience less downtime with Multi-AZ deployments.
Selected Answer: B
https://aws.amazon.com/blogs/enterprise-strategy/rightsizing-infrastructure-can-cut-costs-36/

Question #: 596
392 # A company wants its Amazon EC2 instances to share the same geographic area but use multiple independent underlying power sources. Which solution achieves this goal?
A. Use EC2 instances in a single Availability Zone.
B. Use EC2 instances in multiple AWS Regions.
C. Use EC2 instances in multiple Availability Zones in the same AWS Region.
D. Use EC2 instances in the same edge location and the same AWS Region.
Selected Answer: C
https://aws.amazon.com/about-aws/global-infrastructure/regions_az/

Question #: 595
393 # Which service is an AWS-managed Hadoop framework that makes it easy, fast, and cost-effective to process large amounts of data across dynamically scalable Amazon EC2 instances?
A. Amazon EMR
B. Amazon EC2
C. AWS Elastic Beanstalk
D. Amazon Redshift
Suggested Answer: A
https://aws.amazon.com/big-data/what-is-hbase/#:~:text=HBase%20and%20Hadoop%20on%20AWS,across%20dynamically%20scalable%20EC2%20instances

Question #: 594

394 # A company needs to identify its underutilized Amazon Elastic Block Store (Amazon EBS) volumes. Which AWS service should the company use to meet this requirement?
A. Amazon Inspector
B. AWS Trusted Advisor
C. AWS Config
D. AWS CloudTrail
Selected Answer: B
AWS Trusted Advisor provides various checks to help optimize AWS resources, including EBS volumes. The EBS volumes check provides recommendations for optimizing Amazon EBS volumes, including identifying underutilized volumes.

Question #: 593
395 # Which databases are available on Amazon RDS? (Choose two.)
A. Sybase
B. Microsoft SQL Server
C. IBM Db2
D. MongoDB
E. PostgreSQL
Suggested Answer: BE

Question #: 592
396 # A user needs to perform a one-time backup of an Amazon Elastic Block Store (Amazon EBS) volume that is attached to an Amazon EC2 instance. What is the MOST operationally efficient way to perform this backup?
A. Attach another EBS volume to the EC2 instance, and copy the contents.
B. Copy the EBS volume to a server that is running outside AWS and is connected with AWS Direct Connect.
C. Create an EBS snapshot of the volume.
D. Create a custom script to copy the EBS file contents to Amazon S3.
Suggested Answer: C
https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSSnapshots.html

Question #: 591
397 # A company has a MySQL database running on a single Amazon EC2 instance. The company now requires higher availability in the event of an outage. Which set of tasks would meet this requirement?
A. Add an Application Load Balancer in front of the EC2 instance.
B. Configure EC2 Auto Recovery to move the instance to another Availability Zone.
C. Migrate to Amazon RDS and enable Multi-AZ.
D. Enable termination protection for the EC2 instance to avoid outages.
Suggested Answer: C

Question #: 590
398 # Which AWS service enables risk auditing of an AWS account by tracking and recording user actions and source IP addresses?
A. AWS X-Ray
B. AWS Shield
C. AWS Trusted Advisor
D. AWS CloudTrail
Suggested Answer: D
https://aws.amazon.com/cloudtrail/#:~:text=AWS%20CloudTrail%20is%20a%20service,actions%20across%20your%20AWS%20infrastructure

Question #: 589
399 # A company wants to minimize network latency between its Amazon EC2 instances. The EC2 instances do not need to be highly available. Which solution meets these requirements?
A. Use EC2 instances in a single Availability Zone.
B. Use EC2 instances in multiple AWS Regions.
C. Use Amazon CloudFront with the EC2 instances configured as the source.
D. Use EC2 instances in the same edge location and the same AWS Region.
Selected Answer: A

Question #: 588
400 # A company is migrating its on-premises data center to AWS and wants to provide NFS access to its Linux clients. Which AWS service should the company use?
A. Amazon S3
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon S3 Glacier
Suggested Answer: B

401-425 DONE

27 August 2023   20:34

Question #: 587
401 # An application deployed in the AWS Cloud has unpredictable usage patterns and is running workloads that cannot be inter rupted What is the MOST cost-effective Amazon EC2 pricing option for this application?
A. Dedicated Instances
B. Spot Instances
C. Reserved Instances
D. On-Demand Instances
Selected Answer: D

Question #: 586
402 # A solutions architect needs to maintain a fleet of Amazon EC2 instances so that any impaired instances are replaced wit h new ones. Which AWS service should the solutions architect use?
A. Amazon Elastic Container Service (Amazon ECS)
B. Amazon GuardDuty
C. AWS Shield
D. AWS Auto Scaling
Suggested Answer: D
https://aws.amazon.com/ec2/autoscaling/faqs/

Question #: 585
403 # How can consolidated billing within AWS Organizations help lower overall monthly expenses?
A. By providing a consolidated view of monthly billing across multiple accounts
B. By pooling usage across multiple accounts to achieve a pricing tier discount
C. By automating the creation of new accounts through APIs
D. By leveraging service control policies (SCPs) for centralized service management
Selected Answer: B
https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/ri-turn-off.html

Question #: 584
404 # When a user wants to utilize their existing per-socket, per-core, or per-virtual machine software licenses for a Microsoft Windows server running on AWS, which Amazon EC2 instance type is required?
A. Spot Instances
B. Dedicated Instances
C. Dedicated Hosts
D. Reserved Instances
Selected Answer: C
https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/dedicated-hosts-overview.html#dedicated-hosts-dedicated-instances

Question #: 583
405 # A company is looking for a way to encrypt data stored on Amazon S3. Which AWS managed service can be used to help to ac complish this?
A. AWS Certificate Manager (ACM)
B. AWS Secrets Manager
C. AWS Resource Access Manager
D. AWS Key Management Service (AWS KMS)
Suggested Answer: D

Question #: 582
406 # A user has an AWS account with a Business-level AWS Support plan and needs assistance with handling a production service disruption. Which action should the user take?
A. Contact the dedicated AWS technical account manager (TAM).
B. Contact the dedicated AWS Concierge Support team.
C. Open a business-critical system down support case.
D. Open a production system down support case.
Suggested Answer: D

Question #: 581
407 # Which cloud computing advantage is a company applying when it uses AWS Regions to increase application availability to users in different countries?
A. Pay-as-you-go pricing
B. Capacity forecasting
C. Economies of scale
D. Global reach
Selected Answer: D

Question #: 580
408 # A company wants durable storage for static content and infinitely scalable data storage infrastructure at the lowest co st. Which AWS service should the company choose?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. AWS Storage Gateway
D. Amazon Elastic File System (Amazon EFS)
Suggested Answer: B

Question #: 579
409 # Which AWS service enables users to monitor for specific phrases, values, or patterns and set up alarms based on metrics ?
A. AWS IQ
B. Amazon Comprehend
C. AWS CloudTrail
D. Amazon CloudWatch Logs
Suggested Answer: D
https://aws.amazon.com/cloudwatch/features/

Question #: 578
410 # Which type of AWS infrastructure deployment puts AWS compute, storage, database, and other select services closer to en d users to run latency-sensitive applications?

A. AWS Regions
B. Availability Zones
C. Local Zones
D. Edge locations
Suggested Answer: C
https://aws.amazon.com/about-aws/global-infrastructure/localzones/features/#:~:text=AWS%20Local%20Zones%20are%20a,millisecond%20latency%20to%20end-users

Question #: 577
411 # A company is building a new archiving system on AWS that will store terabytes of data. The company will NOT retrieve the data often. Which Amazon S3 storage class will MINIMIZE the cost of the system?
A. S3 Standard-Infrequent Access (S3 Standard-IA)
B. S3 Glacier
C. S3 Intelligent-Tiering
D. S3 One Zone-Infrequent Access (S3 One Zone-IA)
Selected Answer: B

Question #: 576
412 # Which AWS service does AWS Snowball Edge natively support?
A. AWS Server Migration Service (AWS SMS)
B. Amazon Aurora
C. AWS Trusted Advisor
D. Amazon EC2
Suggested Answer: D
https://aws.amazon.com/blogs/storage/building-a-linux-edge-computing-solution-with-aws-snowball-edge-and-amazon-ec2/

Question #: 575
413 # Which task requires the use of AWS account root account user credentials?
A. Closing an AWS account
B. Creating a log file
C. Modifying IAM user permissions
D. Deleting IAM users
Suggested Answer: A
https://docs.aws.amazon.com/accounts/latest/reference/root-user-tasks.html

Question #: 574
414 # Which AWS service provides the ability to quickly run one-time queries on data in Amazon S3?
A. Amazon EMR
B. Amazon DynamoDB
C. Amazon Redshift
D. Amazon Athena
Suggested Answer: D
https://aws.amazon.com/athena/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc

Question #: 573
415 # Which AWS services help to improve application performance by reducing latency while accessing content globally? (Choose two.)
A. Amazon CloudFront
B. AWS VPN
C. AWS Direct Connect
D. AWS Global Accelerator
E. Amazon S3 Glacier
Suggested Answer: AD
https://aws.amazon.com/blogs/networking-and-content-delivery/achieve-up-to-60-better-performance-for-internet-traffic-with-aws-global-accelerator/

Question #: 572
416 # What AWS billing support resource is available to all support levels?
A. AWS Support concierge
B. AWS Customer Service
C. AWS technical account manager
D. AWS Business Support
Suggested Answer: B
https://aws.amazon.com/premiumsupport/plans/

Question #: 571
417 # A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases. Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?
A. Elastic Load Balancing
B. Amazon EC2 Auto Scaling
C. AWS App2Container (A2C)
D. AWS Systems Manager
Selected Answer: B

Question #: 570
418 # How can a user achieve high availability for a web application hosted on AWS?
A. Use a Classic Load Balancer across multiple AWS Regions.
B. Use an Application Load Balancer across multiple Availability Zones in one AWS Region.
C. Set up automatic scaling and load balancing with another application instance running on premises.
D. Use the AWS Region with the highest number of Availability Zones.
Selected Answer: B

Question #: 569
419 # A developer needs to use a standardized template to create copies of a company's AWS architecture for development, test, and production environments. Which AWS service should the developer use to meet this requirement?
A. AWS Cloud Map
B. AWS CloudFormation

C. Amazon Cloud Front
D. AWS CloudTrail
Selected Answer: B
https://aws.amazon.com/cloudformation/

Question #: 568
420 # Which AWS service or feature allows a user to establish a dedicated network connection between a company's on -premises data center and the AWS Cloud?
A. AWS Direct Connect
B. VPC peering
C. AWS VPN
D. Amazon Route 53
Suggested Answer: A
https://www.stratoscale.com/blog/cloud/build-secure-tunnel-on-prem-data-center-amazon-cloud/#:~:text=AWS%20Direct%20Connect%20allows%20you,that%20provide%20connectivity%20to%20AWS

Question #: 567
421 # 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?
A. Amazon Comprehend
B. Amazon SageMaker
C. AWS Deep Learning AMIs (DLAMI)
D. Amazon Rekognition
Suggested Answer: A
https://aws.amazon.com/comprehend/

Question #: 566
422 # Which of the following are benefits of running a database on Amazon RDS compared to an on -premises database? (Choose two.)
A. RDS backups are managed by AWS.
B. RDS supports any relational database.
C. RDS has no database engine licensing costs.
D. RDS database compute capacity can be easily scaled.
E. RDS inbound traffic control (for example, security groups) is managed by AWS.
Suggested Answer: AD
https://aws.amazon.com/rds/features/

Question #: 565
423 # Which of the following can be used to describe infrastructure as code in the AWS Cloud?
A. AWS CLI
B. AWS CloudFormation
C. AWS CodeDeploy
D. AWS Amplify
Suggested Answer: B
https://containersonaws.com/introduction/infrastructure -as-code/#:~:text=Infrastructure%20as%20code%20is%20the,as%20code%20is%20AWS%20CloudFormation

Question #: 564
424 # A security officer wants to enable IPsec communications to securely connect users from on -premises networks to AWS. Which AWS service or feature should the officer use?
A. Amazon VPC
B. AWS VPN
C. AWS Direct Connect
D. Amazon Connect
Suggested Answer: B
https://aws.amazon.com/vpn/faqs/

Question #: 563
425 # Which aspect of AWS infrastructure enables global deployment of compute and storage?
A. Availability Zones
B. Regions
C. Tags
D. Resource groups
Selected Answer: B

426-450 DONE

27 August 2023   20:35

Question #: 538
426 # Which AWS service or feature can be used to prevent SQL injection attacks?
A. Security groups
B. Network ACLs
C. AWS WAF
D. IAM policy
Suggested Answer: C
https://docs.aws.amazon.com/waf/latest/developerguide/classic-web-acl-sql-conditions.html

Question #: 562
427 # A company previously lost data that was stored in an on-premises data center. To protect against future loss of data, the company wants to use AWS to automatically launch thousands of its machines in a fully provisioned state in minutes, in a format that supports data restoration. Which AWS service should the company use to meet these requirements?
A. AWS Direct Connect
B. AWS Storage Gateway
C. CloudEndure Disaster Recovery
D. AWS Backup
Suggested Answer: C
https://www.cloudendure.com/

Question #: 561
428 # Using AWS Identity and Access Management (IAM), what can be attached to an Amazon EC2 instance to make service requests?
A. Group
B. Role
C. Policy
D. Access key
Suggested Answer: B

Question #: 560
429 # Which of the following contribute to total cost of ownership of a workload running in the AWS Cloud? (Choose two.)
A. Hardware maintenance
B. Power and cooling
C. Storage costs
D. Space for data center
E. Network costs
Selected Answer: CE
https://www.slideshare.net/AmazonWebServices/optimizing-total-cost-of-ownership-for-the-aws-cloud-36852296

Question #: 559
430 # A company is required to store its data close to its primary users. Which benefit of the AWS Cloud supports this requirement?
A. Security
B. High availability
C. Elasticity
D. Global footprint
Selected Answer: D
https://aws.amazon.com/about-aws/global-infrastructure/

Question #: 558
431 # Which AWS Trusted Advisor feature is available exclusively to users with AWS Business Support or AWS Enterprise Support?
A. Notification setup
B. Refresh checks
C. AWS Support API
D. Action links
Suggested Answer: C
https://aws.amazon.com/premiumsupport/plans/

Question #: 557
432 # The AWS global infrastructure consists of Regions, Availability Zones, and what else?
A. VPCs
B. Data centers
C. Dark fiber network links
D. Edge locations
Selected Answer: D

Question #: 556
433 # A media company wants to distribute video content to millions of users worldwide over the internet. The company wants to use the AWS global network backbone to distribute cached content with low latency and high data transfer speeds. Which AWS service will meet these requirements?
A. Amazon CloudFront
B. AWS Global Accelerator
C. AWS Direct Connect
D. Amazon Connect
Suggested Answer: A
https://aws.amazon.com/cloudfront/

Question #: 555
434 # A company is planning to move data backups to the AWS Cloud. The company needs to replace on-premises storage with storage that is cloud-based but locally cached. Which AWS service meets these requirements?
A. AWS Storage Gateway
B. AWS Snowcone
C. AWS Backup
D. Amazon Elastic File System (Amazon EFS)

Selected Answer: A

Question #: 554
435 # Which AWS service or feature provides information about ongoing or upcoming scheduled events that can affect an AWS account?
A. AWS Config
B. AWS Systems Manager
C. AWS Personal Health Dashboard
D. AWS Trusted Advisor
Suggested Answer: C

Question #: 553
436 # Which statement is true about AWS global infrastructure?
A. Availability Zones can span multiple AWS Regions.
B. A VPC can have different subnets in different AWS Regions.
C. AWS Regions consist of multiple Availability Zones.
D. A single subnet can span multiple Availability Zones.
Suggested Answer: C

Question #: 552
437 # A company wants to securely access an Amazon S3 bucket from an Amazon EC2 instance without accessing the internet. What should the company use to accomplish this goal?
A. VPN connection
B. Internet gateway
C. VPC endpoint
D. NAT gateway
Suggested Answer: C
https://docs.aws.amazon.com/whitepapers/latest/aws-privatelink/what-are-vpc-endpoints.html

Question #: 551
438 # An auditor needs to find out whether a specific AWS service is compliant with specific compliance frameworks. Which AWS service will provide this information?
A. AWS Artifact
B. AWS Trusted Advisor
C. Amazon GuardDuty
D. AWS Certificate Manager (ACM)
Selected Answer: A

Question #: 550
439 # A company hosts images in an Amazon S3 bucket for a public-facing website that is viewed by millions of users around the globe. Which AWS service will deliver this content with reduced latency?
A. AWS WAF
B. Amazon CloudWatch
C. Amazon Cloud Front
D. AWS CloudFormation
Suggested Answer: C

Question #: 549
440 # A company wants to use a web browser to run. test, and debug AWS Lambda functions in an integrated development environment (IDE). Which AWS service provides this functionality?
A. AWS Cloud9
B. Amazon CodeGuru
C. AWS CodeDeploy
D. AWS CodeCommit
Selected Answer: A
https://aws.amazon.com/cloud9/faqs/

Question #: 548
441 # A company wants to transfer petabytes of data as quickly as possible from on-premises locations to the AWS Cloud. Which AWS service should the company use?
A. AWS Snowball
B. AWS Global Accelerator
C. Amazon S3 Transfer Acceleration
D. Amazon Connect
Suggested Answer: A
https://aws.amazon.com/getting-started/projects/migrate-petabyte-scale-data/

Question #: 547
442 # Which of the following services can be used to block network traffic to an instance? (Choose two.)
A. Security groups
B. Amazon Virtual Private Cloud (Amazon VPC) flow logs
C. Network ACLs
D. Amazon CloudWatch
E. AWS CloudTrail
Suggested Answer: AC
https://repost.aws/knowledge-center/ec2-block-or-allow-ips

Question #: 546
443 # According to the AWS shared responsibility model, which of the following are AWS responsibilities? (Choose two.)
A. Network infrastructure and virtualization of infrastructure
B. Security of application data
C. Guest operating systems
D. Physical security of hardware
E. Credentials and policies
Suggested Answer: AD

Question #: 545
444 # Which AWS service can report how AWS resource configurations have changed over time?
A. AWS CloudTrail

B. Amazon CloudWatch
C. AWS Config
D. Amazon Inspector
Suggested Answer: C

Question #: 544
445 # A company wants to test mobile apps on a variety of popular mobile devices. Which AWS service should the company use to achieve this goal?
A. AWS IoT Core
B. AWS Wavelength
C. AWS Device Farm
D. AWS Direct Connect
Selected Answer: C
https://aws.amazon.com/device-farm/

Question #: 543
446 # Which AWS service automatically handles application health monitoring?
A. Amazon API Gateway
B. AWS Elastic Beanstalk
C. AWS Lambda
D. AWS Config
Suggested Answer: B
https://aws.amazon.com/elasticbeanstalk/

Question #: 542
447 # A user can increase operational efficiency in the AWS Cloud by:
A. leveraging AWS managed services.
B. right-sizing AWS infrastructure.
C. manually creating all necessary resources.
D. managing their own software licenses.
Suggested Answer: A
https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.pillar.operationalExcellence.en.html

Question #: 541
448 # According to security best practices, how should an Amazon EC2 instance be given access to an Amazon S3 bucket?
A. Hard code an IAM user's secret key and access key directly in the application, and upload the file.
B. Store the IAM user's secret key and access key in a text file on the EC2 instance, read the keys, then upload the file.
C. Have the EC2 instance assume a role to obtain the privileges to upload the file.
D. Modify the S3 bucket policy so that any service can upload to it at any time.
Selected Answer: C
https://aws.amazon.com/premiumsupport/knowledge-center/ec2-instance-access-s3-bucket/

Question #: 540
449 # Which of the following IT tasks does AWS perform to offload a company's IT resource management responsibilities? (Choose two.)
A. Configuring operating system firewalls
B. Setting up access controls for data
C. Backing up databases
D. Configuring database user accounts
E. Installing operating systems
Selected Answer: CE

Question #: 539
450 # Which activity is a customer responsibility in the AWS Cloud according to the AWS shared responsibility model?
A. Ensuring network connectivity from AWS to the internet
B. Patching and fixing flaws within the AWS Cloud infrastructure
C. Ensuring the physical security of cloud data centers
D. Ensuring Amazon EBS volumes are backed up
Suggested Answer: D

Question #: 537
451 # How can AWS enable a company to control expenses as an application's usage changes unpredictably?
A. AWS will refund the cost difference if a customer moves to larger servers.
B. The application can be built to scale up or down automatically as resources are needed
C. Spot instances will automatically be used if the price is lower than on-demand instances.
D. Amazon CloudWatch will automatically predict what resources are needed.
Suggested Answer: B

Question #: 536
452 # Which of the following are customer responsibilities under the AWS shared responsibility model? (Choose two.)
A. Physical security of AWS facilities
B. Configuration of security groups
C. Encryption of customer data on AWS
D. Management of AWS Lambda infrastructure
E. Management of network throughput of each AWS Region
Suggested Answer: BC

Question #: 535
453 # A company wants to deploy a highly available third-party firewall appliance. Which AWS service or resource will support this task?
A. AWS WAF
B. AWS Security Hub
C. AWS Firewall Manager
D. Gateway Load Balancer
Selected Answer: D

Question #: 534
454 # The AWS IAM best practice for granting least privilege is to:
A. apply an IAM policy to an IAM group and limit the size of the group.
B. require multi-factor authentication (MFA) for all IAM users.
C. require each IAM user who has different permissions to have multiple passwords.
D. apply an IAM policy only to IAM users who require it.
Selected Answer: D

Question #: 533
455 # A company is planning to configure multi-factor authentication (MFA) for a business application. The company needs to use text messages to distribute one-time passwords to its customers worldwide. Which AWS service should the company use to meet this requirement?
A. Amazon EventBridge (Amazon CloudWatch Events)
B. AWS Identity and Access Management (IAM)
C. Amazon Simple Notification Service (Amazon SNS)
D. Amazon Connect
Selected Answer: C

Question #: 532
456 # A company wants to track AWS resource configuration changes for compliance reasons. Which AWS feature can be used to meet this requirement?
A. AWS Cost and Usage Report
B. AWS Organizations service control policies (SCPs)
C. AWS Config rules
D. VPC Flow Logs
Selected Answer: C

Question #: 531
457 # A company is expecting a short-term spike in internet traffic for its application. During the traffic increase, the application cannot be interrupted. The company also needs to minimize cost and maximize flexibility. Which Amazon EC2 instance type should the company use to meet these requirements?
A. On-Demand Instances
B. Spot Instances
C. Reserved Instances
D. Dedicated Hosts
Selected Answer: A

Question #: 530
458 # What are the benefits of consolidated billing for AWS Cloud services? (Choose two.)
A. Volume discounts
B. A minimal additional fee for use
C. One bill for multiple accounts
D. Installment payment options
E. Custom cost and usage budget creation
Suggested Answer: AC

Question #: 529
459 # An external auditor has requested that a company provide a list of all its IAM users, including the status of users' credentials and access keys. What it the SIMPLEST way to provide this information?
A. Create an IAM user account for the auditor, granting the auditor administrator permissions.
B. Take a screenshot of each user's page in the AWS Management Console, then provide the screenshots to the auditor.
C. Download the IAM credential report, then provide the report to the auditor.
D. Download the AWS Trusted Advisor report, then provide the report to the auditor.
Suggested Answer: C
https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_getting-report.html

Question #: 528
460 # A company is running a self-managed Oracle database directly on Amazon EC2 for its steady-state database. The company wants to reduce compute costs. Which option should the company use to maximize savings over a 3-year term?
A. EC2 Dedicated Instances
B. EC2 Spot Instances
C. EC2 Reserved Instances
D. EC2 On-Demand Instances
Suggested Answer: C

Question #: 527
461 # How should a web application be deployed to ensure high availability in the AWS Cloud?
A. Deploy multiple instances of the application in multiple Availability Zones.
B. Deploy multiple instances of the application in a single Availability Zone.
C. Deploy the application to a compute-optimized Amazon EC2 instance in a single Availability Zone.
D. Deploy the application in one Amazon EC2 instance in an Auto Scaling group.
Suggested Answer: A

Question #: 526
462 # A company has an AWS-hosted website located behind an Application Load Balancer. The company wants to safeguard the website from SQL injection or cross-site scripting. Which AWS service should the company use?
A. Amazon GuardDuty
B. AWS WAF
C. AWS Trusted Advisor
D. Amazon Inspector
Suggested Answer: B

Question #: 525
463 # Which AWS service can be used to retrieve compliance reports on demand?
A. AWS Secrets Manager
B. AWS Artifact
C. AWS Security Hub
D. AWS Certificate Manager
Suggested Answer: B

Question #: 524
464 # A company wants to connect to AWS over a private, low-latency connection from its remote office. What is the recommended method to meet these requirements?
A. Create a VPN tunnel
B. Connect across the public internet
C. Use VPC peering to create a connection.
D. Use AWS Direct Connect.
Suggested Answer: D

Question #: 523
465 # A company is planning to launch an ecommerce site in a single AWS Region to a worldwide user base. Which AWS services will allow the company to reach users and provide low latency and high transfer speeds? (Choose two.)
A. Application Load Balancer
B. AWS Global Accelerator
C. AWS Direct Connect
D. Amazon CloudFront
E. AWS Lambda

Suggested Answer: BD

Question #: 522
466 # Which AWS Cloud design principles can help increase reliability? (Choose two.)
A. Using monolithic architecture
B. Measuring overall efficiency
C. Testing recovery procedures
D. Adopting a consumption model
E. Automatically recovering from failure
Suggested Answer: CE
https://wa.aws.amazon.com/wat.pillar.reliability.en.html

Question #: 521
467 # Which AWS service uses a combination of publishers and subscribers?
A. AWS Lambda
B. Amazon Simple Notification Service (Amazon SNS)
C. Amazon Cloud Watch
D. AWS CloudFormation
Suggested Answer: B

Question #: 520
468 # A company wants to ensure its infrastructure is designed for fault tolerance and business continuity in the event of an environmental disruption. Which AWS infrastructure component should the company replicate across?
A. Edge locations
B. Availability Zones
C. Regions
D. Amazon Route 53
Suggested Answer: B
AZ - several DCs - environment(DC) level disruptions, such as fire and outage, etc
Region - several AZs - region level disruptions, such as earthquake and war, etc
so, AZs is correct.
https://aws.amazon.com/compliance/data-center/environmental-layer/

Question #: 519
469 # Which AWS service should a cloud practitioner use to identify security vulnerabilities of an AWS account?
A. AWS Secrets Manager
B. Amazon Cognito
C. Amazon Macie
D. AWS Trusted Advisor
Suggested Answer: D

Question #: 518
470 # Which AWS service can be used to privately store and manage versions of source code?
A. AWS CodeBuild
B. AWS CodeCommit
C. AWS CodePipeline
D. AWS CodeStar
Suggested Answer: B

Question #: 517
471 # Which AWS services offer compute capabilities? (Choose two.)
A. Amazon EC2
B. Amazon S3
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon Cognito
E. AWS Lambda
Suggested Answer: AE

Question #: 516
472 # Which AWS service or feature requires an internet service provider (ISP) and a colocation facility to be implemented?
A. AWS VPN
B. Amazon Connect
C. AWS Direct Connect
D. Internet gateway
Suggested Answer: C

Question #: 515
473 # Which AWS service allows customers to purchase unused Amazon EC2 capacity at an often discounted rate?
A. Reserved Instances
B. On-Demand Instances
C. Dedicated Instances
D. Spot Instances
Suggested Answer: D

Question #: 514
474 # Which AWS service provides the ability to host a NoSQL database in the AWS Cloud?
A. Amazon Aurora
B. Amazon DynamoDB
C. Amazon RDS
D. Amazon Redshift
Suggested Answer: B

Question #: 513
475 # A company wants to be notified when its AWS Cloud costs or usage exceed defined thresholds. Which AWS service will support these requirements?
A. AWS Budgets
B. Cost Explorer
C. AWS CloudTrail
D. Amazon Macie
Suggested Answer: A

476-500 DONE

27 August 2023   20:35

Question #: 512
476 # What is the customer's responsibility when using AWS Lambda?
A. Operating system configuration
B. Application management
C. Platform management
D. Code encryption
Suggested Answer: D
https://docs.aws.amazon.com/whitepapers/latest/security-overview-aws-lambda/the-shared-responsibility-model.html

Question #: 511
477 # Which of the following is the customer's responsibility when using Amazon RDS?
A. Patching the operating system of underlying hardware
B. Controlling traffic to and from the database through security groups
C. Running backups that enable point-in-time recovery of a DB instance
D. Replacing failed DB instances
Suggested Answer: B

Question #: 510
478 # Which tool can be used to identify scheduled changes to the AWS infrastructure?
A. AWS Personal Health Dashboard
B. AWS Trusted Advisor
C. Billing Dashboard
D. AWS Config
Suggested Answer: A

Question #: 509
479 # A workload on AWS will run for the foreseeable future by using a consistent number of Amazon EC2 instances. What pricing model will minimize cost while ensuring that compute resources remain available?
A. Dedicated Hosts
B. On-Demand Instances
C. Spot Instances
D. Reserved Instances
Suggested Answer: D

Question #: 508
480 # What are the advantages of deploying an application with Amazon EC2 instances in multiple Availability Zones? (Choose two.)
A. Preventing a single point of failure
B. Reducing the operational costs of the application
C. Allowing the application to serve cross-region users with low latency
D. Increasing the availability of the application
E. Increasing the load of the application
Suggested Answer: AD

Question #: 507
481 # A company has a compliance requirement to record and evaluate configuration changes, as well as perform remediation actions on AWS resources. Which AWS service should the company use?
A. AWS Config
B. AWS Secrets Manager
C. AWS CloudTrail
D. AWS Trusted Advisor
Suggested Answer: A

Question #: 506
482 # A company wants to provide one of its employees with access to Amazon RDS. The company also wants to limit the interaction to only the AWS CLI and AWS software development kits (SDKs). Which combination of actions should the company take to meet these requirements while following the principles of least privilege? (Choose two.)
A. Create an IAM user and provide AWS Management Console access only.
B. Create an IAM user and provide programmatic access only.
C. Create an IAM role and provide AWS Management Console access only.
D. Create an IAM policy with administrator access and attach it to the IAM user.
E. Create an IAM policy with Amazon RDS access and attach it to the IAM user.
Suggested Answer: BE

Question #: 505
483 # Which AWS service gives users on-demand, self-service access to AWS compliance control reports?
A. AWS Config
B. Amazon GuardDuty
C. AWS Trusted Advisor
D. AWS Artifact
Suggested Answer: D

Question #: 504
484 # A web developer is concerned that a DDoS attack could target an application. Which AWS services or features can help protect against such an attack? (Choose two.)
A. AWS Shield
B. AWS CloudTrail
C. Amazon CloudFront
D. AWS Support Center
E. AWS Service Health Dashboard
Suggested Answer: AC
https://aws.amazon.com/shield/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc

Question #: 503
485 # Which AWS Trusted Advisor check is available to all AWS users?
A. Core checks
B. All checks
C. Cost optimization checks
D. Fault tolerance checks
Suggested Answer: A
https://aws.amazon.com/premiumsupport/plans/

Question #: 502
486 # A user has limited knowledge of AWS services, but wants to quickly deploy a scalable Node.js application in the AWS Cloud. Which service should be used to deploy the application?
A. AWS CloudFormation
B. AWS Elastic Beanstalk
C. Amazon EC2
D. AWS OpsWorks
Suggested Answer: B
https://aws.amazon.com/elasticbeanstalk/

Question #: 501
487 # Which tool can be used to create alerts when the actual or forecasted cost of AWS services exceeds a certain threshold?
A. Cost Explorer
B. AWS Budgets
C. AWS Cost and Usage Report
D. AWS CloudTrail
Suggested Answer: B
https://aws.amazon.com/getting-started/hands-on/control-your-costs-free-tier-budgets/

Question #: 500
488 # AnyCompany recently purchased Example Corp. Both companies use AWS resources, and AnyCompany wants a single aggregated bill. Which option allows AnyCompany to receive a single bill?
A. Example Corp. must submit a request to its AWS solutions architect or AWS technical account manager to link the accounts and consolidate billing.
B. AnyCompany must create a new support case in the AWS Support Center requesting that both bills be combined.
C. Send an invitation to join the organization from AnyCompany's AWS Organizations master account to Example Corp.
D. Migrate the Example Corp. VPCs, Amazon EC2 instances, and other resources into the AnyCompany AWS account.
Suggested Answer: C

Question #: 499
489 # A company is building an application that requires the ability to send, store, and receive messages between application components. The company has another requirement to process messages in first-in, first-out (FIFO) order. Which AWS service should the company use?
A. AWS Step Functions
B. Amazon Simple Notification Service (Amazon SNS)
C. Amazon Kinesis Data Streams
D. Amazon Simple Queue Service (Amazon SQS)
Suggested Answer: D
https://aws.amazon.com/sqs/faqs/

Question #: 498
490 # Which of the following tasks is required to deploy a PCI-compliant workload on AWS?
A. Use any AWS service and implement PCI controls at the application layer
B. Use an AWS service that is in-scope for PCI compliance and raise an AWS support ticket to enable PCI compliance at the application layer
C. Use any AWS service and raise an AWS support ticket to enable PCI compliance on that service
D. Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer
Suggested Answer: D

Question #: 497
491 # Under the AWS shared responsibility model, which of the following is the customer's responsibility?

A. Patching guest OS and applications
B. Patching and fixing flaws in the infrastructure
C. Physical and environmental controls
D. Configuration of AWS infrastructure devices
Suggested Answer: A

Question #: 496
492 # A company wants to ensure that AWS Management Console users are meeting password complexity requirements. How can the company configure password complexity?
A. Using an AWS IAM user policy
B. Using an AWS Organizations service control policy (SCP)
C. Using an AWS IAM account password policy
D. Using an AWS Security Hub managed insight
Suggested Answer: C
https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_passwords_account-policy.html

Question #: 495
493 # A company has a MySQL database running on a single Amazon EC2 instance. The company now requires higher availability in the event of an outage. Which set of tasks would meet this requirement?
A. Add an Application Load Balancer in front of the EC2 instance
B. Configure EC2 Auto Recovery to move the instance to another Availability Zone
C. Migrate to Amazon RDS and enable Multi-AZ
D. Enable termination protection for the EC2 instance to avoid outages
Suggested Answer: C

Question #: 494
494 # Which task requires the use of AWS account root user credentials?
A. The deletion of IAM users
B. The change to a different AWS Support plan
C. The creation of an organization in AWS Organizations
D. The deletion of Amazon EC2 instances
Suggested Answer: B

Question #: 493
495 # Which component must be attached to a VPC to enable inbound Internet access?
A. NAT gateway
B. VPC endpoint
C. VPN connection
D. Internet gateway
Suggested Answer: D

Question #: 492
496 # What tool enables customers without an AWS account to estimate costs for almost all AWS services?
A. Cost Explorer
B. TCO Calculator
C. AWS Budgets
D. Simple Monthly Calculator
Suggested Answer: D

Question #: 491
497 # Which AWS service can be used to provide an on-demand, cloud-based contact center?
A. AWS Direct Connect
B. Amazon Connect
C. AWS Support Center
D. AWS Managed Services
Suggested Answer: B

Question #: 490
498 # Which services can be used to deploy applications on AWS? (Choose two.)
A. AWS Elastic Beanstalk
B. AWS Config
C. AWS OpsWorks
D. AWS Application Discovery Service
E. Amazon Kinesis
Suggested Answer: AC
https://d0.awsstatic.com/whitepapers/overview-of-deployment-options-on-aws.pdf

Question #: 489
499 # A user is planning to migrate an application workload to the AWS Cloud. Which control becomes the responsibility of AWS once the migration is complete?
A. Patching the guest operating system
B. Maintaining physical and environmental controls
C. Protecting communications and maintaining zone security
D. Patching specific applications
Suggested Answer: B

Question #: 488
500 # Which service provides a user the ability to warehouse data in the AWS Cloud?
A. Amazon EFS
B. Amazon Redshift
C. Amazon RDS
D. Amazon VPC
Suggested Answer: A

501-525 DONE

Question #: 487
501 # Which AWS storage service is designed to transfer petabytes of data in and out of the cloud?
A. AWS Storage Gateway
B. Amazon S3 Glacier Deep Archive
C. Amazon Lightsail
D. AWS Snowball
Suggested Answer: D

Question #: 486
502 # A developer has been hired by a large company and needs AWS credentials.
A. Grant the developer access to only the AWS resources needed to perform the job.
B. Share the AWS account root user credentials with the developer.
C. Add the developer to the administrator's group in AWS IAM.
D. Configure a password policy that ensures the developer's password cannot be changed.
E. Ensure the account password policy requires a minimum length.
Suggested Answer: AE

Question #: 485
503 # Which of the following are benefits of using AWS Trusted Advisor? (Choose two.)
A. Providing high-performance container orchestration
B. Creating and rotating encryption keys
C. Detecting underutilized resources to save costs
D. Improving security by proactively monitoring the AWS environment
E. Implementing enforced tagging across AWS resources
Suggested Answer: CD

Question #: 484
504 # A cloud practitioner needs an Amazon EC2 instance to launch and run for 7 hours without interruptions. What is the most suitable and cost-effective option for this task?
A. On-Demand Instance
B. Reserved Instance
C. Dedicated Host
D. Spot Instance
Suggested Answer: A

Question #: 483
505 # A user has a stateful workload that will run on Amazon EC2 for the next 3 years. What is the MOST cost-effective pricing model for this workload?
A. On-Demand Instances
B. Reserved Instances
C. Dedicated Instances
D. Spot Instances
Suggested Answer: B

Question #: 482
506 # A user has underutilized on-premises resources. Which AWS Cloud concept can BEST address this issue?
A. High availability
B. Elasticity
C. Security
D. Loose coupling
Suggested Answer: B

Question #: 481
507 # Which AWS service can be used to track resource changes and establish compliance?
A. Amazon CloudWatch
B. AWS Config
C. AWS CloudTrail
D. AWS Trusted Advisor
Suggested Answer: B

Question #: 480
508 # A company has multiple data sources across the organization and wants to consolidate data into one data warehouse. Which AWS service can be used to meet this requirement?
A. Amazon DynamoDB
B. Amazon Redshift
C. Amazon Athena
D. Amazon QuickSight
Suggested Answer: B

Question #: 479
509 # What does the Amazon S3 Intelligent-Tiering storage class offer?
A. Payment flexibility by reserving storage capacity
B. Long-term retention of data by copying the data to an encrypted Amazon Elastic Block Store (Amazon EBS) volume
C. Automatic cost savings by moving objects between tiers based on access pattern changes
D. Secure, durable, and lowest cost storage for data archival
Suggested Answer: C

Question #: 478
510 # Which are benefits of using Amazon RDS over Amazon EC2 when running relational databases on AWS? (Choose two.)
A. Automated backups
B. Schema management
C. Indexing of tables
D. Software patching
E. Extract, transform, and load (ETL) management
Suggested Answer: AD

Question #: 477
511 # A company needs to process data from satellite communications without managing any infrastructure. Which AWS service should the company use to meet these requirements?

A. Amazon CloudWatch
B. Amazon Aurora
C. Amazon Athena
D. AWS Ground Station
Suggested Answer: D

Question #: 476
512 # The user is fully responsible for which action when running workloads on AWS?
A. Patching the infrastructure components
B. Implementing controls to route application traffic
C. Maintaining physical and environmental controls
D. Maintaining the underlying infrastructure components
Suggested Answer: B

Question #: 475
513 # What is a characteristic of Convertible Reserved Instances (RIs)?
A. Users can exchange Convertible RIs for other Convertible RIs from a different instance family.
B. Users can exchange Convertible RIs for other Convertible RIs in different AWS Regions.
C. Users can sell and buy Convertible RIs on the AWS Marketplace.
D. Users can shorten the term of their Convertible RIs by merging them with other Convertible RIs.
Suggested Answer: A

Question #: 474
514 # A company is designing an application. For the data persistence layer, the company wants to use a NoSQL database. Which AWS service should the company use for the database?
A. Amazon Redshift
B. AWS DataSync
C. Amazon Athena
D. Amazon DynamoDB
Suggested Answer: D

Question #: 473
515 # Performing operations as code is a design principle that supports which pillar of the AWS Well-Architected Framework?
A. Performance efficiency
B. Operational excellence
C. Reliability
D. Security
Suggested Answer: B

Question #: 472
516 # A company plans to run its IT infrastructure in the AWS Cloud. The infrastructure must be highly available. The company also must minimize the network latency between servers. Which deployment scenario will meet these requirements?
A. Deploy in multiple Availability Zones in multiple AWS Regions.
B. Deploy in one Availability Zone in one AWS Region
C. Deploy in multiple AWS Regions. Deploy in one Availability Zone in each Region.
D. Deploy in multiple Availability Zones in one AWS Region.
Suggested Answer: D

Question #: 471
517 # Which AWS service supports the analysis, investigation, and identification of the root cause of security events and suspicious activities in an AWS account?
A. Amazon Inspector
B. Amazon Macie
C. Amazon Detective
D. Amazon CloudWatch
Suggested Answer: C

Question #: 470
518 # Which AWS tools automatically forecast future AWS costs?
A. AWS Support Center
B. AWS Total Cost of Ownership (TCO) Calculator
C. AWS Simple Monthly Calculator
D. Cost Explorer
Suggested Answer: D

Question #: 469
519 # A company is piloting a new customer-facing application on Amazon Elastic Compute Cloud (Amazon EC2) for one month. What pricing model is appropriate?
A. Reserved Instances
B. Spot Instances
C. On-Demand Instances
D. Dedicated Hosts
Suggested Answer: C

Question #: 468
520 # Which AWS service allows for effective cost management of multiple AWS accounts?
A. AWS Organizations
B. AWS Trusted Advisor
C. AWS Direct Connect
D. Amazon Connect
Suggested Answer: A

Question #: 467
521 # A company wants to allow full access to an Amazon S3 bucket for a particular user. Which element in the S3 bucket policy holds the user details that describe who needs access to the S3 bucket?
A. Principal
B. Action
C. Resource
D. Statement
Suggested Answer:A

Question #: 466
522 # Which of the following assist in identifying costs by department? (Choose two.)
A. Using tags on resources
B. Using multiple AWS accounts
C. Using an account manager
D. Using AWS Trusted Advisor
E. Using Consolidated Billing
Suggested Answer:AB

Question #: 465
523 # Which of the following is an AWS value proposition that describes a user's ability to scale infrastructure based on demand?
A. Speed of innovation
B. Resource elasticity
C. Decoupled architecture
D. Global deployment
Suggested Answer: B

Question #: 464
524 # A company has a 500 TB image repository that needs to be transported to AWS for processing. Which AWS service can import this data MOST cost-effectively?
A. AWS Snowball
B. AWS Direct Connect
C. AWS VPN
D. Amazon S3
Suggested Answer:A

Question #: 463
525 # Which task is the responsibility of a company that is using Amazon RDS?
A. Provision the underlying infrastructure.
B. Create IAM policies to control administrative access to the service.
C. Install the cables to connect the hardware for compute and storage.
D. Install and patch the RDS operating system.
Suggested Answer: B

Question #461
526 # A company wants to protect resources that the company hosts on AWS, including Application Load Balancers and Amazon CloudFront distributions. The company wants an AWS service that can provide near real-time visibility into attacks on the company's resources. The service must also have a dedicated AWS team to assist with distributed denial of service (DDoS) attacks. Which AWS service will meet these requirements?
A. AWS WAF
B. AWS Shield Standard
C. Amazon Macie
D. AWS Shield Advanced
Correct Answer: D

Question #462
527 # Which AWS Support plan provides customers with access to an AWS technical account manager (TAM)?
A. AWS Basic Support
B. AWS Developer Support
C. AWS Business Support
D. AWS Enterprise Support
Correct Answer: D

Question #451
528 # Which AWS service provides recommendations to help users optimize costs and follow AWS best practices?
A. AWS Trusted Advisor
B. AWS Service Catalog
C. AWS Ground Station
D. Amazon GuardDuty
Correct Answer: A

Question #452
529 # Which AWS service provides a cloud-based contact center that scales to support a business of any size?
A. Amazon Personalize
B. Amazon Cognito
C. Amazon Connect
D. Amazon Lightsail
Correct Answer: C

Question #453
530 # A financial company needs to centrally manage its AWS accounts and use consolidated billing. Which AWS service or feature should the company use?
A. AWS Cost Explorer
B. AWS Organizations
C. AWS Billing and Cost Management
D. AWS Budgets
Correct Answer: B

Question #454
531 # A company is preparing for an audit and wants documentation that AWS complies with the Payment Card Industry Data Security Standard (PCI DSS). Where can the company find this documentation?
A. AWS Artifact
B. AWS Organizations
C. AWS Trusted Advisor
D. AWS Support Center
Correct Answer: A

Question #455
532 # A company stores data in an Amazon S3 bucket. Which task is the responsibility of AWS?
A. Configure an S3 Lifecycle policy.
B. Activate S3 Versioning.
C. Configure S3 bucket policies.
D. Protect the infrastructure that supports S3 storage.
Correct Answer: D

Question #456
533 # Which AWS service allows a user to provision a managed MySQL DB instance?
A. Amazon DynamoDB
B. Amazon Redshift
C. Amazon RDS
D. AWS Database Migration Service (AWS DMS)
Correct Answer: C

Question #457
534 # Which AWS service should a cloud practitioner use to receive real-time guidance for provisioning resources, based on AWS best practices related to security, cost optimization, and service limits?
A. AWS Trusted Advisor
B. AWS Config
C. AWS Security Hub
D. AWS Systems Manager
Correct Answer: A

Question #458
535 # Which statements represent the cost-effectiveness of the AWS Cloud? (Choose two.)
A. Users can trade fixed expenses for variable expenses.
B. Users can deploy all over the world in minutes.
C. AWS offers increased speed and agility.
D. AWS is responsible for patching the infrastructure.
E. Users benefit from economies of scale.
Correct Answer: AE

Question #459
536 # Which AWS service stores graph data in the form of vertices and edges?
A. Amazon DynamoDB
B. Amazon RDS
C. Amazon Quantum Ledger Database (Amazon QLDB)
D. Amazon Neptune
Correct Answer: D

Question #460
537 # When designing AWS workloads to be operational even when there are component failures, what is an AWS best practice?
A. Perform quarterly disaster recovery tests.
B. Place the main component on the us-east-1 Region.
C. Design for automatic failover to healthy resources.
D. Design workloads to fit on a single Amazon EC2 instance.
Correct Answer: C

Question #441
538 # A company wants to use the AWS Cloud to define its entire infrastructure as code. The company wants to limit human error and activate consistent responses to events. Which pillar of the AWS Well-Architected Framework does this plan support?
A. Security
B. Operational excellence
C. Cost optimization
D. Reliability
Correct Answer: B

Question #442
539 # A developer wants AWS users to access AWS services by using temporary security credentials. Which AWS service or feature should the developer use to provide these credentials?
A. IAM policies
B. IAM user groups
C. AWS Security Token Service (AWS STS)
D. AWS IAM Identity Center (AWS Single Sign-On)
Correct Answer: C

Question #443
540 # Which of the following is an architectural design principle of the AWS Well-Architected Framework?
A. Loosely couple components
B. Build monolithic systems
C. Scale vertically, not horizontally
D. Use third-party software
Correct Answer: A

Question #444
541 # What does the Amazon S3 Intelligent-Tiering storage class offer?
A. Payment flexibility by reserving storage capacity
B. Long-term retention of data by copying the data to an encrypted Amazon Elastic Block Store (Amazon EBS) volume
C. Automatic cost savings by moving objects between tiers based on access pattern changes
D. Secure, durable, and lowest cost storage for data archival
Correct Answer: C

Question #445
542 # How does the AWS Cloud help companies build agility into their processes and cloud infrastructure?
A. Companies can avoid provisioning too much capacity when they do not know how much capacity is required.
B. Companies can expand into new geographic regions.

C. Companies can access a range of technologies to experiment and innovate quickly.
D. Companies can pay for IT resources only when they use the resources.
Correct Answer: C

Question #446
543 # Which of the following is a recommended design principle of the AWS Well-Architected Framework?
A. Reduce downtime by making infrastructure changes infrequently and in large increments.
B. Invest the time to configure infrastructure manually.
C. Learn to improve from operational failures.
D. Use monolithic application design for centralization.
Correct Answer: C

Question #447
544 # An Availability Zone consists of:
A. one or more data centers in a single location.
B. two or more data centers in multiple locations.
C. one or more physical hosts in a single data center.
D. two or more physical hosts in multiple data centers.
Correct Answer: A

Question #448
545 # A company is designing a web application that will run on Amazon EC2 instances. Which AWS services and features will improve availability and reduce the impact of failures for this application? (Choose two.)
A. Amazon EC2 Auto Scaling for the EC2 instances
B. VPC subnet ACLs to check the health of a service
C. Resources that are distributed across multiple Availability Zones
D. Configuration of AWS Server Migration Service (AWS SMS) to move the EC2 instances to a different AWS Region
E. Resources that are distributed across multiple AWS points of presence
Correct Answer: AC

Question #449
546 # Which fully managed AWS service assists with the creation, testing, and management of custom Amazon EC2 images?
A. EC2 Image Builder
B. Amazon Machine Image (AMI)
C. AWS Launch Wizard
D. AWS Elastic Beanstalk
Correct Answer: A

Question #450
547 # Which of the following describes an AWS Region?
A. Specific location within a geographic area that provides high availability
B. Set of data centers spanning multiple countries
C. A global picture of a user's cloud computing environment
D. A collection of databases that can be accessed from a specific geographic area only
Correct Answer: A

Question #431
548 # Which of the following is included within the security pillar of the AWS Well-Architected Framework?
A. Identity federation
B. Data protection
C. Incident reporting
D. Disaster recovery
Correct Answer: B

Question #432
549 # A company has been storing monthly reports in an Amazon S3 bucket. The company exports the report data into comma-separated values (.csv) files. A developer wants to write a simple query that can read all of these files and generate a summary report. Which AWS service or feature should the developer use to meet these requirements with the LEAST amount of operational overhead?
A. Amazon S3 Select
B. Amazon Athena
C. Amazon Redshift
D. Amazon EC2
Correct Answer: B

Question #433
550 # A company wants the ability to accommodate peak application usage without purchasing equipment for on-premises data centers. Which AWS Cloud benefit is the company seeking?
A. High availability
B. Security
C. Reliability
D. Elasticity
Correct Answer: D

Question #434
551 # Which of the following are pillars of the AWS Well-Architected Framework? (Choose two.)
A. Availability
B. Reliability
C. Scalability
D. Responsive design
E. Operational excellence
Correct Answer: BE

Question #435
552 # Which AWS service provides highly durable object storage?
A. Amazon S3
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon FSx
Correct Answer: A

Question #436
553 # A company needs to migrate all of its development teams to a cloud-based integrated development environment (IDE). Which AWS service should the company use?
A. AWS CodeBuild
B. AWS Cloud9
C. AWS OpsWorks
D. AWS Cloud Development Kit (AWS CDK)
Correct Answer: B

Question #437
554 # Which AWS database service providers in-memory data storage?
A. Amazon DynamoDB
B. Amazon ElastiCache
C. Amazon RDS
D. Amazon Timestream
Correct Answer: B

Question #438
555 # A company needs a content delivery network that provides secure delivery of data, videos, applications, and APIs to use rs globally with low latency and high transfer speeds. Which AWS service meets these requirements?
A. Amazon CloudFront
B. Elastic Load Balancing
C. Amazon S3
D. Amazon Elastic Transcoder
Correct Answer: A

Question #439
556 # Which of the following are design principles for reliability in the AWS Cloud? (Choose two.)
A. Build architectures with tightly coupled resources.
B. Use AWS Trusted Advisor to meet security best practices.
C. Use automation to recover immediately from failure.
D. Right size Amazon EC2 instances to ensure optimal performance.
E. Simulate failures to test recovery processes.
Correct Answer: CE

Question #440
557 # Which AWS service is a cloud security posture management (CSPM) service that aggregates alerts from various AWS service s and partner products in a standardized format?
A. AWS Security Hub
B. AWS Trusted Advisor
C. Amazon EventBridge
D. Amazon GuardDuty
Correct Answer: A

Question #421
558 # A company simulates workflows to review and validate that all processes are effective and that staff are familiar with the processes. Which design principle of the AWS Well-Architected Framework is the company following with this practice?
A. Perform operations as code.
B. Refine operation procedures frequently.
C. Make frequent, small, reversible changes.
D. Structure the company to support business outcomes.
Correct Answer: B

Question #422
559 # Which AWS services or resources can a company use directly on its on-premises servers? (Choose two.)
A. AWS OpsWorks
B. AWS CloudFormation
C. AWS Storage GatewayMost VotedMost Voted
D. Application Load Balancer
E. Amazon Cognito
Correct Answer: AC

Question #423
560 # According to the AWS shared responsibility model, the customer is responsible for applying the latest security updates and patches for which of the following?
A. Amazon DynamoDB
B. Amazon EC2 instances
C. Amazon RDS instances
D. Amazon S3
Correct Answer: B

Question #424
561 # Which cloud computing advantage is a company applying when it uses AWS Regions to increase application availability to users in different countries?
A. Pay-as-you-go pricing
B. Capacity forecasting
C. Economies of scale
D. Global reach
Correct Answer: D

Question #425
562 # Which option is an advantage of AWS Cloud computing that minimizes variable costs?
A. High availability
B. Economies of scale
C. Global reach
D. Agility
Correct Answer: B

Question #426
563 # Which action will help increase security in the AWS Cloud?
A. Enable programmatic access for all IAM users.
B. Use IAM users instead of IAM roles to delegate permissions.
C. Rotate access keys on a reoccurring basis.
D. Use inline policies instead of customer managed policies.
Correct Answer: C

Question #427
564 # A user wants to transport data between AWS and an on-premises environment using a private network connection. Which AWS service or feature can be used to meet these requirements?
A. NAT gateway
B. AWS Direct Connect
C. Amazon VPC
D. Internet gateway
Correct Answer: B

Question #428

565 # Which AWS service can serve a static website?
A. Amazon S3
B. Amazon Route 53
C. Amazon QuickSight
D. AWS X-Ray
Correct Answer: A

Question #429
566 # Which design principles are enabled by the AWS Cloud to improve the operation of workloads? (Choose two.)
A. Minimize upfront design
B. Loose coupling
C. Disposable resources
D. Server design and concurrency
E. Minimal viable product
Correct Answer: BC

Question #430
567 # A large company has a workload that requires hardware to remain on premises. The company wants to use the same management and control plane services that it currently uses on AWS. Which AWS service should the company use to meet these requirements?
A. AWS Device Farm
B. AWS Fargate
C. AWS Outposts
D. AWS Ground Station
Correct Answer: C

Question #411
568 # Which of the following is one of the pillars of the AWS Well-Architected Framework?
A. Efficiency and redundancy
B. High availability
C. Operational excellence
D. Business optimization
Correct Answer: C

Question #412
569 # A company has multiple departments. The company must charge each department for its exact AWS Cloud usage, including data transfer costs. How can the company determine these costs by department?
A. Use one AWS account for each department.
B. Use cost allocation tags on services that are used the most often.
C. Use AWS Trusted Advisor.
D. Use Savings Plans.
Correct Answer: B

Question #413
570 # An ecommerce company has Amazon EC2 instances running as web servers. There is a predictable pattern of peak traffic load that occurs two times each day, always at the same time. The EC2 instances are idle for the remainder of the day. What is the MOST cost-effective way to manage these resources while maintaining fault tolerance?
A. Use an Auto Scaling group to scale resources in and out based on demand.
B. Purchase Reserved Instances to ensure peak capacity at all times.
C. Write a cron job to stop the EC2 instances when the traffic demand is low.
D. Write a script to vertically scale the EC2 instances during peak traffic demand.
Correct Answer: A

Question #414
571 # A company wants to integrate its online shopping website with social media login credentials. Which AWS service can the company use to make this integration?
A. AWS Directory Service
B. AWS Identity and Access Management (IAM)
C. Amazon Cognito
D. AWS IAM Identity Center (AWS Single Sign-On)
Correct Answer: C

Question #415
572 # A company needs to create graphs that show historical and current costs for the company's AWS account. Which AWS service or tool provides this functionality?
A. AWS Config
B. AWS Cost and Usage Report
C. AWS Budgets
D. AWS Cost Explorer
Correct Answer: D

Question #416
573 # A company acquired another corporation. The company now has two AWS accounts. Which AWS service or tool can the company use to consolidate the billing for these two accounts?
A. AWS Systems Manager
B. AWS Organizations
C. AWS License Manager
D. Cost Explorer
Correct Answer: B

Question #417
574 # Which AWS Support plans provide a complete set of AWS Trusted Advisor checks?
A. AWS Business Support and AWS Basic Support
B. AWS Enterprise Support and AWS Business Support
C. AWS Enterprise Support and AWS Developer Support
D. AWS Business Support and AWS Developer Support
Correct Answer: B

Question #418
575 # Which of the following is a method for building a highly available application on AWS?
A. Place an Independent copy of the application in two or more Availability Zones.
B. Place codependent components of the application in two or more Availability Zones
C. Run one version of the application in one Availability Zone and run an earlier version of the application in a second Availability Zone.
D. Deploy two copies of the application in a single Availability Zone.
Correct Answer: A

576-600 DONE

Question #419
576 # Which statement is an AWS Cloud best practice that focuses on the elasticity and agility of cloud computing?
A. Provision capacity based on past usage and theoretical peaks.
B. Dynamically scale to meet usage demands.
C. Build the application and infrastructure in a data center that grants physical access.
D. Break apart the application into loosely coupled components.
Correct Answer: B

Question #420
577 # Which AWS service could an administrator use to provide desktop environments for several employees?
A. AWS Organizations
B. AWS Fargate
C. AWS WAF
D. AWS Workspaces
Correct Answer: D

Question #401
578 # Where can AWS users review answers to frequently asked questions about security in the AWS Cloud?
A. AWS Trusted Advisor
B. AWS Knowledge Center
C. AWS Support Center
D. AWS Artifact
Correct Answer: B

Question #402
579 # Which AWS service or feature can a company use to estimate AWS costs before provisioning workloads?
A. AWS Pricing Calculator
B. AWS Cost and Usage Report
C. Cost Explorer
D. AWS Budgets
Correct Answer: A

Question #403
580 # An application that is hosted on Amazon EC2 has a steady and consistent workload. The application will operate for at least 1 year. What is the MOST cost-effective instance purchasing option to meet these requirements?
A. Spot Instances
B. Reserved Instances
C. On-Demand Instances
D. Dedicated Hosts
Correct Answer: B

Question #404
581 # A company needs to use dashboards and charts to analyze insights from business data. Which AWS service will provide the dashboards and charts for these insights?
A. Amazon Macie
B. Amazon Aurora
C. Amazon QuickSight
D. AWS CloudTrail
Correct Answer: C

Question #405
582 # Which of the following are security principles in the AWS Well-Architected Framework? (Choose two.)
A. Analyze and attribute expenditures.
B. Monitor, alert, and audit actions and changes to AWS resources.
C. Deploy globally in minutes.
D. Protect data in transit and at rest.
E. Perform operations as code.
Correct Answer: BD

Question #406
583 # A company moves its infrastructure from on premises to the AWS Cloud. The company can now provision additional Amazon EC2 instances whenever the instances are required. With this ability, the company can launch new marketing campaigns in 3 days instead of 3 weeks. Which benefit of the AWS Cloud does this scenario demonstrate?
A. Cost savings
B. Improved operational resilience
C. Increased business agility
D. Enhanced security
Correct Answer: C

Question #407
584 # A company wants to design a reliable web application that is hosted on Amazon EC2. Which approach will achieve this goal?
A. Launch large EC2 instances in the same Availability Zone
B. Spread EC2 instances across more than one security group
C. Spread EC2 instances across more than one Availability Zone.
D. Use an Amazon Machine Image (AMI) from AWS Marketplace.
Correct Answer: C

Question #408
585 # Which AWS service should a company use to provision, manage, and deploy SSL/TLS certificates?
A. AWS Secrets Manager
B. Amazon Inspector
C. AWS CodeDeploy
D. AWS Certificate Manager (ACM)
Correct Answer: D

Question #409
586 # A company provides Amazon Workspaces to its remote employees. The company wants to prevent employees from using their virtual desktops to visit specific websites that are known to be malicious. Which AWS service should the company use to meet this requirement?
A. AWS Shield Advanced
B. Amazon Route 53
C. Amazon GuardDuty
D. AWS Network Firewall
Correct Answer: D

Question #410
587 # A company wants to build an application that uses AWS Lambda to run Python code. Under the AWS shared responsibility model, which tasks will be the company's responsibility? (Choose two.)
A. Management of the underlying infrastructure
B. Management of the operating system.
C. Writing the business logic code.
D. Installation of the computer language runtime.
E. Providing AWS Identity and Access Management (1AM) access to the Lambda service.
Correct Answer: cE

Question #391
588 # A large retail company wants to use an AWS service to process clickstream data from the company's ecommerce website. The company wants to collect and analyze the streaming data in real time. Which AWS service meets these requirements?
A. Amazon Kinesis
B. Amazon Athena
C. Amazon CloudFront
D. AWS Data Exchange
Correct Answer: A

Question #392
589 # Which pillar of the AWS Well-Architected Framework focuses on the return on investment of moving into the AWS Cloud?
A. Sustainability
B. Cost optimization
C. Operational excellence
D. Reliability
Correct Answer: B

Question #393
590 # A company is developing an application that the company will host on Amazon EC2 instances. The application must be available 24 hours a day, 7 days a week. The company needs a scalable, highly available cloud architecture to support the application. Which guidelines should the company apply in its design to meet these requirements? (Choose two.)
A. Use EC2 Spot Instances
B. Use Multi-AZ deployments.
C. Use Auto Scaling groups.
D. Use AWS Backup.
E. Use EC2 Reserved Instances.
Correct Answer: BC

Question #394
591 # Which AWS service helps users audit API activity across their AWS account?
A. AWS CloudTrail
B. Amazon Inspector
C. AWS WAF
D. AWS Config
Correct Answer: A

Question #395
592 # Which AWS service should a company use to create a serverless workflow?
A. Amazon Connect
B. AWS Lambda
C. AWS Step Functions
D. Amazon Elastic Block Store (Amazon EBS)
E. AWS CodeBuild
Correct Answer: C

Question #396
593 # A company wants to build a data analytics application that uses Amazon Redshift. The company needs a cost estimate for its future Amazon Redshift usage. Which AWS tool will provide a high-level cost estimation?
A. AWS Budgets

B. AWS Pricing Calculator
C. AWS Cost Explorer
D. Saving Plans
Correct Answer: B

Question #397
594 # A company is using Amazon EC2 instances. Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Choose two.)
A. Choose the initial root password of new Linux instances.
B. Identify which users can access the EC2 instances, and manage their permissions in the operating system.
C. Apply the updates of the hypervisor where the EC2 instances are running.
D. Choose between a Wi-Fi connection and an Ethernet connection for the global internet access.
E. Identify and manage the users who are allowed to create or delete EC2 instances.
Correct Answer: BE

Question #398
595 # Which AWS service gives users the ability to run AWS services on premises?
A. Amazon CloudFront
B. AWS Outposts
C. AWS Global Accelerator
D. Amazon VPC
Correct Answer: B

Question #399
596 # Which guideline is a well-architected design principle tor building cloud applications?
A. Keep static data closer to compute resources.
B. Provision resources for peak capacity.
C. Design for automated recovery from failure.
D. Use tightly coupled components.
Correct Answer: C

Question #400
597 # Which actions are examples of a company's effort to rightsize its AWS resources to control cloud costs? (Choose two.)
A. Switch from Amazon RDS to Amazon DynamoDB to accommodate NoSQL datasets.
B. Base the selection of Amazon EC2 instance types on past utilization patterns.
C. Use Amazon S3 Lifecycle policies to move objects that users access infrequently to lower-cost storage tiers.
D. Use Multi-AZ deployments for Amazon RDS.
E. Replace existing Amazon EC2 instances with AWS Elastic Beanstalk.
Correct Answer: BC

Question #381
598 # A company is using AWS Identity and Access Management (IAM). Who can manage the access keys of the AWS account root use?
A. IAM users in the same account that have been granted permission
B. IAM roles in any account that have been granted permission
C. IAM users and roles that have been granted permission
D. The AWS account owner
Correct Answer: D

Question #382
599 # A company needs a managed NFS file system that the company can use with its AWS compute resources. Which AWS service or feature will meet these requirements?
A. Amazon Elastic Block Store (Amazon EBS)
B. AWS Storage Gateway Tape Gateway
C. Amazon S3 Glacier Flexible Retrieval
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: D

Question #383
600 # What is the security best practice concerning sensitive data stored in Amazon S3?
A. Enable cross-Region replication on the S3 bucket.
B. Enable S3 server-side encryption on the S3 bucket.
C. Configure AWS WAF to prevent unauthorized access to the S3 bucket.
D. Configure Amazon GuardDuty to prevent unauthorized access to the S3 bucket.
Correct Answer: B

601-625 DONE

16 September 2023   14:24

Question #384
601 # An application requires a database that offers consistent performance and latency that can be measured in single-digit milliseconds. Which AWS service meets these requirements?
A. Amazon DynamoDB
B. Amazon RDS
C. Amazon Redshift
D. Amazon EMR
Correct Answer: A

Question #385
602 # A company needs to block SQL injection attacks. Which AWS service or feature provides this functionality?
A. AWS WAF
B. Network ACLs
C. Security groups
D. AWS Trusted Advisor
Correct Answer: A

Question #386
603 # A company wants its Amazon EC2 instances to operate in a highly available environment, even if there is a natural disaster in a particular geographic areA. Which solution achieves this goal?
A. Use EC2 instances in a single Availability Zone
B. Use EC2 instances in multiple AWS Regions
C. Use EC2 instances in multiple edge locations.
D. Use Amazon CloudFront with the EC2 instances configured as the source.
Correct Answer: B

Question #387
604 # Treating infrastructure as code in the AWS Cloud allows users to:
A. automate migration of on-premises hardware to AWS data centers.
B. let a third party automate an audit of the AWS infrastructure.
C. turn over application code to AWS so it can run on the AWS infrastructure.
D. automate the infrastructure provisioning process.
Correct Answer: D

Question #388
605 # A company needs to apply security rules to specific Amazon EC2 instances. Which AWS service or feature provides this functionality?
A. AWS WAF
B. Network ACLs
C. Amazon VPC
D. Security groups
Correct Answer: D

Question #389
606 # A company wants to run Amazon EC2 instances in locations that are near the company's global users. Which aspect of the AWS environment will support this requirement?
A. Availability Zone
B. Edge locations
C. AWS Regions
D. Regional edge caches
Correct Answer: C

Question #390
607 # A company's project team needs to simultaneously mount a file system on multiple Amazon EC2 Linux instances. The file system also will be shared across multiple Availability Zones. Which AWS service will meet these requirements?
A. Amazon Elastic File System (Amazon EFS)
B. Amazon S3
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon FSx for Windows File Server
Correct Answer: A

Question #371
608 # A company has a set of ecommerce applications. The applications need to be able to send messages to each other. Which AWS service meets this requirement?
A. AWS Auto Scaling
B. Elastic Load Balancing
C. Amazon Simple Queue Service (Amazon SQS)
D. Amazon Kinesis Data Streams
Correct Answer: C

Question #372
609 # A company wants to receive alerts when resources that are launched in the company's AWS account reach 80% of their service quotas. Which AWS service should the company use to meet this requirement?
A. AWS CloudTrail
B. AWS Trusted Advisor
C. AWS Config
D. Amazon Inspector
Correct Answer: B

Question #373
610 # Which pillar of the AWS Well-Architected Framework is focused on the ability of a workload to perform its intended function correctly and consistently at the expected time?
A. Performance efficiency
B. Operational excellence
C. Reliability
D. Security
Correct Answer: C

Question #374
611 # Which AWS tool acts as a firewall to control traffic in and out of subnets within a VPC?
A. Security group
B. Route table
C. VPC endpoint
D. Network access control list (ACL)
Correct Answer: D

Question #375
612 # A company is running a standard PostgreSQL database on premises. The company is migrating the database to the AWS Cloud and does not want to change the queries that access the database. The company must maximize the query performance. Which AWS service will meet these requirements?
A. Amazon RDS for PostgreSQL
B. Amazon Aurora PostgreSQL
C. Amazon DocumentDB (with MongoDB compatibility)
D. Amazon DynamoDB
Correct Answer: B

Question #376
613 # A company needs to use machine learning and pattern matching to identify and protect sensitive data that the company stores in the AWS Cloud. Which AWS service will meet these requirements?
A. Amazon Inspector
B. Amazon Macie
C. Amazon GuardDuty
D. AWS Audit Manager
Correct Answer: B

Question #377
614 # A company wants to offer direct phone and chat channels for customer service. The company needs a pay-as-you-go solution that remote customer service agents can use to create and manage voice and chat contact flows. Which AWS service will meet these requirements?
A. Amazon EventBridge (Amazon CloudWatch Events)
B. Amazon Connect
C. Amazon Cognito
D. AWS Direct Connect
Correct Answer: B

Question #378
615 # A company has acquired several other companies. All the companies host their IT infrastructure in the AWS Cloud. Which AWS service should the acquiring company use to centralize the account management?
A. AWS Systems Manager
B. AWS Organizations
C. AWS Security Hub
D. Amazon Workspaces
Correct Answer: B

Question #379
616 # A company is using AWS for all its IT infrastructure. The company's developers are allowed to deploy applications on their own. The developers want to deploy their applications without having to provision the infrastructure themselves. Which AWS service should the developers use to meet these requirements?
A. AWS Cloud Formation
B. AWS CodeBuild
C. AWS Elastic Beanstalk
D. AWS CodeDeploy
Correct Answer: C

Question #380
617 # A company needs to analyze its AWS Cloud environment to determine whether the company is following security best practices. The company wants recommendations about how to close security gaps. Which AWS service should the company use to obtain these recommendations?
A. AWS WAF
B. AWS Systems Manager
C. AWS Trusted Advisor
D. AWS Shield
Correct Answer: C

Question #361
618 # Which AWS service or tool lists all the users in an account and reports on the status of account details, including passwords, access keys, and multi-factor authentication (MFA) devices?
A. AWS Shield
B. AWS Trusted Advisor
C. Amazon Inspector
D. IAM credential report
Correct Answer: D

Question #362
619 # Which AWS service offers threat detection and continuously monitors for malicious activity and unauthorized behavior in AWS accounts?
A. Amazon Macie
B. AWS Config
C. Amazon GuardDuty
D. Amazon Inspector
Correct Answer: C

Question #363
620 # A company needs to use Amazon S3 to store audio files that are each 5 megabytes in size. The company will rarely access the files, but the company must be able to retrieve the files immediately. Which S3 storage class will meet these requirements MOST cost-effectively?
A. S3 Standard
B. S3 Standard-Infrequent Access (S3 Standard-IA)
C. S3 Glacier Flexible Retrieval
D. S3 Glacier Deep Archive
Correct Answer: B

Question #364
621 # A user wants to control AWS services by using the AWS CLI. What are the MINIMUM security credentials that the user needs to achieve this goal?
A. AWS account user name and password
B. Multi-factor authentication (MFA)
C. Access keys
D. Key pairs
Correct Answer: C

Question #365
622 # A company has stopped all of its Amazon EC2 instances but monthly billing charges continue to occur.What could be causing this? (Choose two.)
A. Amazon Elastic Block Store (Amazon EBS) storage charges
B. Operating system charges
C. Hardware charges
D. Elastic IP charges
E. Input/output (I/O) charges
Correct Answer: AD

Question #366
623 # A company has set up its IT infrastructure in the AWS Cloud. The company wants to receive detailed reports that break down AWS costs by the hour. The reports must be placed in an Amazon S3 bucket. Which AWS tool will meet these requirements?
A. AWS Cost and Usage Reports
B. AWS Pricing Calculator
C. Cost Explorer
D. AWS Budgets
Correct Answer: A

Question #367
624 # Which AWS service or feature enables users to block the incoming or outgoing traffic associated with specific IP addresses flowing through a VPC?
A. Network ACLs
B. Security groups
C. AWS Identity and Access Management (IAM)
D. AWS WAF
Correct Answer: A

Question #368
625 # What is the customer ALWAYS responsible for managing, according to the AWS shared responsibility model?
A. Software licenses
B. Networking
C. Customer data
D. Encryption keys
Correct Answer: C

Question #369
626 # Which Reserved Instance (RI) provides the HIGHEST average cost savings compared to an On-Demand Instance?
A. 1-year, No Upfront, Standard RI
B. 1-year, All Upfront, Convertible RI
C. 3-year, All Upfront, Standard RI
D. 3-year, No Upfront, Convertible RI
Correct Answer: C

Question #370
627 # Elasticity in the AWS Cloud refers to which of the following? (Choose two.)
A. How quickly an Amazon EC2 instance can be restarted
B. The ability to rightsize resources as demand shifts
C. The maximum amount of RAM an Amazon EC2 instance can use
D. The pay-as-you-go billing model
E. How easily resources can be procured when they are needed
Correct Answer: BE

Question #351
628 # A company is planning to build a workload in the AWS Cloud. The company needs to estimate the costs of the network, compute, storage, and database for the workload. Which AWS service or tool should the company use to generate this estimate?
A. AWS Budgets
B. AWS Organizations
C. Cost Explorer
D. AWS Pricing Calculator
Correct Answer: D

Question #352
629 # A user is a new AWS account owner who has no special access requirements. What should this user do with the AWS account root user access keys?
A. Share the keys with all relevant internal users so that those users can programmatically access AWS services.
B. Post the keys on GitHub to provide development teams with access to AWS services.
C. Use the keys for access, but do not share the keys with anyone.
D. Delete the keys and create IAM users.
Correct Answer: D

Question #353
630 # Which AWS service allows for file sharing between multiple Amazon EC2 instances?
A. AWS Direct Connect
B. AWS Snowball Edge
C. AWS Backup
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: D

Question #354
631 # A company is running and managing its own Docker environment on Amazon EC2 instances. The company wants an alternative to help manage cluster size, scheduling, and environment maintenance. Which AWS service meets these requirements?
A. AWS Lambda
B. Amazon RDS
C. AWS Fargate
D. Amazon Athena
Correct Answer: C

Question #355
632 # Which databases are available on Amazon RDS? (Choose two.)
A. Sybase
B. Microsoft SQL Server
C. IBM Db2
D. MongoDB
E. PostgreSQL
Correct Answer: BE

Question #356
633 # Which Amazon S3 feature or storage class uses the AWS backbone network and edge locations to reduce latencies from the end user to Amazon S3?
A. S3 Cross-Region Replication
B. S3 Transfer Acceleration
C. S3 Event Notifications
D. S3 Standard-Infrequent Access (S3 Standard-IA)
Correct Answer: B

Question #357
634 # Which design principles of the AWS Well-Architected Framework help increase reliability? (Choose two.)
A. Automatically recover from failure.
B. Enable traceability.
C. Scale horizontally to increase workload availability.
D. Automate security best practices.
E. Keep people away from datA.
Correct Answer: AC

Question #358
635 # Management at a large company wants to avoid long-term contracts and is interested in AWS to move from fixed costs to variable costs. What is the value proposition of AWS for this company?
A. Economy of scale
B. Pay-as-you-go pricing
C. Volume discounts
D. Cost optimization
Correct Answer: B

Question #359
636 # Which AWS service should a company use to decouple large monolithic applications into smaller microservices components?
A. AWS Direct Connect
B. Amazon Lightsail
C. Amazon Simple Queue Service (Amazon SQS)
D. Amazon CloudWatch
Correct Answer: C

Question #360
637 # A company's system administrator discovers that someone logged in to the company's AWS account during the weekend and terminated an Amazon EC2 instance. Which AWS service should the system administrator use to identify who made this change?
A. Amazon Inspector
B. Amazon Pinpoint
C. AWS CloudTrail
D. AWS Trusted Advisor
Correct Answer: C

Question #341
638 # A company uses a database that has a simple sign-up page to create users, and a basic login form to authenticate users so they can access the database. The company wants to give users the ability to store personal information, but user access must be controlled in a more secure and reliable way. Which AWS service or feature will meet these requirements?
A. Security groups
B. Amazon GuardDuty
C. AWS Secrets Manager
D. Amazon Cognito
Correct Answer: D

Question #342
639 # A company is running multiple workloads in the AWS Cloud and recently began investigating ways to reduce costs. The company is already running fault-tolerant workloads on Amazon EC2 that perform periodic checkpoints in case of an outage. Which AWS service or pricing model can provide the GREATEST cost savings?
A. Capacity Reservations
B. Amazon Lightsail
C. Spot Instances
D. Dedicated Hosts
Correct Answer: C

Question #343
640 # A company is undergoing a security audit. The audit includes security validation and compliance validation of the AWS infrastructure and services that the company uses. The auditor needs to locate compliance-related information and must download AWS security and compliance documents. These documents include the System and Organization Control (SOC) reports. Which AWS service or group can provide these documents?
A. AWS Abuse team
B. AWS Artifact
C. AWS Support
D. AWS Config
Correct Answer: B

Question #344
641 # Which of the following are design principles of the reliability pillar of the AWS Well-Architected Framework? (Choose two.)
A. Perform operations as code.
B. Stop guessing capacity.
C. Adopt serverless architecture whenever possible.
D. Use build and deployment management systems.
E. Make changes to infrastructure by using automation.
Correct Answer: BE

Question #345
642 # A company needs to perform data processing once a week that typically takes about 5 hours to complete. Which AWS service should the company use for this workload?
A. AWS Lambda
B. Amazon EC2
C. AWS CodeDeploy
D. AWS Wavelength
Correct Answer: B

Question #346
643 # A company is developing a new web application. The company must give users the ability to log in to the application through social identity providers. Which AWS service will meet these requirements?
A. AWS Directory Service
B. Amazon Cognito

C. AWS Identity and Access Management (IAM)
D. AWS Single Sign-On
Correct Answer: B

Question #347
644 # According to the AWS shared responsibility model, which activities are the customer's responsibility for security in the AWS Cloud? (Choose two.)
A. Hardware maintenance
B. Amazon EC2 operating system patching
C. API access control for AWS resources
D. Configuration management of infrastructure devices
E. Maintenance of an Availability Zone
Correct Answer: BC

Question #348
645 # Which service is an AWS in-memory data store service?
A. Amazon Aurora
B. Amazon RDS
C. Amazon DynamoDB
D. Amazon ElastiCache
Correct Answer: D

Question #349
646 # Which duty is a responsibility of AWS under the AWS shared responsibility model?
A. Identity and access management
B. Server-side encryption (SSE)
C. Firewall configuration
D. Maintaining physical hardware
Correct Answer: D

Question #350
647 # Which guidelines are key AWS architectural design principles? (Choose two.)
A. Design for fixed resources.
B. Build scalable architectures.
C. Use tightly coupled components.
D. Use managed services when possible.
E. Design for human interaction.
Correct Answer: BD

Question #331
648 # Which pillar of the AWS Well-Architected Framework includes the continual improvement of processes and procedures as a priority?
A. Cost optimization
B. Reliability
C. Performance efficiency
D. Operational excellence
Correct Answer: D

Question #332
649 # Which of the following consists of one or more isolated data centers in the same regional area that are interconnected through low-latency networks?
A. Availability Zone
B. Edge location
C. AWS Region
D. Private networking
Correct Answer: A

Question #333
650 # Which AWS service or resource helps on-premises applications connect to AWS Cloud-based storage and caches the data locally for low-latency access?
A. AWS Direct Connect
B. AWS Storage Gateway
C. Amazon S3
D. AWS Snowball Edge
Correct Answer: B

Question #334
651 # Which AWS service or feature enables users to get one bill and easily track charges for multiple AWS accounts?
A. AWS Organizations
B. Cost Explorer
C. AWS Trusted Advisor
D. AWS Management Console
Correct Answer: A

Question #335
652 # A company has a global website with static content. Which AWS service will deliver the static content with low latency?
A. AWS Lambda
B. Amazon CloudFront
C. Amazon EC2 Auto Scaling
D. AWS Compute Optimizer
Correct Answer: B

Question #336
653 # Which AWS service provides alerts when an AWS event may impact a company's AWS resources?
A. AWS Personal Health Dashboard
B. AWS Service Health Dashboard
C. AWS Trusted Advisor
D. AWS Infrastructure Event Management
Correct Answer: A

Question #337
654 # A company manages an on-premises MySQL database on a Windows server. The company wants to migrate the database to AWS and needs a solution that will reduce the administrative overhead of the database. Which AWS service will meet this requirement?
A. Amazon Redshift
B. Amazon ElastiCache
C. Amazon RDS
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: C

Question #338
655 # Which AWS service can be used to provide an on-demand, cloud-based contact center?
A. AWS Direct Connect
B. Amazon Connect
C. AWS Support Center
D. AWS Managed Services
Correct Answer: B

Question #339
656 # Which benefit of cloud computing gives a company the ability to deploy applications to users all over the world through a network of AWS Regions, Availability Zones, and edge locations?
A. Economy of scale
B. Global reach
C. Agility
D. High availability
Correct Answer: B

Question #340
657 # Which AWS service is a relational database compatible with MySQL and PostgreSQL?
A. Amazon Redshift
B. Amazon DynamoDB
C. Amazon Aurora
D. Amazon Neptune
Correct Answer: C

Question #321
658 # An ecommerce company has deployed a new web application on Amazon EC2 instances. The company wants to distribute incoming HTTP traffic evenly across all running instances. Which AWS service or resource will meet this requirement?
A. Amazon EC2 Auto Scaling
B. Application Load Balancer
C. Gateway Load Balancer
D. Network Load Balancer
Correct Answer: B

Question #322
659 # Which of the following are advantages of moving from on premises to the AWS Cloud? (Choose two.)
A. Trade variable expenses for capital expenses.
B. Eliminate costs related to running and maintaining data centers.
C. Benefit from massive economies of scale.
D. Eliminate the need to tram IT staff.
E. Gam the ability to reserve capacity for 7 years or more.
Correct Answer: CB

Question #323
660 # A company is using an Amazon RDS database to run reports that are input/output (I/O) intensive. Which AWS service can be used to improve the database performance?
A. Amazon DynamoDB Accelerator (DAX)
B. Amazon EMR
C. Amazon ElastiCache
D. Amazon Redshift
Correct Answer: C

Question #324
661 # Which AWS service provides automated backups of data by default?
A. Amazon S3
B. Amazon Aurora
C. Amazon ElastiCache for Memcached
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: B

Question #325
662 # Which AWS service is a fully hosted version control service?
A. AWS CodeCommit
B. AWS CodeBuild
C. AWS CodeDeploy
D. AWS CodeStar
Correct Answer: A

Question #326
663 # A company is using Amazon RDS. Which task is the company's responsibility, according to the AWS shared responsibility model?
A. Apply encryption options for the database.
B. Manage the underlying server hardware on which Amazon RDS runs.
C. Apply patches to the underlying operating system.
D. Apply minor patches to the database.
Correct Answer: A

Question #327
664 # A company recently created its first AWS account. Which AWS services will require the use of a VPC? (Choose two.)
A. Amazon S3
B. Amazon Elastic File System (Amazon EFS)
C. Amazon Cognito
D. Amazon DynamoDB
E. Amazon EC2
Correct Answer: EB

Question #328
665 # A user has an AWS account with a Business-level AWS Support plan and needs assistance with handling a production service disruption. Which action should the user take?
A. Contact the dedicated AWS technical account manager (TAM).
B. Contact the dedicated AWS Concierge Support team.
C. Open a business-critical system down support case.
D. Open a production system down support case.
Correct Answer: D

Question #329
666 # A company is using Amazon EC2 instances. Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Choose two.)
A. Maintain the network infrastructure.
B. Patch the guest operating system.
C. Configure a security group on deployed EC2 instances.
D. Provide physical security for the underlying hardware of the EC2 instances.
E. Manage the underlying hypervisor.
Correct Answer: BC

Question #330
667 # Which of the following does Amazon CloudFront use to distribute content to users around the world?
A. Amazon VPC
B. AWS Local Zones

C. Edge locations
D. Availability Zones
Correct Answer: C

Question #311
668 # A company needs an AWS Support plan that provides programmatic case management through the AWS Support API. Which support plan will meet this requirement MOST cost-effectively?
A. AWS Business Support
B. AWS Basic Support
C. AWS Developer Support
D. AWS Enterprise Support
Correct Answer: A

Question #312
669 # A company that operates in the AWS Cloud wants to test workloads and team responses to simulated events. The company will conduct an exercise to identify potential issues that need to be addressed. Which design principle of the AWS WellArchitected Framework does this exercise represent?
A. Anticipate failure.
B. Automatically recover from failure.
C. Measure overall cost efficiency.
D. Implement loosely coupled dependencies.
Correct Answer: A

Question #313
670 # Which AWS services provide high availability across multiple Availability Zones by default? (Choose two.)
A. Amazon EC2
B. Amazon Elastic Block Store (Amazon EBS)
C. Amazon Elastic File System (Amazon EFS)
D. Amazon Redshift
E. Amazon S3
Correct Answer: CE

Question #314
671 # A company needs to perform queries and interactively search and analyze log datA. Which AWS service or feature will meet this requirement?
A. Amazon EventBridge (Amazon CloudWatch Events)
B. Amazon CloudWatch anomaly detection
C. Amazon CloudWatch Logs Insights
D. Amazon CloudWatch Logs streams
Correct Answer: C

Question #315
672 # A company has an on-premises Oracle database. The company spends a significant amount of time on database administration activities. The company is moving the database to AWS and needs to minimize the time that is required for those administration activities Which AWS service should the company use to meet this requirement?
A. Amazon ElastiCache
B. Amazon EC2
C. Amazon RDS
D. Amazon DynamoDB
Correct Answer: C

Question #316
673 # A company is running an Amazon EC2 instance in a VPC.Which of the following can the company use to route and filter incoming network requests for the EC2 instance?
A. Route tables and web application firewalls
B. Security groups and route tables
C. Security groups and a network intrusion system
D. Route tables and AWS Shield
Correct Answer: B

Question #317
674 # A company plans to migrate its custom marketing application and order-processing application to AWS. The company needs to deploy the applications on different types of instances with various configurations of CPU, memory, storage, and networking capacity. Which AWS service should the company use to meet these requirements?
A. AWS Lambda
B. Amazon Cognito
C. Amazon Athena
D. Amazon EC2
Correct Answer: D

Question #318
675 # A company wants to set up a Domain Name System (DNS) record for its application with a failover routing policy that isbased on health checks.Which AWS service or resource should the company use to achieve this goal?
A. Amazon Connect
B. Application Load Balancer
C. Amazon Route 53
D. AWS WAF
Correct Answer: C

Question #319
676 # Which of the following are AWS best practice recommendations for the use of AWS Identity and Access Management (IAM)? (Choose two.)
A. Use the AWS account root user tor daily access.
B. Use access keys and secret access keys on Amazon EC2.
C. Rotate credentials on a regular basis.
D. Create a shared set of access keys for system administrators.
E. Configure multi-factor authentication (MFA).
Correct Answer: CE

Question #320
677 # A company needs to store code in a version control system. The company also needs to continually deploy updated code through a series of automated steps (build, test, package, and deploy). Which combination of AWS services will meet these requirements? (Choose two.)
A. AWS CloudFormation
B. AWS CodeCommit
C. AWS Control Tower
D. AWS Elastic Beanstalk
E. AWS CodePipeline
Correct Answer: BE

Question #301
678 # What should a user do if the user loses an IAM secret access key?
A. Retrieve the secret access key by using the IAM console.
B. Create a new user with a new access key and a new secret access key.
C. Rotate the secret access key.
D. Request a new secret access key from AWS Support.
Correct Answer: C

Question #302
679 # A company wants to deploy a Docker application to the AWS Cloud. However, the company does not want to manage the underlying servers. Which combination of AWS services should the company use to meet these requirements? (Choose two.)
A. Amazon EC2
B. Amazon EC2 Auto Scaling
C. AWS Elastic Beanstalk
D. Amazon CloudFront
E. AWS Fargate
Correct Answer: CE

Question #303
680 # A company needs to transfer 60 TB of data to the AWS Cloud in a secure manner. Which of the following should the company use to meet these requirements?
A. AWS Snowball Edge device
B. Amazon Elastic Block Store (Amazon EBS)
C. Amazon Elastic File System (Amazon EFS)
D. Amazon S3
Correct Answer: A

Question #304
681 # A gaming company wants to move its on-premises environment to AWS. The company needs its resources to be highly available. Which benefit does the AWS Cloud provide to meet this requirement?
A. Reliability
B. The AWS shared responsibility model
C. Security
D. Agility
Correct Answer: A

Question #305
682 # An ecommerce company has been monitoring usage of its online store that is hosted on a fleet of Amazon EC2 instances. Surges in traffic occur every weekend day at the same time and last for approximately 4 hours. Which AWS service should the company use to ensure that there are enough instances to meet the surges in demand?
A. AWS Lambda
B. Amazon EventBridge (Amazon CloudWatch Events)
C. Elastic Load Balancing (ELB)
D. Amazon EC2 Auto Scaling
Correct Answer: D

Question #306
683 # A company needs stateless network filtering for its VPC. Which AWS service, tool, or feature will meet this requirement?
A. AWS PrivateLink
B. Security group
C. Network access control list (ACL)
D. AWS WAF
Correct Answer: C

Question #307
684 # A company needs to audit its AWS resources. The company must document any changes that have been made to the resources. Which AWS service will meet these requirements?
A. AWS Artifact
B. AWS Config
C. Amazon Inspector
D. Amazon CloudWatch
Correct Answer: B

Question #308
685 # A company needs fully managed, highly reliable, and scalable file storage that is accessible over the Server Message Block (SMB) protocol. Which AWS service will meet these requirements?
A. Amazon S3
B. Amazon Elastic File System (Amazon EFS)
C. Amazon FSx for Windows File Server
D. Amazon Elastic Block Store (Amazon EBS)
Correct Answer: C

Question #309
686 # Which AWS service should a company use to create a NoSQL database?
A. Amazon Aurora
B. Amazon DynamoDB
C. Amazon Redshift
D. Amazon Neptune
Correct Answer: B

Question #310
687 # A company is migrating to the AWS Cloud. The company requires consultative review and guidance for its applications during the migration. After the migration is complete, the company requires a response within 30 minutes if business-critical systems go down. Which AWS Support plans meet these requirements? (Choose two.)
A. AWS Enterprise Support
B. AWS Enterprise On-Ramp Support
C. AWS Developer Support
D. AWS Basic Support
E. AWS Business Support
Correct Answer: AB

Question #291
688 # Which of the following is a way to use Amazon EC2 Auto Scaling groups to scale capacity in the AWS Cloud?
A. Scale the number of EC2 instances in or out automatically, based on demand.
B. Use serverless EC2 instances.
C. Scale the size of EC2 instances up or down automatically, based on demand.
D. Transfer unused CPU resources between EC2 instances.
Correct Answer: A
Reference: https://aws.amazon.com/ec2/autoscaling/faqs/

Question #292
689 # A company discovered unauthorized access to resources in its on-premises data center. Upon investigation, the company found that the requests originated from a resource hosted on AWS. Which AWS team should the company contact to report this issue?
A. AWS Customer Service team
B. AWS Sales team
C. AWS Abuse team
D. AWS Technical Support team
Correct Answer: C
Reference: https://aws.amazon.com/premiumsupport/knowledge-center/report-aws-abuse/

Question #293
690 # Which of the following are aspects of the AWS shared responsibility model? (Choose two.)
A. Configuration management of infrastructure devices is the customer's responsibility.
B. For Amazon S3, AWS operates the infrastructure layer, the operating systems, and the platforms.
C. AWS is responsible for protecting the physical cloud infrastructure.
D. AWS is responsible for training the customer's employees on AWS products and services.
E. For Amazon EC2, AWS is responsible for maintaining the guest operating system.
Correct Answer: BC
Reference: https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=AWS%20responsibility%20%E2%80%9CSecurity%20of%20the,that%20run

Question #294
691 # A company needs real-time guidance to follow AWS best practices to save money, improve system performance, and close security gaps. Which AWS service should the company use?
A. Amazon GuardDuty
B. AWS Trusted Advisor
C. AWS Management Console
D. AWS Systems Manager

Correct Answer: B

Question #295
692 # A company wants to organize its users so that the company can grant permissions to the users as a group. Which AWS service or tool can the company use to meet this requirement?
A. Security groups
B. AWS Identity and Access Management (IAM)
C. Resource groups
D. AWS Security Hub
Correct Answer: B

Question #296
693 # A company runs applications that process credit card information. Auditors have asked if the AWS environment has changed since the previous audit. If the AWS environment has changed, the auditors want to know how it has changed. Which AWS services can provide this information? (Choose two.)
A. AWS Artifact
B. AWS Trusted Advisor
C. AWS Config
D. AWS CloudTrail
E. AWS Identity and Access Management (IAM)
Correct Answer: CD

Question #297
694 # A company wants to use a template to reliably provision, manage, and update its infrastructure in the AWS Cloud. Which AWS service will meet these requirements?
A. AWS Lambda
B. AWS CloudFormation
C. AWS Fargate
D. AWS CodeDeploy
Correct Answer: B

Question #298
695 # A company is reviewing the current costs of running its own infrastructure on premises. The company wants to compare these on-premises costs to the costs of running infrastructure in the AWS Cloud. How should the company make this comparison?
A. Review the AWS shared responsibility model.
B. Audit existing software and hardware licensing costs.
C. Analyze the AWS Well-Architected Framework.
D. Use Migration Evaluator.
Correct Answer: D

Question #299
696 # A company needs a low-code, visual workflow service that developers can use to build distributed applications. Which AWS service is designed to meet these requirements?
A. AWS Step Functions
B. AWS Config
C. AWS Lambda
D. Amazon CloudWatch
Correct Answer: A

Question #300
697 # A company wants to accelerate migration from its data center to the AWS Cloud. Which combination of AWS services should the company use to meet this requirement? (Choose two.)
A. Amazon Connect
B. AWS Direct Connect
C. AWS Server Migration Service (AWS SMS)
D. Amazon Route 53
E. AWS Organizations
Correct Answer: BC

Question #281
698 # A company wants to analyze streaming user data and respond to customer queries in real time. Which AWS service can meet these requirements?
A. Amazon QuickSight
B. Amazon Redshift
C. Amazon Kinesis Data Analytics
D. AWS Data Pipeline
Correct Answer: C
Reference: https://aws.amazon.com/kinesis/data-analytics/

Question #282
699 # Who can create and manage access keys for an AWS account root user?
A. The AWS account owner
B. An IAM user that has administrator permissions
C. IAM users within a designated group
D. An IAM user that has the required role
Correct Answer: A
Reference: https://docs.aws.amazon.com/IAM/latest/UserGuide/id_root-user.html

Question #283
700 # Which AWS service can help a company detect an outage of its website servers and redirect users to alternate servers?
A. Amazon CloudFront
B. Amazon GuardDuty
C. Amazon Route 53
D. AWS Trusted Advisor
Correct Answer: C
Reference: https://aws.amazon.com/about-aws/whats-new/2013/02/11/announcing-dns-failover-for-route-53/

16 September 2023   16:24

Question #284
701 # A web application is hosted on AWS using an Elastic Load Balancer, multiple Amazon EC2 instances, and Amazon RDS. Which security measures fall under the responsibility of AWS? (Choose two.)
A. Running a virus scan on EC2 instances
B. Protecting against IP spoofing and packet sniffing
C. Installing the latest security patches on the RDS instance
D. Encrypting communication between the EC2 instances and the Elastic Load Balancer
E. Configuring a security group and a network access control list (NACL) for EC2 instances
Correct Answer: BC
Reference: https://docs.aws.amazon.com/acm/latest/userguide/data-protection.html https://aws.amazon.com/compliance/shared-responsibility-model/

Question #285
702 # Which of the following is an AWS Well-Architected Framework design principle for operational excellence in the AWS Cloud?
A. Go global in minutes.
B. Make frequent, small, reversible changes.
C. Implement a strong foundation of identity and access management.
D. Stop spending money on hardware infrastructure for data center operations.
Correct Answer: B
Reference: https://aws.amazon.com/architecture/well-architected/

Question #286
703 # Which AWS service provides intelligent recommendations to improve code quality and identify an application's most expensive lines of code?
A. Amazon CodeGuru
B. AWS CodeStar
C. AWS CodeCommit
D. AWS CodeDeploy
Correct Answer: A
Reference: https://aws.amazon.com/codeguru/#:~:text=Amazon%20CodeGuru%20is%20a%20developer,most%20expensive%20lines%20of%20code

Question #287
704 # A company wants to expand from one AWS Region into a second AWS Region. What does the company need to do to expand into the second Region?
A. Contact an AWS account manager to sign a new contract.
B. Move an Availability Zone to the second Region.
C. Begin to deploy resources in the second Region.
D. Download the AWS Management Console for the second Region.
Correct Answer: C
Reference: https://docs.aws.amazon.com/emr/latest/ManagementGuide/emr-plan-region.html

Question #288
705 # Which AWS service provides storage that can be mounted across multiple Amazon EC2 instances?
A. Amazon WorkSpaces
B. Amazon Elastic File System (Amazon EFS)
C. AWS Database Migration Service (AWS DMS)
D. AWS Snowball Edge
Correct Answer: B
Reference: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/Storage.html

Question #289
706 # A company needs to deploy applications in the AWS Cloud as quickly as possible. The company also needs to minimize the complexity that is related to the management of AWS resources. Which AWS service should the company use to meet these requirements?
A. AWS Config
B. AWS Elastic Beanstalk
C. Amazon EC2
D. Amazon Personalize
Correct Answer: B
Reference:https://docs.aws.amazon.com/elastic-beanstalk/index.html

Question #290
707 # A company has a set of databases that are stored on premises. The company wants to bring its existing Microsoft SQL Server licenses when the company moves the databases to run on Amazon EC2 instances. Which EC2 instance purchasing option should the company use to meet these requirements?
A. Dedicated Instances
B. Reserved Instances
C. Dedicated Hosts
D. Spot Instances
Correct Answer: C
Reference: https://aws.amazon.com/windows/resources/licensing/

Question #271
708 # A company wants to migrate its on-premises Microsoft SQL Server database server to the AWS Cloud. The company has decided to use Amazon EC2 instances to run this database. Which of the following is the company responsible for managing, according to the AWS shared responsibility model?
A. EC2 hypervisor
B. Security patching of the guest operating system
C. Network connectivity of the host server
D. Uptime service level agreement (SLA) for the EC2 instances
Correct Answer: B
Reference: https://aws.amazon.com/compliance/shared-responsibility-model/

Question #272
709 # A developer wants to deploy an application on a container-based service. The service must automatically provision and manage the backend instances. The service must provision only the necessary resources. Which AWS service will meet these requirements?
A. Amazon EC2
B. Amazon Lightsail
C. Amazon Elastic Kubernetes Service (Amazon EKS)
D. AWS Fargate
Correct Answer: D
Reference: https://aws.amazon.com/fargate/

Question #273
710 # Which tasks require use of the AWS account root user? (Choose two.)
A. Changing an AWS Support plan
B. Modifying an Amazon EC2 instance type
C. Grouping resources in AWS Systems Manager
D. Running applications in Amazon Elastic Kubernetes Service (Amazon EKS)
E. Closing an AWS account
Correct Answer: AE
Reference: https://docs.aws.amazon.com/general/latest/gr/root-vs-iam.html

Question #274
711 # Which AWS service enables the decoupling and scaling of applications?
A. Amazon Simple Queue Service (Amazon SQS)
B. AWS Outposts
C. Amazon S3
D. Amazon Simple Email Service (Amazon SES)
Correct Answer: A
Reference: https://aws.amazon.com/sqs/#:~:text=Amazon%20Simple%20Queue%20Service%20(SQS,distributed%20systems%2C%20and%20serverless%20applications

Question #275
712 # Which of the following describes some of the core functionality of Amazon S3?
A. Amazon S3 is a high-performance block storage service that is designed for use with Amazon EC2.
B. Amazon S3 is an object storage service that provides high-level performance, security, scalability, and data availability.
C. Amazon S3 is a fully managed, highly reliable, and scalable file storage system that is accessible over the industry-standard SMB protocol.
D. Amazon S3 is a scalable, fully managed elastic NFS for use with AWS Cloud services and on-premises resources.
Correct Answer: B

Question #276
713 # How does consolidated billing help reduce costs for a company that has multiple AWS accounts?
A. It aggregates usage across accounts so that the company can reach volume discount thresholds sooner.
B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.
C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
D. It gives AWS resellers the ability to bill their customers for usage.
Correct Answer: A
Reference: https://aws.amazon.com/about-aws/whats-new/2010/02/09/announcing-consolidated-billing-for-aws-accounts/#:~:text=Consolidated%20Billing%20enables%20you%20to,associated%20with%20your%20paying%20account

Question #277
714 # A company wants to secure its consumer web application by using SSL/TLS to encrypt traffic. Which AWS service can the company use to meet this goal?
A. AWS WAF
B. AWS Shield
C. Amazon VPC
D. AWS Certificate Manager (ACM)
Correct Answer: D
Reference:https://aws.amazon.com/certificate-manager/

Question #278
715 # Which of the following are advantages of moving to the AWS Cloud? (Choose two.)

A. Users can implement all AWS services in seconds.
B. AWS assumes all responsibility for the security of infrastructure and applications.
C. Users experience increased speed and agility.
D. Users benefit from massive economies of scale.
E. Users can move hardware from their data center to the AWS Cloud.
Correct Answer: CD
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #279
716 # A company stores configuration files in an Amazon S3 bucket. These configuration files must be accessed by applicationsthat are running on Amazon EC2 instances. According to AWS security best practices, how should the company grant permissionsto allow the applications for access the S3 bucket?
A. Use the AWS account root user access keys.
B. Use the AWS access key ID and the EC2 secret access key.
C. Use an IAM role with the necessary permissions.
D. Activate multi-factor authentication (MFA) and versioning on the S3 bucket.
Correct Answer: C
Reference:https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_use_switch-role-ec2.html

Question #280
717 # A company needs an AWS service that will continuously monitor the company's AWS account for suspicious activity. The service must have the ability to initiate automated actions against threats that are identified in the security findings. Whichservice will meet these requirements?
A. AWS Trusted Advisor
B. Amazon Detective
C. Amazon Inspector
D. Amazon GuardDuty
Correct Answer: D
Reference:https://aws.amazon.com/guardduty/faqs/

Question #261
718 # A company wants a cost-effective option when running its applications in an Amazon EC2 instance for short time periods. The applications can be interrupted. Which EC2 instance type will meet these requirements?
A. Spot Instances
B. On-Demand Instances
C. Reserved Instances
D. Dedicated Instances
Correct Answer: A
Reference:https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/instance-purchasing-options.html

Question #262
719 # A retail company is building a new mobile app. The company is evaluating whether to build the app at an onpremises data center or in the AWS Cloud. Which of the following are benefits of building this app in the AWS Cloud? (Choosetwo.)
A. A large, upfront capital expense and low variable expenses
B. Increased speed for trying out new projects
C. Complete control over the physical security of the infrastructure
D. Flexibility to scale up in minutes as the application becomes popular
E. Ability to pick the specific data centers that will host the application servers
Correct Answer: BD
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #263
720 # A developer is working on enhancing applications at AWS. The developer needs a service that can securely host GitHubbased code, repositories, and version controls. Which AWS service should the developer use?
A. AWS CodeStar
B. Amazon CodeGuru
C. AWS CodeCommit
D. AWS CodePipeline
Correct Answer: C
Reference:https://docs.aws.amazon.com/codecommit/latest/userguide/welcome.html

Question #264
721 # What is an AWS Region?
A. A broad set of global, cloud-based products that include compute, storage, and databases
B. A physical location around the world where data centers are clustered
C. One or more discrete data centers with redundant power, networking, and connectivity
D. A service that developers use to build applications that deliver latencies of single-digit milliseconds to users
Correct Answer: B
Reference:https://aws.amazon.com/about-aws/global-infrastructure/regions_az/

Question #265
722 # Which AWS benefit enables users to deploy cloud infrastructure that consists of multiple geographic regions connected by a network with low latency, high throughput, and redundancy?
A. Economies of scale
B. Security
C. Elasticity
D. Global reach
Correct Answer: D
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/global-infrastructure.html

Question #266
723 # A company is considering a migration from on premises to the AWS Cloud. The company's IT team needs to offload supportof the workload. What should the IT team do to accomplish this goal?
A. Use AWS Managed Services to provision, run, and support the company infrastructure.
B. Build hardware refreshes into the operational calendar to ensure availability.
C. Use Amazon Elastic Container Service (Amazon ECS) on Amazon EC2 instances.
D. Overprovision compute capacity for seasonal events and traffic spikes to prevent downtime.
Correct Answer: A
Reference:https://docs.aws.amazon.com/managedservices/latest/userguide/what-is-ams.html

Question #267
724 # What is a benefit of using AWS serverless computing?
A. Application deployment and management are not required.
B. Application security will be fully managed by AWS.
C. Monitoring and logging are not needed.
D. Management of infrastructure is offloaded to AWS.
Correct Answer: D
Reference:https://aws.amazon.com/serverless/

Question #268
725 # A company plans to launch an application that will run in multiple locations within the United States. The company need to identify the two AWS Regions where the application can operate at the lowest price. Which AWS service or feature shouldthe company use to determine the Regions that offer the lowest price?
A. Cost Explorer
B. AWS Budgets
C. AWS Trusted Advisor
D. AWS Pricing Calculator
Correct Answer: D
The other three options help with post deployment in AWS cloud.
Reference:https://calculator.aws/#/

Question #269
726 # Which approach will enhance a user's security on AWS?
A. Use Multi-AZ deployments with Amazon RDS.
B. Create a hybrid architecture by using AWS Direct Connect.
C. Monitor application-specific information with AWS X-Ray.
D. Encrypt data by using AWS Key Management Service (AWS KMS).
Correct Answer: D
Reference:https://aws.amazon.com/kms/features/

Question #270
727 # Which AWS service or tool is associated with an Amazon EC2 instance and acts as a virtual firewall to control inbound and outbound traffic?
A. AWS WAF
B. AWS Shield
C. Network access control list (ACL)
D. Security group
Correct Answer: D
Reference:https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-security-groups.html

Question #251
728 # Which of the following are AWS compute services? (Choose two.)
A. Amazon Lightsail
B. AWS Systems Manager
C. AWS CloudFormation
D. AWS Batch
E. Amazon Inspector
Correct Answer: AD
Reference:https://aws.amazon.com/products/compute/

Question #252
729 # A company needs to report on events that involve the specific AWS services that the company uses. Which AWS service or resource can the company use with Amazon CloudWatch to meet this requirement?
A. Amazon Inspector
B. AWS Personal Health Dashboard
C. AWS Trusted Advisor
D. AWS CloudTrail logs
Correct Answer: D
Reference:https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-log-file-examples.html

Question #253
730 # A company with AWS Enterprise Support needs help understanding its monthly AWS bill and wants to implement billing best practices. Which AWS tool or resource is available to accomplish these goals?
A. Resource tagging
B. AWS Concierge Support team
C. AWS Abuse team
D. AWS Support
Correct Answer: B
Reference:https://aws.amazon.com/premiumsupport/plans/enterprise/

Question #254
731 # Which of the following is an AWS key-value database offering consistent single-digit millisecond performance at any scale?
A. Amazon RDS
B. Amazon Aurora
C. Amazon DynamoDB
D. Amazon Redshift
Correct Answer: C
Reference:https://aws.amazon.com/dynamodb/

Question #255
732 # A company is developing a new Node.js application. The application must have a scalable NoSQL database to meet increasing demand as the popularity of the application grows. Which AWS service will meet the requirements for the database?
A. Amazon Aurora Serverless
B. Amazon ElastiCache
C. Amazon DynamoDB
D. Amazon Redshift
Correct Answer: C
Reference:https://aws.amazon.com/dynamodb/

Question #256
733 # A company wants to set up an entire development and continuous delivery toolchain for coding, building, testing, and deploying code. Which AWS service will meet these requirements?
A. Amazon CodeGuru
B. AWS CodeStar
C. AWS CodeCommit
D. AWS CodeDeploy
Correct Answer: B

Question #257
734 # Which service enables customers to audit API calls in their AWS accounts?
A. AWS CloudTrail
B. AWS Trusted Advisor
C. Amazon Inspector
D. AWS X-Ray
Correct Answer: A
Reference:https://docs.aws.amazon.com/audit-manager/latest/userguide/logging-using-cloudtrail.html

Question #258
735 # A company is moving its office and must establish an encrypted connection to AWS. Which AWS service will help meet this requirement?
A. AWS VPN
B. Amazon Route 53
C. Amazon API Gateway
D. Amazon Connect
Correct Answer: A

Question #259
736 # A company needs steady and predictable performance from its Amazon EC2 instances at the lowest possible cost. The company also needs the ability to scale resources to ensure that it has the right resources available at the right time. Which AWS service or resource will meet these requirements?
A. Amazon CloudWatch
B. Application Load Balancer
C. AWS Batch
D. Amazon EC2 Auto Scaling
Correct Answer: D
Reference:https://aws.amazon.com/autoscaling/

Question #260
737 # Which action will provide documentation to help a company evaluate whether its use of the AWS Cloud is compliant with local regulatory standards?
A. Running Amazon GuardDuty
B. Using AWS Artifact
C. Creating an AWS Support ticket
D. Evaluating AWS CloudTrail logs
Correct Answer: B
Reference:https://aws.amazon.com/artifact/

Question #241
738 # Which of the following describes AWS Local Zones?
A. A cluster of data centers in one geographic location
B. A site used by Amazon CloudFront to cache frequently accessed content
C. An extension of an AWS Region to more granular locations
D. One or more data centers with redundant power and networking
Correct Answer: C
Reference:https://aws.amazon.com/about-aws/global-infrastructure/localzones/faqs/

Question #242
739 # A retail company is migrating its IT infrastructure applications from on premises to the AWS Cloud. Which costs will the company eliminate with this migration? (Choose two.)
A. Cost of data center operations
B. Cost of application licensing
C. Cost of marketing campaigns
D. Cost of physical server hardwareMost Voted
E. Cost of network management
Correct Answer: AD
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #243
740 # What is a benefit of moving to the AWS Cloud in terms of improving time to market?
A. Decreased deployment speed
B. Increased application security
C. Increased business agility
D. Increased backup capabilities
Correct Answer: C
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #244
741 # Which of the following are characteristics of a serverless application that runs in the AWS Cloud? (Choose two.)
A. Users must manually configure Amazon EC2 instances.
B. Users have a choice of operating systems.
C. The application has built-in fault tolerance.
D. Users can run Amazon EC2 Spot Instances.
E. The application can scale based on demand.
Correct Answer: CE
Reference:https://aws.amazon.com/serverless/#:~:text=Serverless%20on%20AWS&text=AWS%20offers%20technologies%20for%20running,increase%20agility%20and%20optimize%20costs

Question #245
742 # A company has existing software licenses that it wants to bring to AWS, but the licensing model requires licensing physical cores. How can the company meet this requirement in the AWS Cloud?
A. Launch an Amazon EC2 instance with default tenancy.
B. Launch an Amazon EC2 instance on a Dedicated Host.
C. Create an On-Demand Capacity Reservation.
D. Purchase Dedicated Reserved Instances.
Correct Answer: B
Reference:https://aws.amazon.com/ec2/dedicated-hosts/

Question #246
743 # A company has a complex AWS architecture. The company needs assistance from a dedicated technical professional who can suggest strategies regarding incidents, trade-offs, support, and risk management. Which AWS Support plan will provide the required support?
A. AWS Business Support
B. AWS Enterprise Support
C. AWS Developer Support
D. AWS Basic Support
Correct Answer: B
Reference:https://aws.amazon.com/premiumsupport/plans/

Question #247
744 # Which of the following is an advantage that the AWS Cloud provides to users?
A. Users eliminate the need to guess about infrastructure capacity requirements.
B. Users decrease their variable costs by maintaining sole ownership of IT hardware.
C. Users maintain control of underlying IT infrastructure hardware.
D. Users maintain control of operating systems for managed services.
Correct Answer: A
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #248
745 # Which AWS services can use AWS WAF to protect against common web exploitations? (Choose two.)
A. Amazon Route 53
B. Amazon CloudFront
C. AWS Transfer Family
D. AWS Site-to-Site VPN

E. Amazon API Gateway
Correct Answer: BE
Reference:https://aws.amazon.com/waf/faqs/#:~:text=AWS%20WAF%20can%20be%20deployed,content%20at%20the%20Edge%20locations

Question #249
746 # Which controls are shared under the AWS shared responsibility model? (Choose two.)
A. Awareness and training
B. Patching of Amazon RDS
C. Configuration management
D. Physical and environmental controls
E. Service and communications protection or security
Correct Answer: AC
Reference:https://aws.amazon.com/compliance/shared-responsibility-model/

Question #250
747 # A company manages global applications that require static IP addresses. Which AWS service would enable the company to improve the availability and performance of its applications?
A. Amazon CloudFront
B. AWS Global Accelerator
C. Amazon S3 Transfer Acceleration
D. Amazon API Gateway
Correct Answer: B
Reference:https://aws.amazon.com/global-accelerator/faqs/#:~:text=A%3A%20AWS%20Global%20Accelerator%20provides,AWS%20Regions%2C%20to%20improve%20redundancy

Question #231
748 # Which AWS service monitors CPU utilization on Amazon EC2 instances?
A. AWS CloudTrail
B. Amazon Inspector
C. AWS Config
D. Amazon CloudWatch
Correct Answer: D
Reference:https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/using-cloudwatch.html

Question #232
749 # A company needs to label its AWS resources so that the company can categorize and track costs. What should the company do to meet this requirement?
A. Use cost allocation tags.
B. Use AWS Identity and Access Management (IAM).
C. Use AWS Organizations.
D. Use the AWS Cost Management coverage report.
Correct Answer: A
Reference:https://docs.aws.amazon.com/general/latest/gr/aws_tagging.html

Question #233
750 # A company wants its employees to have access to virtual desktop infrastructure to securely access company-provided desktops through the employees' personal devices. Which AWS service should the company use to meet these requirements?
A. Amazon AppStream 2.0
B. AWS AppSync
C. Amazon FSx for Windows File Server
D. Amazon WorkSpaces
Correct Answer: D
Reference:https://aws.amazon.com/workspaces/

Question #234
751 # Which task can a company complete by using AWS Organizations?
A. Track application deployment statuses globally.
B. Remove unused and underutilized AWS resources across all accounts.
C. Activate DDoS protection across all accounts.
D. Share pre-purchased Amazon EC2 resources across accounts.
Correct Answer: D
Reference:https://aws.amazon.com/organizations/
https://docs.aws.amazon.com/ram/latest/userguide/shareable.html

Question #235
752 # A user has been granted permission to change their own IAM user password. Which AWS services can the user use to change the password? (Choose two).
A. AWS Command Line Interface (AWS CLI)
B. AWS Key Management Service (AWS KMS)
C. AWS Management Console
D. AWS Resource Access Manager (AWS RAM)
E. AWS Secrets Manager
Correct Answer: AC
Reference:https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_passwords_user -change-own.html

Question #236
753 # A company needs to run an application on Amazon EC2 instances. The instances cannot be interrupted at any time. The com pany needs an instance purchasing option that requires no long -term commitment or upfront payment. Which instance purchasing optio n will meet these requirements MOST cost-effectively?
A. On-Demand Instances
B. Spot Instances
C. Dedicated Hosts
D. Reserved Instances
Correct Answer: A
Reference:https://aws.amazon.com/ec2/pricing/

Question #237
754 # A company uses Amazon EC2 instances to run its web application. The company uses On -Demand Instances and Spot Instances. The company needs to visualize its monthly spending on both types of instances. Which AW S service or feature will meet this requirement?
A. AWS Cost Explorer
B. AWS Budgets
C. Amazon CloudWatch
D. AWS Cost Categories
Correct Answer: A
Reference:https://aws.amazon.com/aws-cost-management/aws-cost-explorer/

Question #238
755 # Which task can a user complete by using AWS Identity and Access Management (IAM)?
A. Validate JSON syntax from an application configuration file.
B. Analyze logs from an Amazon API Gateway call.
C. Filter traffic to or from an Amazon EC2 instance.
D. Grant permissions to applications that run on Amazon EC2 instances.
Correct Answer: D
Reference:https://aws.amazon.com/iam/#:~:text=With%20AWS%20Identity%20and%20Access,to%20refine%20permissions%20across%20AWS

Question #239
756 # A company needs to generate reports for business intelligence and operational analytics on petabytes of semistructured and structured data. These reports are produced from standard SQL queries on data that is in an Amazon S3 data lake Which AWS service provides the ability to analyze this data?
A. Amazon RDS
B. Amazon Neptune
C. Amazon DynamoDB
D. Amazon Redshift
Correct Answer: D
Reference:https://aws.amazon.com/data-warehouse/

Question #240
757 # A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform. W hich pillar of the AWS Well-Architected Framework does this situation demonstrate?
A. Cost optimization
B. Operational excellence
C. Performance efficiency
D. Reliability
Correct Answer: D
Reference:https://wa.aws.amazon.com/wellarchitected/2020 -07-02T19-33-23/wat.pillar.reliability.en.html

Question #221
758 # Which statements explain the business value of migration to the AWS Cloud? (Choose two.)
A. The migration of enterprise applications to the AWS Cloud makes these applications automatically available on mobile devic es.
B. AWS availability and security provide the ability to improve service level agreements (SLAs) while reducing risk and unpla nned downtime.
C. Companies that migrate to the AWS Cloud eliminate the need to plan for high availability and disaster recovery.
D. Companies that migrate to the AWS Cloud reduce IT costs related to infrastructure, freeing budget for reinvestment in othe r areas.
E. Applications are modernized because migration to the AWS Cloud requires companies to rearchitect and rewrite all enterpris e applications.
Correct Answer: BD

Question #222
759 # A company needs to identify personally identifiable information (PII), such as credit card numbers, from data that is s tored in Amazon S3. Which AWS service should the company use to meet this requirement?
A. Amazon Inspector
B. AWS Shield
C. Amazon GuardDuty
D. Amazon Macie
Correct Answer: D
Reference:https://aws.amazon.com/macie/

Question #223
760 # Which AWS services or tools are designed to protect a workload from SQL injections, cross -site scripting, and DDoS attacks? (Choose two.)
A. VPC endpoint
B. Virtual private gateway
C. AWS Shield Standard
D. AWS Config
E. AWS WAF
Correct Answer: C, E
Reference:https://aws.amazon.com/waf/
https://aws.amazon.com/shield/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats -new-cards.sort-order=desc

Question #224
761 # A company wants to forecast future costs and usage of AWS resources based on past consumption. Which AWS service or too l will provide this forecast?
A. AWS Cost and Usage Report
B. Amazon Forecast
C. AWS Pricing Calculator
D. Cost Explorer
Correct Answer: D
Reference:https://docs.aws.amazon.com/cost-management/latest/userguide/ce-forecast.html

Question #225
762 # Which AWS services use cloud-native storage that provides replication across multiple Availability Zones by default? (Choose two.)
A. Amazon ElastiCache
B. Amazon RDS for Oracle
C. Amazon Neptune
D. Amazon DocumentDB (with MongoDB compatibility)
E. Amazon Redshift
Correct Answer: CD
Reference:https://docs.aws.amazon.com/documentdb/latest/developerguide/replication.html https://docs.aws.amazon.com/neptune/latest/userguide/feature -overview-storage.html

Question #226
763 # Which AWS services are serverless? (Choose two.)
A. AWS Fargate
B. Amazon Managed Streaming for Apache Kafka
C. Amazon EMR
D. Amazon S3
E. Amazon EC2
Correct Answer: AD
Reference:https://aws.amazon.com/serverless/?nc2=h_ql_prod_serv_s

Question #227
764 # Which task is the responsibility of AWS, according to the AWS shared responsibility model?
A. Apply guest operating system patches to Amazon EC2 instances.
B. Provide monitoring of human resources information management (HRIM) systems.

C. Perform automated backups of Amazon RDS instances.
D. Optimize the costs of running AWS services.
Correct Answer: C
Reference:https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/UsingWithRDS.html

Question #228
765 # A company needs to deploy a PostgreSQL database into Amazon RDS. The database must be highly available and fault tolera nt. Which AWS solution should the company use to meet these requirements?
A. Amazon RDS with a single Availability Zone
B. Amazon RDS snapshots
C. Amazon RDS with multiple Availability Zones
D. AWS Database Migration Service (AWS DMS)
Correct Answer: C
Reference:https://aws.amazon.com/rds/features/multi -az/

Question #229
766 # A company wants to add facial identification to its user verification process on an application. Which AWS service shou ld the company use to meet this requirement?
A. Amazon Polly
B. Amazon Transcribe
C. Amazon Lex
D. Amazon Rekognition
Correct Answer: D

Question #230
767 # A company wants the ability to quickly upload its applications to the AWS Cloud without needing to provision underlying resources. Which AWS service will meet these requirements?
A. AWS CloudFormation
B. AWS Elastic Beanstalk
C. AWS CodeDeploy
D. AWS CodeCommit
Correct Answer: B
Reference:https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/Welcome.html

Question #211
768 # Which AWS service should a company use to organize, characterize, and search large numbers of images?
A. Amazon Transcribe
B. Amazon Rekognition
C. Amazon Aurora
D. Amazon QuickSight
Correct Answer: B

Question #212
769 # An ecommerce company wants to use Amazon EC2 Auto Scaling to add and remove EC2 instances based on CPU utilization. Whi ch AWS service or feature can initiate an Amazon EC2 Auto Scaling action to achieve this goal?
A. Amazon Simple Queue Service (Amazon SQS)
B. Amazon Simple Notification Service (Amazon SNS)
C. AWS Systems Manager
D. Amazon CloudWatch alarm
Correct Answer: D

Question #213
770 # A company wants to host a private version control system for its application code in the AWS Cloud. Which AWS service s hould the company use to meet this requirement?
A. AWS CodePipeline
B. AWS CodeStar
C. AWS CodeCommit
D. AWS CodeDeploy
Correct Answer: C

Question #214
771 # Which AWS service or tool can a company set up to send notifications that a custom spending threshold has been reached or exceeded?
A. AWS Budgets
B. AWS Trusted Advisor
C. AWS CloudTrail
D. AWS Support
Correct Answer: A

Question #215
772 # Which AWS service is used to host static websites?
A. Amazon S3
B. Amazon Elastic Block Store (Amazon EBS)
C. AWS CloudFormation
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: A

Question #216
773 # Which AWS service contains built-in engines to protect web applications that run in the cloud from SQL injection attacks and cross -site scripting?
A. AWS WAF
B. AWS Shield Advanced
C. Amazon GuardDuty
D. Amazon Detective
Correct Answer: A

Question #217
774 # A company owns per-core software licenses. Which Amazon EC2 instance purchasing option must the company use for this license type?
A. Reserved Instances
B. Dedicated Hosts
C. Spot Instances
D. Dedicated Instances
Correct Answer: B

Question #218
775 # A company needs to set up user authentication for a new application. Users must be able to sign in directly with a user name and password, or through a third- party provider. Which AWS service should the company use to meet these requirements?
A. AWS Single Sign-On
B. AWS Signer
C. Amazon Cognito
D. AWS Directory Service
Correct Answer: C

Question #219
776 # A company's IT team is managing MySQL database server clusters. The IT team has to patch the database and take backup snapshots of the data in the clusters. The company wants to move this workload to AWS so that these tasks will be completed automatically. What should the company do to meet these requirements?
A. Deploy MySQL database server clusters on Amazon EC2 instances.
B. Use Amazon RDS with a MySQL database.
C. Use an AWS CloudFormation template to deploy MySQL database servers on Amazon EC2 instances.
D. Migrate all the MySQL database data to Amazon S3.
Correct Answer: B

Question #220
777 # What is the primary use case for Amazon GuardDuty?
A. Prevention of DDoS attacks
B. Protection against SQL injection attacks
C. Automatic monitoring for threats to AWS workloads
D. Automatic provisioning of AWS resources
Correct Answer: C

Question #201
778 # A bank needs to store recordings of calls made to its contact center for 6 years. The recordings must be accessible within 48 hours from the time they are requested. Which AWS service will provide a secure and cost-effective solution for retaining these files?
A. Amazon DynamoDB
B. Amazon S3 Glacier
C. Amazon Connect
D. Amazon ElastiCache
Correct Answer: B

Question #202
779 # Which AWS service should be used to migrate a company's on-premises MySQL database to Amazon RDS?
A. AWS Direct Connect
B. AWS Server Migration Service (AWS SMS)
C. AWS Database Migration Service (AWS DMS)
D. AWS Schema Conversion Tool (AWS SCT)
Correct Answer: C

Question #203
780 # Which benefits does a company gain when the company moves from on-premises IT architecture to the AWS Cloud? (Choose two.)
A. Reduced or eliminated tasks for hardware troubleshooting, capacity planning, and procurement
B. Elimination of the need for trained IT staff
C. Automatic security configuration of all applications that are migrated to the cloud
D. Elimination of the need for disaster recovery planning
E. Faster deployment of new features and applications
Correct Answer: AE

Question #204
781 # Which of the following is a benefit of decoupling an AWS Cloud architecture?
A. Reduced latency
B. Ability to upgrade components independently
C. Decreased costs
D. Fewer components to manage
Correct Answer: B

Question #205
782 # Which task is the responsibility of the customer according to the AWS shared responsibility model?
A. Maintain the security of the hardware that runs Amazon EC2 instances.
B. Patch the guest operating system of Amazon EC2 instances.
C. Protect the security of the AWS global infrastructure.
D. Patch Amazon RDS software.
Correct Answer: B

Question #206
783 # Which AWS Organizations feature can be used to track charges across multiple accounts and report the combined cost?
A. Service control policies (SCPs)
B. Cost Explorer
C. Consolidated billing
D. AWS Identity and Access Management (IAM)
Correct Answer: C

Question #207
784 # Which of the following is a cloud benefit that AWS offers to its users?
A. The ability to configure AWS data center hypervisors
B. The ability to purchase hardware in advance of increased traffic
C. The ability to deploy to AWS on a global scale
D. Compliance audits for user IT environments
Correct Answer: C

Question #208
785 # An ecommerce company has migrated its IT infrastructure from an on-premises data center to the AWS Cloud. Which cost is the company's direct responsibility?
A. Cost of application software licenses
B. Cost of the hardware infrastructure on AWS
C. Cost of power for the AWS servers
D. Cost of physical security for the AWS data center
Correct Answer: A

Question #209
786 # What are the five pillars of the AWS Well-Architected Framework?
A. Encryption, documentation, speed, hybrid design, and cost optimization
B. Containerization, cost margins, globalization, marketplace, and developer operations
C. Network, compute, storage, security, and developer operations
D. Operational excellence, reliability, performance efficiency, security, and cost optimization
Correct Answer: D

Question #210
787 # A company accepts enrollment applications on handwritten paper forms. The company uses a manual process to enter the form data into its backend systems. The company wants to automate the process by scanning the forms and capturing the enrollment data from scanned PDF files. Which AWS service should the company use to build this process?
A. Amazon Rekognition
B. Amazon Textract
C. Amazon Transcribe
D. Amazon Comprehend
Correct Answer: B

Question #191
788 # A company deployed an application on an Amazon EC2 instance. The application ran as expected for 6 months in the past week, users have reported latency issues. A system administrator found that the CPU utilization was at 100% during business hours. The company wants a scalable solution to meet demand. Which AWS service or feature should the company use to handle the load for its application during periods of high demand?
A. Auto Scaling groups
B. AWS Global Accelerator
C. Amazon Route 53
D. An Elastic IP address
Correct Answer: A

Question #192
789 # A company wants to migrate to AWS and use the same security software it uses on premises. The security software vendor offers its security software as a service on AWS. Where can the company purchase the security solution?
A. AWS Partner Solutions Finder
B. AWS Support Center
C. AWS Management Console
D. AWS Marketplace
Correct Answer: D

Question #193
790 # A company is generating large sets of critical data in its on-premises data center. The company needs to securely transfer the data to AWS for processing. These transfers must occur daily over a dedicated connection. Which AWS service should the company use to meet these requirements?
A. AWS Backup
B. AWS DataSync
C. AWS Direct Connect
D. AWS Snowball
Correct Answer: C

Question #194
791 # A company wants to run production workloads on AWS. The company wants access to technical support from engineers 24 hours a day, 7 days a week. The company also wants access to the AWS Health API and contextual architectural guidance for business use cases. The company has a strong IT support team and does not need concierge support. Which AWS Support plan will meet these requirements at the LOWEST cost?
A. AWS Basic Support
B. AWS Developer Support
C. AWS Business Support
D. AWS Enterprise Support
Correct Answer: C

Question #195
792 # Which of the following is a managed AWS service that is used specifically for extract, transform, and load (ETL) data?
A. Amazon Athena
B. AWS Glue
C. Amazon S3
D. AWS Snowball Edge
Correct Answer: B

Question #196
793 # Which of the following actions are controlled with AWS Identity and Access Management (IAM)? (Choose two.)
A. Control access to AWS service APIs and to other specific resources.
B. Provide intelligent threat detection and continuous monitoring.
C. Protect the AWS environment using multi-factor authentication (MFA).
D. Grant users access to AWS data centers.
E. Provide firewall protection for applications from common web attacks.
Correct Answer: AC

Question #197
794 # Which of the following are shared controls that apply to both AWS and the customer, according to the AWS shared responsibility model? (Choose two.)
A. Resource configuration management
B. Network data integrity

C. Employee awareness and training
D. Physical and environmental security
E. Replacement and disposal of disk drives
Correct Answer: AC

Question #198
795 # What information is found on an AWS Identity and Access Management (IAM) credential report? (Choose two.)
A. The date and time when an IAM user's password was last used to sign in to the AWS Management Console.
B. The type of multi-factor authentication (MFA) device assigned to an IAM user.
C. The User-Agent browser identifier for each IAM user currently logged in.
D. Whether multi-factor authentication (MFA) has been enabled for an IAM user.
E. The number of incorrect login attempts by each IAM user in the previous 30 days.
Correct Answer: AD

Question #199
796 # What is the LEAST expensive AWS Support plan that contains a full set of AWS Trusted Advisor best practice checks?
A. AWS Enterprise Support
B. AWS Business Support
C. AWS Developer Support
D. AWS Basic Support
Correct Answer: B

Question #200
797 # Which AWS service provides domain registration, DNS routing, and service health checks?
A. AWS Direct Connect
B. Amazon Route 53
C. Amazon CloudFront
D. Amazon API Gateway
Correct Answer: B

Question #181
798 # Which AWS service can a company use to store and manage Docker images?
A. Amazon DynamoDB
B. Amazon Kinesis Data Streams
C. Amazon Elastic Container Registry (Amazon ECR)
D. Amazon Elastic File System (Amazon EFS)
Correct Answer: C

Question #182
799 # A company needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances. The report also must identify operating system vulnerabilities on those instances. Which AWS service or feature should the company use to meet this requirement?
A. AWS Trusted Advisor
B. Security groups
C. Amazon Macie
D. Amazon Inspector
Correct Answer: D

Question #183
800 # A global company is building a simple time-tracking mobile app. The app needs to operate globally and must store collected data in a database. Data must be accessible from the AWS Region that is closest to the user. What should the company do to meet these data storage requirements with the LEAST amount of operational overhead?
A. Use Amazon EC2 in multiple Regions to host separate databases
B. Use Amazon RDS cross-Region replication
C. Use Amazon DynamoDB global tables
D. Use AWS Database Migration Service (AWS DMS)
Correct Answer: C

16 September 2023   16:24

Question #184
801 # Which of the following are economic advantages of the AWS Cloud? (Choose two.)
A. Increased workforce productivity
B. Decreased need to encrypt user data
C. Manual compliance audits
D. Simplified total cost of ownership (TCO) accounting
E. Faster product launches
Correct Answer: AE

Question #185
802 # Which controls does the customer fully inherit from AWS in the AWS shared responsibility model?
A. Patch management controls
B. Awareness and training controls
C. Physical and environmental controls
D. Configuration management controls
Correct Answer: C

Question #186
803 # Which task is a customer's responsibility, according to the AWS shared responsibility model?
A. Management of the guest operating systems
B. Maintenance of the configuration of infrastructure devices
C. Management of the host operating systems and virtualization
D. Maintenance of the software that powers Availability Zones
Correct Answer: A

Question #187
804 # A company needs to deliver new website features quickly in an iterative manner to minimize the time to market. Which AWS Cloud concept does this requirement represent?
A. Reliability
B. Elasticity
C. Agility
D. High availability
Correct Answer: C

Question #188
805 # A company wants to increase its ability to recover its infrastructure in the case of a natural disaster. Which pillar of the AWS Well-Architected Framework does this ability represent?
A. Cost optimization
B. Performance efficiency
C. Reliability
D. Security
Correct Answer: C

Question #189
806 # Which AWS service tracks API calls and user activity?
A. AWS Organizations
B. AWS Config
C. Amazon CloudWatch
D. AWS CloudTrail
Correct Answer: D

Question #190
807 # Which AWS service, feature, or tool uses machine learning to continuously monitor cost and usage for unusual cloud spending?
A. Amazon Lookout for Metrics
B. AWS Budgets
C. Amazon CloudWatch
D. AWS Cost Anomaly Detection
Correct Answer: D

Question #171
808 # A company has multiple applications and is now building a new multi-tier application. The company will host the new application on Amazon EC2 instances. The company wants the network routing and traffic between the various applications to follow the security principle of least privilege. Which AWS service or feature should the company use to enforce this principle?
A. Security groups
B. AWS Shield
C. AWS Global Accelerator
D. AWS Direct Connect gateway
Correct Answer: A

Question #172
809 # A company's web application requires AWS credentials and authorizations to use an AWS service. Which IAM entity should the company use as best practice?
A. IAM role
B. IAM user
C. IAM group
D. IAM multi-factor authentication (MFA)
Correct Answer: A

Question #173
810 # A company is creating a document that defines the operating system patch routine for all the company's systems. Which AWS resources should the company include in this document? (Choose two.)
A. Amazon EC2 instances
B. AWS Lambda functions
C. AWS Fargate tasks
D. Amazon RDS instances
E. Amazon Elastic Container Service (Amazon ECS) instances
Correct Answer: AD

Question #174
811 # Which AWS service or feature gives a company the ability to control incoming traffic and outgoing traffic for Amazon EC2 instances?
A. Security groups
B. Amazon Route 53
C. AWS Direct Connect
D. Amazon VPC
Correct Answer: A

Question #175
812 # A company is starting to build its infrastructure in the AWS Cloud. The company wants access to technical support during business hours. The company also wants general architectural guidance as teams build and test new applications. Which AWS Support plan will meet these requirements at the LOWEST cost?
A. AWS Basic Support
B. AWS Developer Support
C. AWS Business Support
D. AWS Enterprise Support
Correct Answer: B

Question #176
813 # A company is migrating its public website to AWS. The company wants to host the domain name for the website on AWS. Which AWS service should the company use to meet this requirement?
A. AWS Lambda
B. Amazon Route 53
C. Amazon CloudFront
D. AWS Direct Connect
Correct Answer: B

Question #177
814 # A company needs to evaluate its AWS environment and provide best practice recommendations in five categories: cost, performance, service limits, fault tolerance, and security. Which AWS service can the company use to meet these requirements?
A. AWS Shield
B. AWS WAF
C. AWS Trusted Advisor
D. AWS Service Catalog
Correct Answer: C

Question #178
815 # Which AWS service provides the capability to view end-to-end performance metrics and troubleshoot distributed applications?
A. AWS Cloud9
B. AWS CodeStar
C. AWS Cloud Map
D. AWS X-Ray
Correct Answer: D

Question #179
816 # Which cloud computing benefit does AWS demonstrate with its ability to offer lower variable costs as a result of high purchase volumes?
A. Pay-as-you-go pricing
B. High availability
C. Global reach
D. Economies of scale
Correct Answer: D

Question #180
817 # Which AWS service provides threat detection by monitoring for malicious activities and unauthorized actions to protect AWS accounts, workloads, and data that is stored in Amazon S3?
A. AWS Shield
B. AWS Firewall Manager
C. Amazon GuardDuty
D. Amazon Inspector
Correct Answer: C

Question #161
818 # Which task is an AWS responsibility when a workload is running in Amazon RDS?
A. Creating the database table
B. Updating the database schema
C. Installing the database engine
D. Dropping the database records
Correct Answer: C

Question #162
819 # A development team wants to publish and manage web services that provide REST APIs. Which AWS service will meet this requirement?
A. AWS App Mesh
B. Amazon API Gateway

C. Amazon CloudFront
D. AWS Cloud Map
Correct Answer: B

Question #163
820 # A company has a social media platform in which users upload and share photos with other users. The company wants to identify and remove inappropriate photos. The company has no machine learning (ML) scientists and must build this detection capability with no ML expertise. Which AWS service should the company use to build this capability?
A. Amazon SageMaker
B. Amazon Textract
C. Amazon Rekognition
D. Amazon Comprehend
Correct Answer: C

Question #164
821 # Which responsibility belongs to AWS when a company hosts its databases on Amazon EC2 instances?
A. Database backups
B. Database software patches
C. Operating system patches
D. Operating system installations.
Correct Answer: D

Question #165
822 # A company wants to use Amazon S3 to store its legacy data. The data is rarely accessed. However, the data is critical and cannot be recreated. The data needs to be available for retrieval within seconds. Which S3 storage class meets these requirements MOST cost-effectively?
A. S3 Standard
B. S3 One Zone-Infrequent Access (S3 One Zone-IA)
C. S3 Standard-Infrequent Access (S3 Standard-IA)
D. S3 Glacier
Correct Answer: C

Question #166
823 # An online retail company wants to migrate its on-premises workload to AWS. The company needs to automatically handle a seasonal workload increase in a cost-effective manner. Which AWS Cloud features will help the company meet this requirement? (Choose two.)
A. Cross-Region workload deployment
B. Pay-as-you-go pricing
C. Built-in AWS CloudTrail audit capabilities
D. Auto Scaling policies
E. Centralized logging
Correct Answer: BD

Question #167
824 # Which AWS service helps developers use loose coupling and reliable messaging between microservices?
A. Elastic Load Balancing
B. Amazon Simple Notification Service (Amazon SNS)
C. Amazon CloudFront
D. Amazon Simple Queue Service (Amazon SQS)
Correct Answer: D

Question #168
825 # A company needs to build an application that uses AWS services. The application will be delivered to residents in European Counties. The company must abide by regional regulatory requirements. Which AWS service or program should the company use to determine which AWS services meet the regional requirements?
A. AWS Audit Manager
B. AWS Shield
C. AWS Compliance Program
D. AWS Artifact
Correct Answer: C

16 September 2023   16:24

Question #169
826 # A company needs to implement identity management for a fleet of mobile apps that are running in the AWS Cloud. Which AWS service will meet this requirement?
A. Amazon Cognito
B. AWS Security Hub
C. AWS Shield
D. AWS WAF
Correct Answer: A

Question #170
827 # A company needs an Amazon EC2 instance for a rightsized database server that must run constantly for 1 year. Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?
A. Standard Reserved Instance
B. Convertible Reserved Instance
C. On-Demand Instance
D. Spot Instance
Correct Answer: A

Question #151
828 # A company would like to host its MySQL databases on AWS and maintain full control over the operating system, database installation, and configuration. Which AWS service should the company use to host the databases?
A. Amazon RDS
B. Amazon EC2
C. Amazon DynamoDB
D. Amazon Aurora
Correct Answer: B
Reference:https://d1.awsstatic.com/whitepapers/best-practices-for-running-oracle-database-on-aws.pdf?did=wp_card&trk=wp_card

Question #152
829 # How does the AWS global infrastructure offer high availability and fault tolerance to its users?
A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have lowflood risk, and are interconnected with low-latency networks and redundant power supplies.
B. The AWS infrastructure consists of subnets containing various Availability Zones with multiple data centers located in thesame geographic location.
C. AWS allows users to choose AWS Regions and data centers so that users can select the closest data centers in different Regions.
D. The AWS infrastructure consists of isolated AWS Regions with independent Availability Zones that are connected with lowlatency networking and redundant power supplies.
Correct Answer: D

Question #153
830 # A company is using Amazon EC2 Auto Scaling to scale its Amazon EC2 instances. Which benefit of the AWS Cloud does thisexample illustrate?
A. High availability
B. Elasticity
C. Reliability
D. Global reach
Correct Answer: B

Question #154
831 # Which AWS service or feature is used to send both text and email messages from distributed applications?
A. Amazon Simple Notification Service (Amazon SNS)
B. Amazon Simple Email Service (Amazon SES)
C. Amazon CloudWatch alerts
D. Amazon Simple Queue Service (Amazon SQS)
Correct Answer: A
Reference:https://aws.amazon.com/getting-started/hands-on/send-messages-distributed-applications/#:~:text=Send%20Messages%20Between%20Distributed%20Applications%20with%20Amazon%20Simple%20Queue%20Service%20(SQS)

Question #155
832 # A user is able to set up a master payer account to view consolidated billing reports through:
A. AWS Budgets
B. Amazon Macie
C. Amazon QuickSight
D. AWS Organizations
Correct Answer: D
Reference:https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/consolidated-billing.html

Question #156
833 # According to the AWS shared responsibility model, which task is the customer's responsibility?
A. Maintaining the infrastructure needed to run AWS Lambda
B. Updating the operating system of Amazon DynamoDB instances
C. Maintaining Amazon S3 infrastructure
D. Updating the guest operating system on Amazon EC2 instances
Correct Answer: D
Reference:https://aws.amazon.com/compliance/shared-responsibility-model/#:~:text=Customers%20are%20responsible%20for%20managing,also%20extends%20to%20IT%20controls

Question #157
834 # A company wants to migrate a small website and database quickly from on-premises infrastructure to the AWS Cloud. The company has limited operational knowledge to perform the migration. Which AWS service supports this use case?
A. Amazon EC2
B. Amazon Lightsail
C. Amazon S3
D. AWS Lambda
Correct Answer: B

Question #158
835 # A company is moving multiple applications to a single AWS account. The company wants to monitor the AWS Cloud costs incurred by each application. What can the company do to meet this requirement?
A. Set up invoiced billing
B. Use AWS Artifact
C. Set budgets in Cost Explorer
D. Create cost allocation tags
Correct Answer: D

Question #159
836 # Which design principle is achieved by following the reliability pillar of the AWS Well-Architected Framework?
A. Vertical scaling
B. Manual failure recovery
C. Testing recovery procedures
D. Changing infrastructure manually
Correct Answer: C
Reference:https://aws.amazon.com/blogs/apn/the-5-pillars-of-the-aws-well-architected-framework/

Question #160
837 # A user needs to quickly deploy a non-relational database on AWS. The user does not want to manage the underlying hardware or the database software. Which AWS service can be used to accomplish this?
A. Amazon RDS
B. Amazon DynamoDB
C. Amazon Aurora
D. Amazon Redshift
Correct Answer: B
Reference:https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/SQLtoNoSQL.html

Question #141
838 # Which benefit is included with an AWS Enterprise Support plan?
A. AWS Partner Network (APN) support at no cost.
B. Designated support from an AWS technical account manager (TAM)
C. On-site support from AWS engineers
D. AWS managed compliance as code with AWS Config
Correct Answer: B

Question #142
839 # Which task does AWS perform automatically?
A. Encrypt data that is stored in Amazon DynamoDB.
B. Patch Amazon EC2 instances.
C. Encrypt user network traffic.
D. Create TLS certificates for users' websites.
Correct Answer: A

Question #143

840 # Which AWS service or tool can a company use to visualize, understand, and manage AWS spending and usage over time?
A. AWS Trusted Advisor
B. Amazon CloudWatch
C. Cost Explorer
D. AWS Budgets
Correct Answer: C

Question #144
841 # A company wants to deploy some of its resources in the AWS Cloud. To meet regulatory requirements, the data must remain local and on premises. There must be low latency between AWS and the company resources. Which AWS service or feature can be used to meet these requirements?
A. AWS Local Zones
B. Availability Zones
C. AWS Outposts
D. AWS Wavelength Zones
Correct Answer: C
Reference:https://d1.awsstatic.com/whitepapers/hybrid-cloud-with-aws.pdf

Question #145
842 # A company requires an isolated environment within AWS for security purposes. Which action can be taken to accomplish this?
A. Create a separate Availability Zone to host the resources.
B. Create a separate VPC to host the resources.
C. Create a placement group to host the resources.
D. Create an AWS Direct Connect connection between the company and AWS.
Correct Answer: B
Reference:https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/infrastructure-security.html

Question #146
843 # Which AWS service is a highly available and scalable DNS web service?
A. Amazon VPC
B. Amazon CloudFront
C. Amazon Route 53
D. Amazon Connect
Correct Answer: C
Reference:https://aws.amazon.com/route53/

Question #147
844 # Which of the following is an AWS best practice for managing an AWS account root user?
A. Keep the root user password with the security team.
B. Enable multi-factor authentication (MFA) for the root user.
C. Create an access key for the root user.
D. Keep the root user password consistent for compliance purposes.
Correct Answer: B
Reference:https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html

Question #148
845 # A company wants to improve its security and audit posture by limiting Amazon EC2 inbound access. What should the company use to access instances remotely instead of opening inbound SSH ports and managing SSH keys?
A. EC2 key pairs
B. AWS Systems Manager Session Manager
C. AWS Identity and Access Management (IAM)
D. Network ACLs
Correct Answer: B
Reference:https://docs.aws.amazon.com/systems-manager/latest/userguide/session-manager.html

Question #149
846 # After selecting an Amazon EC2 Dedicated Host reservation, which pricing option would provide the largest discount?
A. No upfront payment
B. Hourly on-demand payment
C. Partial upfront payment
D. All upfront payment
Correct Answer: D
Reference:https://aws.amazon.com/ec2/pricing/reserved-instances/pricing/

Question #150
847 # A company has refined its workload to use specific AWS services to improve efficiency and reduce cost. Which best practice for cost governance does this example show?
A. Resource controls
B. Cost allocation
C. Architecture optimization
D. Tagging enforcement
Correct Answer: C
Reference:https://d1.awsstatic.com/whitepapers/architecture/AWS-Cost-Optimization-Pillar.pdf

Question #131
848 # Under the AWS shared responsibility model, which task is the customer's responsibility when managing AWS Lambda functions?
A. Creating versions of Lambda functions
B. Maintaining server and operating systems
C. Scaling Lambda resources according to demand
D. Updating the Lambda runtime environment
Correct Answer: A

Question #132
849 # What does the AWS Concierge Support team provide?
A. A technical expert dedicated to the user
B. A primary point of contact for AWS Billing and AWS Support
C. A partner to help provide scaling guidance for an event launch
D. A dedicated AWS staff member who reviews the user's application architecture
Correct Answer: B

Question #133
850 # A company needs to generate reports that can break down cloud costs by product, by company-defined tags, and by hour, day, and month. Which AWS tool should the company use to meet these requirements?
A. Reserved Instance utilization and coverage reports
B. Savings Plans utilization reports
C. AWS Budgets reports
D. AWS Cost and Usage Reports
Correct Answer: D

851-875 DONE

Question #134
851 # A company has a serverless application that includes an Amazon API Gateway API, an AWS Lambda function, and an Amazon DynamoDB database. Which AWS service can the company use to trace user requests as they move through the application's components?
A. AWS CloudTrail
B. Amazon CloudWatch
C. Amazon Inspector
D. AWS X-Ray
Correct Answer: D

Question #135
852 # A company needs to set up a petabyte-scale data warehouse in the AWS Cloud. Which AWS service will meet this requirement?
A. Amazon DynamoDB
B. Amazon RDS
C. Amazon Redshift
D. Amazon ElastiCache
Correct Answer: C

Question #136
853 # Which AWS service is always provided at no charge?
A. Amazon S3
B. AWS Identity and Access Management (IAM)
C. Elastic Load Balancers
D. AWS WAF
Correct Answer: B

Question #137
854 # A company needs to design an AWS disaster recovery plan to cover multiple geographic areas. Which action will meet this requirement?
A. Configure multiple AWS accounts.
B. Configure the architecture across multiple Availability Zones in an AWS Region.
C. Configure the architecture across multiple AWS Regions.
D. Configure the architecture among many edge locations.
Correct Answer: C

Question #138
855 # Which of the following is a benefit of moving from an on-premises data center to the AWS Cloud?
A. Compute instances can be launched and terminated as needed to optimize costs.
B. Compute costs can be viewed in the AWS Billing and Cost Management console.
C. Users retain full administrative access to their compute instances.
D. Users can optimize costs by permanently running enough instances at peak load.
Correct Answer: A

Question #139
856 # In which ways does the AWS Cloud offer lower total cost of ownership (TCO) of computing resources than on-premises data centers? (Choose two.)
A. AWS replaces upfront capital expenditures with pay-as-you-go costs.
B. AWS is designed for high availability, which eliminates user downtime.
C. AWS eliminates the need for on-premises IT staff.
D. AWS uses economies of scale to continually reduce prices.
E. AWS offers a single pricing model for Amazon EC2 instances.
Correct Answer: AD

Question #140
857 # Which AWS service monitors AWS accounts for security threats?
A. Amazon GuardDuty
B. AWS Secrets Manager
C. Amazon Cognito
D. AWS Certificate Manager (ACM)
Correct Answer: A

Question #121
858 # Which AWS service provides a feature that can be used to proactively monitor and plan for the service quotas of AWS resources?
A. AWS CloudTrail
B. AWS Personal Health Dashboard
C. AWS Trusted Advisor
D. Amazon CloudWatch
Correct Answer: C

Question #122
859 # Which of the following is an advantage that users experience when they move on-premises workloads to the AWS Cloud?
A. Elimination of expenses for running and maintaining data centers
B. Price discounts that are identical to discounts from hardware providers
C. Distribution of all operational controls to AWS
D. Elimination of operational expenses
Correct Answer: A

Question #123
860 # Which design principle is included in the operational excellence pillar of the AWS Well-Architected Framework?
A. Create annotated documentation.
B. Anticipate failure.
C. Ensure performance efficiency.
D. Optimize costs.
Correct Answer: B

Question #124
861 # Which AWS services offer gateway VPC endpoints that can be used to avoid sending traffic over the internet? (Choose two.)
A. Amazon Simple Notification Service (Amazon SNS)
B. Amazon Simple Queue Service (Amazon SQS)
C. AWS CodeBuild
D. Amazon S3
E. Amazon DynamoDB
Correct Answer: DE

Question #125
862 # Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?
A. Amazon FSx for Windows File Server
B. Amazon WorkSpaces virtual Windows desktop
C. AWS Directory Service for Microsoft Active Directory
D. Amazon RDS for Microsoft SQL Server
Correct Answer: B

Question #126
863 # Who has the responsibility to patch the host operating system of an Amazon EC2 instance, according to the AWS shared responsibility model?
A. Both AWS and the customer
B. The customer only
C. The EC2 hardware manufacturer
D. AWS only
Correct Answer: D

Question #127
864 # A company is using an Amazon RDS DB instance for an application that is deployed in the AWS Cloud. The company needs regular patching of the operating system of the server where the DB instance runs.
What is the company's responsibility in this situation, according to the AWS shared responsibility model?
A. Open a support case to obtain administrative access to the server so that the company can patch the DB instance operating system.
B. Open a support case and request that AWS patch the DB instance operating system.
C. Use administrative access to the server, and apply the operating system patches during the regular maintenance window that is defined for the DB instance.
D. Establish a regular maintenance window that tells AWS when to patch the DB instance operating system.
Correct Answer: D

Question #128
865 # Why is an AWS Well-Architected review a critical part of the cloud design process?
A. A Well-Architected review is mandatory before a workload can run on AWS.
B. A Well-Architected review helps identify design gaps and helps evaluate design decisions and related documents.
C. A Well-Architected review is an audit mechanism that is a part of requirements for service level agreements.
D. A Well-Architected review eliminates the need for ongoing auditing and compliance tests.
Correct Answer: B

Question #129
866 # A company implements an Amazon EC2 Auto Scaling policy along with an Application Load Balancer to automatically recover unhealthy applications that run on Amazon EC2 instances. Which pillar of the AWS Well-Architected Framework does this action cover?
A. Security
B. Performance efficiency
C. Operational excellence
D. Reliability
Correct Answer: D
Reference:https://docs.aws.amazon.com/wellarchitected/latest/reliability-pillar/wellarchitected-reliability-pillar.pdf

Question #130
867 # Which AWS Cloud benefit is shown by an architecture's ability to withstand failures with minimal downtime?
A. Agility
B. Elasticity
C. Scalability
D. High availability
Correct Answer: D

Question #111
868 # Which AWS service of tool helps to centrally manage billing and allow controlled access to resources across AWS accounts?
A. AWS Identity and Access Management (IAM)
B. AWS Organizations
C. Cost Explorer
D. AWS Budgets
Correct Answer: B

Question #112
869 # Which of the following are Amazon Virtual Private Cloud (Amazon VPC) resources?
A. Objects; access control lists (ACLs)
B. Subnets; internet gateways
C. Access policies; buckets
D. Groups; roles
Correct Answer: B

Question #113
870 # A company needs to identify the last time that a specific user accessed the AWS Management Console. Which AWS service will provide this information?
A. Amazon Cognito
B. AWS CloudTrail
C. Amazon Inspector
D. Amazon GuardDuty
Correct Answer: B

Question #114

871 # A company launched an Amazon EC2 instance with the latest Amazon Linux 2 Amazon Machine Image (AMI). Which actions can a system administrator take to connect to the EC2 instance? (Choose two.)
A. Use Amazon EC2 Instance Connect.
B. Use a Remote Desktop Protocol (RDP) connection.
C. Use AWS Batch
D. Use AWS Systems Manager Session Manager.
E. Use Amazon Connect
Correct Answer: AD

Question #115
872 # A company wants to perform sentiment analysis on customer service email messages that it receives. The company wants to identify whether the customer service engagement was positive or negative. Which AWS service should the company use to perform this analysis?
A. Amazon Textract
B. Amazon Translate
C. Amazon Comprehend
D. Amazon Rekognition
Correct Answer: C

Question #116
873 # What is the total amount of storage offered by Amazon S3?
A. 100MB
B. 5 GB
C. 5 TB
D. Unlimited
Correct Answer: D

Question #117
874 # A company is migrating to Amazon S3. The company needs to transfer 60 TB of data from an on-premises data center to AWS within 10 days. Which AWS service should the company use to accomplish this migration?
A. Amazon S3 Glacier
B. AWS Database Migration Service (AWS DMS)
C. AWS Snowball
D. AWS Direct Connect
Correct Answer: C

Question #118
875 # What type of database is Amazon DynamoDB?
A. In-memory
B. Relational
C. Key-value
D. Graph
Correct Answer: C

16 September 2023   16:24

Question #119
876 # A large organization has a single AWS account. What are the advantages of reconfiguring the single account into multiple AWS accounts? (Choose two.)
A. It allows for administrative isolation between different workloads.
B. Discounts can be applied on a quarterly basis by submitting cases in the AWS Management Console.
C. Transitioning objects from Amazon S3 to Amazon S3 Glacier in separate AWS accounts will be less expensive.
D. Having multiple accounts reduces the risks associated with malicious activity targeted at a single account.
E. Amazon QuickSight offers access to a cost tool that provides application-specific recommendations for environments running in multiple accounts.
Correct Answer: AD

Question #120
877 # A retail company has recently migrated its website to AWS. The company wants to ensure that it is protected from SQL injection attacks. The website uses an Application Load Balancer to distribute traffic to multiple Amazon EC2 instances. Which AWS service or feature can be used to create a custom rule that blocks SQL injection attacks?
A. Security groups
B. AWS WAF
C. Network ACLs
D. AWS Shield
Correct Answer: B

Question #101
878 # Which AWS service can be used to decouple applications?
A. AWS Config
B. Amazon Simple Queue Service (Amazon SQS)
C. AWS Batch
D. Amazon Simple Email Service (Amazon SES)
Correct Answer: B

Question #102
879 # Which disaster recovery option is the LEAST expensive?
A. Warm standby
B. Multisite
C. Backup and restore
D. Pilot light
Correct Answer: C

Question #103
880 # Which type of AWS storage is ephemeral and is deleted when an Amazon EC2 instance is stopped or terminated?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon EC2 instance store
C. Amazon Elastic File System (Amazon EFS)
D. Amazon S3
Correct Answer: B
When you stop or terminate an instance, every block of storage in the instance store is reset. Therefore, your data cannot be accessed through the instance store of another instance.
Reference:https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/InstanceStorage.html

Question #104
881 # Which of the following is a characteristic of the AWS account root user?
A. The root user is the only user that can be configured with multi-factor authentication (MFA).
B. The root user is the only user that can access the AWS Management Console.
C. The root user is the first sign-in identity that is available when an AWS account is created.
D. The root user has a password that cannot be changed.
Correct Answer: C
Reference:https://docs.aws.amazon.com/IAM/latest/UserGuide/id_root-user.html

Question #105
882 # A company hosts an application on an Amazon EC2 instance. The EC2 instance needs to access several AWS resources, including Amazon S3 and Amazon DynamoDB. What is the MOST operationally efficient solution to delegate permissions?
A. Create an IAM role with the required permissions. Attach the role to the EC2 instance.
B. Create an IAM user and use its access key and secret access key in the application.
C. Create an IAM user and use its access key and secret access key to create a CLI profile in the EC2 instance
D. Create an IAM role with the required permissions. Attach the role to the administrative IAM user.
Correct Answer: A
Reference:https://docs.aws.amazon.com/IAM/latest/UserGuide/id_roles_use_switch-role-ec2.html

Question #106
883 # Which of the following is a component of the AWS Global Infrastructure?
A. Amazon Alexa
B. AWS Regions
C. Amazon Lightsail
D. AWS Organizations
Correct Answer: B
Reference:https://aws.amazon.com/about-aws/global-infrastructure/

Question #107
884 # What is the purpose of having an internet gateway within a VPC?
A. To create a VPN connection to the VPC
B. To allow communication between the VPC and the internet
C. To impose bandwidth constraints on internet traffic
D. To load balance traffic from the internet across Amazon EC2 instances
Correct Answer: B

Question #108
885 # Which AWS service allows users to download security and compliance reports about the AWS infrastructure on demand?
A. Amazon GuardDuty
B. AWS Security Hub
C. AWS Artifact
D. AWS Shield
Correct Answer: C

Question #109
886 # A pharmaceutical company operates its infrastructure in a single AWS Region. The company has thousands of VPCs in a various AWS accounts that it wants to interconnect. Which AWS service or feature should the company use to help simplify management and reduce operational costs?
A. VPC endpoint
B. AWS Direct Connect
C. AWS Transit Gateway
D. VPC peering
Correct Answer: C
Reference:https://d1.awsstatic.com/whitepapers/building-a-scalable-and-secure-multi-vpc-aws-network-infrastructure.pdf

Question #110
887 # A company is planning an infrastructure deployment to the AWS Cloud. Before the deployment, the company wants a cost estimate for running the infrastructure. Which AWS service or feature can provide this information?
A. Cost Explorer
B. AWS Trusted Advisor
C. AWS Cost and Usage Report
D. AWS Pricing Calculator
Correct Answer: D

Question #91
888 # Which AWS service is used to provide encryption for Amazon EBS?
A. AWS Certificate Manager
B. AWS Systems Manager
C. AWS KMS
D. AWS Config
Correct Answer: C

Question #92
889 # Which AWS services make use of global edge locations? (Choose two.)
A. AWS Fargate

B. Amazon CloudFront
C. AWS Global Accelerator
D. AWS Wavelength
E. Amazon VPC
Correct Answer: BC
Reference:https://www.lastweekinaws.com/blog/what-is-an-edge-location-in-aws-a-simple-explanation/#:~:text=CloudFront%20is%20the%20most%20commonly,caches%20content%20in%20edge%20locations

Question #93
890 # A company is operating several factories where it builds products. The company needs the ability to process data, store data, and run applications with local system interdependencies that require low latency. Which AWS service should the company use to meet these requirements?
A. AWS IoT Greengrass
B. AWS Lambda
C. AWS Outposts
D. AWS Snowball Edge
Correct Answer: C

Question #94
891 # Which of the following is a recommended design principle for AWS Cloud architecture?
A. Design tightly coupled components.
B. Build a single application component that can handle all the application functionality.
C. Make large changes on fewer iterations to reduce chances of failure.
D. Avoid monolithic architecture by segmenting workloads.
Correct Answer: D

Question #95
892 # A company is designing its AWS workloads so that components can be updated regularly and so that changes can be made in small, reversible increments. Which pillar of the AWS Well-Architected Framework does this design support?
A. Security
B. Performance efficiency
C. Operational excellence
D. Reliability
Correct Answer: C

Question #96
893 # Which of the following acts as an instance-level firewall to control inbound and outbound access?
A. Network access control list
B. Security groups
C. AWS Trusted Advisor
D. Virtual private gateways
Correct Answer: B

Question #97
894 # A company has a workload that will run continuously for 1 year. The workload cannot tolerate service interruptions. Which Amazon EC2 purchasing option will be MOST cost-effective?
A. All Upfront Reserved Instances
B. Partial Upfront Reserved Instances
C. Dedicated Instances
D. On-Demand Instances
Correct Answer: A

Question #98
895 # Which AWS service helps protect against DDoS attacks?
A. AWS Shield
B. Amazon Inspector
C. Amazon GuardDuty
D. Amazon Detective
Correct Answer: A

Question #99
896 # Using AWS Config to record, audit, and evaluate changes to AWS resources to enable traceability is an example of which AWS Well-Architected Framework pillar?
A. Security
B. Operational excellence
C. Performance efficiency
D. Cost optimization
Correct Answer: A
Reference:https://d1.awsstatic.com/whitepapers/architecture/AWS_Well-Architected_Framework.pdf

Question #100
897 # Which AWS tool or feature acts as a VPC firewall at the subnet level?
A. Security group
B. Network ACL
C. Traffic Mirroring
D. Internet gateway
Correct Answer: B

Question #81
898 # A company runs its workloads on premises. The company wants to forecast the cost of running a large application on AWS. Which AWS service or tool can the company use to obtain this information?
A. AWS Pricing Calculator
B. AWS Budgets
C. AWS Trusted Advisor
D. Cost Explorer
Correct Answer: A
Reference:https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/ce-forecast.html

Question #82
899 # A company wants to eliminate the need to guess infrastructure capacity before deployments. The company also wants to spend its budget on cloud resources only as the company uses the resources. Which advantage of the AWS Cloud matches the company's requirements?
A. Reliability
B. Global reach
C. Economies of scale
D. Pay-as-you-go pricing
Correct Answer: D
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #83
900 # Which AWS service supports a hybrid architecture that gives users the ability to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co-location environments, or on-premises facilities?
A. AWS Snowmobile
B. AWS Local Zones
C. AWS Outposts
D. AWS Fargate
Correct Answer: C
Reference:https://aws.amazon.com/outposts/

Question #84
901 # A company has a physical tape library to store data backups. The tape library is running out of space. The company needs to extend the tape library's capacity to the AWS Cloud. Which AWS service should the company use to meet this requirement?
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. Amazon Elastic File System (Amazon EFS)
D. AWS Storage Gateway
Correct Answer: D

Question #85
902 # An online retail company has seasonal sales spikes several times a year, primarily around holidays. Demand is lower at other times. The company finds it difficult to predict the increasing infrastructure demand for each season. Which advantages of moving to the AWS Cloud would MOST benefit the company? (Choose two.)
A. Global footprint
B. Elasticity
C. AWS service quotas
D. AWS shared responsibility model
E. Pay-as-you-go pricing
Correct Answer: BE
Reference:https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

Question #86
903 # Which AWS service can be used to turn text into lifelike speech?
A. Amazon Polly
B. Amazon Kendra
C. Amazon Rekognition
D. Amazon Connect
Correct Answer: A
Reference:https://aws.amazon.com/polly/#:~:text=Amazon%20Polly%20is%20a%20service,synthesize%20natural%20sounding%20human%20speech

Question #87
904 # Which AWS service or tool can be used to capture information about inbound and outbound traffic in an Amazon VPC?
A. VPC Flow Logs
B. Amazon Inspector
C. VPC endpoint services
D. NAT gateway
Correct Answer: A

Question #88
905 # A company wants to ensure that two Amazon EC2 instances are in separate data centers with minimal communication latency between the data centers. How can the company meet this requirement?
A. Place the EC2 instances in two separate AWS Regions connected with a VPC peering connection.
B. Place the EC2 instances in two separate Availability Zones within the same AWS Region.
C. Place one EC2 instance on premises and the other in an AWS Region. Then connect them by using an AWS VPN connection.
D. Place both EC2 instances in a placement group for dedicated bandwidth.
Correct Answer: B

Question #89
906 # In which situations should a company create an IAM user instead of an IAM role? (Choose two.)
A. When an application that runs on Amazon EC2 instances requires access to other AWS services
B. When the company creates AWS access credentials for individuals
C. When the company creates an application that runs on a mobile phone that makes requests to AWS
D. When the company needs to add users to IAM groups
E. When users are authenticated in the corporate network and want to be able to use AWS without having to sign in a second time
Correct Answer: BD

Question #90
907 # Which AWS services should a company use to read and write data that changes frequently? (Choose two.)
A. Amazon S3 Glacier
B. Amazon RDS
C. AWS Snowball
D. Amazon Redshift
E. Amazon Elastic File System (Amazon EFS)
Correct Answer: BE

Question #71
908 # A company has a fleet of cargo ships. The cargo ships have sensors that collect data at sea, where there is intermittent or no internet connectivity. The company needs to collect, format, and process the data at sea and move the data to AWS later. Which AWS service should the company use to meet these requirements?
A. AWS IoT Core
B. Amazon Lightsail
C. AWS Storage Gateway
D. AWS Snowball Edge
Correct Answer: D

Question #72
909 # A retail company needs to build a highly available architecture for a new ecommerce platform. The company is using only AWS services that replicate data across multiple Availability Zones. Which AWS services should the company use to meet this requirement? (Choose two.)
A. Amazon EC2
B. Amazon Elastic Block Store (Amazon EBS)
C. Amazon Aurora
D. Amazon DynamoDB
E. Amazon Redshift
Correct Answer: CD
Reference:https://aws.amazon.com/rds/features/multi-az/#:~:text=Amazon%20Aurora%20further%20extends%20the,ways%2C%20across%20three%20Availability%20Zones

Question #73
910 # Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?
A. Agility
B. Elasticity
C. Reliability
D. Durability
Correct Answer: B

Question #74
911 # Service control policies (SCPs) manage permissions for which of the following?
A. Availability Zones
B. AWS Regions
C. AWS Organizations
D. Edge locations
Correct Answer: C
Reference:https://docs.aws.amazon.com/organizations/latest/userguide/orgs_manage_policies_scps.html

Question #75
912 # Which AWS service can be used to encrypt data at rest?
A. Amazon GuardDuty
B. AWS Shield
C. AWS Security Hub
D. AWS Key Management Service (AWS KMS)
Correct Answer: D
Reference:https://aws.amazon.com/blogs/security/how-to-protect-data-at-rest-with-amazon-ec2-instance-store-encryption/

Question #76
913 # Which characteristics are advantages of using the AWS Cloud? (Choose two.)
A. A 100% service level agreement (SLA) for all AWS services
B. Compute capacity that is adjusted on demand
C. Availability of AWS Support for code development
D. Enhanced security
E. Increases in cost and complexity
Correct Answer: BD
Reference:https://intellipaat.com/blog/aws-benefits-and-drawbacks/

Question #77
914 # A user is storing objects in Amazon S3. The user needs to restrict access to the objects to meet compliance obligations. What should the user do to meet this requirement?
A. Use AWS Secrets Manager.
B. Tag the objects in the S3 bucket.
C. Use security groups.
D. Use network ACLs.
Correct Answer: B

Question #78
915 # A company wants to convert video files and audio files from their source format into a format that will play on smartphones, tablets, and web browsers. Which AWS service will meet these requirements?
A. Amazon Elastic Transcoder
B. Amazon Comprehend
C. AWS Glue
D. Amazon Rekognition
Correct Answer: A

Question #79
916 # Which of the following are benefits of Amazon EC2 Auto Scaling? (Choose two.)
A. Improved health and availability of applications
B. Reduced network latency
C. Optimized performance and costs
D. Automated snapshots of data
E. Cross-Region Replication
Correct Answer: AC

Question #80
917 # A company has several departments. Each department has its own AWS accounts for its applications. The company wants all AWS costs on a single invoice to simplify payment, but the company wants to know the costs that each department is incurring. Which AWS tool or feature will provide this functionality?
A. AWS Cost and Usage Reports
B. Consolidated billing
C. Savings Plans
D. AWS Budgets
Correct Answer: B

Question #61
918 # A company that has multiple business units wants to centrally manage and govern its AWS Cloud environments. The company wants to automate the creation of AWS accounts, apply service control policies (SCPs), and simplify billing processes. Which AWS service or tool should the company use to meet these requirements?
A. AWS Organizations
B. Cost Explorer
C. AWS Budgets
D. AWS Trusted Advisor
Correct Answer: A

Question #62
919 # Which IT controls do AWS and the customer share, according to the AWS shared responsibility model? (Choose two.)
A. Physical and environmental controls
B. Patch management
C. Cloud awareness and training
D. Zone security
E. Application data encryption
Correct Answer: BC

Question #63
920 # A company is launching an application in the AWS Cloud. The application will use Amazon S3 storage. 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 S3 feature should the company turn on to meet this requirement?
A. Server access logging
B. S3 Versioning
C. S3 Lifecycle rules
D. Encryption in transit and at rest
Correct Answer: B

Question #64
921 # A manufacturing company has a critical application that runs at a remote site that has a slow internet connection. The company wants to migrate the workload to AWS. The application is sensitive to latency and interruptions in connectivity. The company wants a solution that can host this application with minimum latency. Which AWS service or feature should the company use to meet these requirements?
A. Availability Zones
B. AWS Local Zones
C. AWS Wavelength
D. AWS Outposts
Correct Answer: D

Question #65
922 # A company wants to migrate its applications from its on-premises data center to a VPC in the AWS Cloud. These applications will need to access on-premises resources. Which actions will meet these requirements? (Choose two.)
A. Use AWS Service Catalog to identify a list of on-premises resources that can be migrated.
B. Create a VPN connection between an on-premises device and a virtual private gateway in the VPC.
C. Use an Amazon CloudFront distribution and configure it to accelerate content delivery close to the on-premises resources.
D. Set up an AWS Direct Connect connection between the on-premises data center and AWS.
E. Use Amazon CloudFront to restrict access to static web content provided through the on-premises web servers.
Correct Answer: BD

Question #66
923 # A company wants to use the AWS Cloud to provide secure access to desktop applications that are running in a fully managed environment. Which AWS service should the company use to meet this requirement?
A. Amazon S3
B. Amazon AppStream 2.0
C. AWS AppSync
D. AWS Outposts
Correct Answer: B

Question #67
924 # A company wants to implement threat detection on its AWS infrastructure. However, the company does not want to deploy additional software. Which AWS service should the company use to meet these requirements?
A. Amazon VPC
B. Amazon EC2
C. Amazon GuardDuty
D. AWS Direct Connect
Correct Answer: C

Question #68
925 # Which AWS service uses edge locations?
A. Amazon Aurora
B. AWS Global Accelerator
C. Amazon Connect
D. AWS Outposts
Correct Answer: B
Reference:https://aws.amazon.com/global-accelerator/

16 September 2023   16:24

Question #69
926 # A company needs to install an application in a Docker container. Which AWS service eliminates the need to provision and manage the container hosts?
A. AWS Fargate
B. Amazon FSx for Windows File Server
C. Amazon Elastic Container Service (Amazon ECS)
D. Amazon EC2
Correct Answer: A

Question #70
927 # Which AWS service or feature checks access policies and offers actionable recommendations to help users set secure and functional policies?
A. AWS Systems Manager
B. AWS IAM Access Analyzer
C. AWS Trusted Advisor
D. Amazon GuardDuty
Correct Answer: B

Question #51
928 # Which AWS service uses machine learning to help discover, monitor, and protect sensitive data that is stored in Amazon S3 buckets?
A. AWS Shield
B. Amazon Macie
C. AWS Network Firewall
D. Amazon Cognito
Correct Answer: B

Question #52
929 # A company wants to improve the overall availability and performance of its applications that are hosted on AWS. Which AWS service should the company use?
A. Amazon Connect
B. Amazon Lightsail
C. AWS Global Accelerator
D. AWS Storage Gateway
Correct Answer: C

Question #53
930 # Which AWS service or feature identifies whether an Amazon S3 bucket or an IAM role has been shared with an external entity?
A. AWS Service Catalog
B. AWS Systems Manager
C. AWS IAM Access Analyzer
D. AWS Organizations
Correct Answer: C

Question #54
931 # A company does not want to rely on elaborate forecasting to determine its usage of compute resources. Instead, the company wants to pay only for the resources that it uses. The company also needs the ability to increase or decrease its resource usage to meet business requirements.
Which pillar of the AWS Well-Architected Framework aligns with these requirements?
A. Operational excellence
B. Security
C. Reliability
D. Cost optimization
Correct Answer: D

Question #55
932 # A company wants to launch its workload on AWS and requires the system to automatically recover from failure. Which pillar of the AWS Well-Architected Framework includes this requirement?
A. Cost optimization
B. Operational excellence
C. Performance efficiency
D. Reliability
Correct Answer: D

Question #56
933 # A large enterprise with multiple VPCs in several AWS Regions around the world needs to connect and centrally manage network connectivity between its VPCs. Which AWS service or feature meets these requirements?
A. AWS Direct Connect
B. AWS Transit Gateway
C. AWS Site-to-Site VPN
D. VPC endpoints
Correct Answer: B

Question #57
934 # Which AWS service supports the creation of visual reports from AWS Cost and Usage Report data?
A. Amazon Athena
B. Amazon QuickSight
C. Amazon CloudWatch
D. AWS Organizations
Correct Answer: B

Question #58
935 # Which AWS service should be used to monitor Amazon EC2 instances for CPU and network utilization?
A. Amazon Inspector
B. AWS CloudTrail
C. Amazon CloudWatch
D. AWS Config
Correct Answer: C

Question #59
936 # A company is preparing to launch a new web store that is expected to receive high traffic for an upcoming event. The web store runs only on AWS, and the company has an AWS Enterprise Support plan. Which AWS resource will provide guidance about how the company should scale its architecture and operational support during the event?
A. AWS Abuse team
B. The designated AWS technical account manager (TAM)
C. AWS infrastructure event management
D. AWS Professional Services
Correct Answer: C

Question #60
937 # A user wants to deploy a service to the AWS Cloud by using infrastructure-as-code (IaC) principles. Which AWS service can be used to meet this requirement?
A. AWS Systems Manager
B. AWS CloudFormation
C. AWS CodeCommit
D. AWS Config
Correct Answer: B

Question #41
938 # Which tasks are the responsibility of AWS, according to the AWS shared responsibility model? (Choose two.)
A. Patch the Amazon EC2 guest operating system.
B. Upgrade the firmware of the network infrastructure.
C. Apply password rotation for IAM users.
D. Maintain the physical security of edge locations.
E. Maintain least privilege access to the root user account.
Correct Answer: BD

Question #42
939 # Which of the following are features of network ACLs as they are used in the AWS Cloud? (Choose two.)
A. They are stateless.
B. They are stateful.
C. They evaluate all rules before allowing traffic.
D. They process rules in order, starting with the lowest numbered rule, when deciding whether to allow traffic.
E. They operate at the instance level.
Correct Answer: AD

Question #43
940 # A company has designed its AWS Cloud infrastructure to run its workloads effectively. The company also has protocols in place to continuously improve supporting processes. Which pillar of the AWS Well-Architected Framework does this scenario represent?
A. Security
B. Performance efficiency
C. Cost optimization
D. Operational excellence
Correct Answer: D

Question #44
941 # Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload?
A. Amazon Route 53
B. Amazon Macie
C. AWS Direct Connect
D. AWS PrivateLink
Correct Answer: C

Question #45
942 # A company needs to graphically visualize AWS billing and usage over time. The company also needs information about its AWS monthly costs. Which AWS Billing and Cost Management tool provides this data in a graphical format?
A. AWS Bills
B. Cost Explorer
C. AWS Cost and Usage Report
D. AWS Budgets
Correct Answer: B

Question #46
943 # A company wants to run production workloads on AWS. The company needs concierge service, a designated AWS technical account manager (TAM), and technical support that is available 24 hours a day, 7 days a week. Which AWS Support plan will meet these requirements?
A. AWS Basic Support
B. AWS Enterprise Support
C. AWS Business Support
D. AWS Developer Support
Correct Answer: B

Question #47
944 # Which architecture design principle describes the need to isolate failures between dependent components in the AWS Cloud?
A. Use a monolithic design.
B. Design for automation.
C. Design for single points of failure.
D. Loosely couple components.
Correct Answer: D

Question #48
945 # Which AWS services are managed database services? (Choose two.)
A. Amazon Elastic Block Store (Amazon EBS)
B. Amazon S3
C. Amazon RDS
D. Amazon Elastic File System (Amazon EFS)
E. Amazon DynamoDB
Correct Answer: CE

Question #49
946 # A company is using the AWS Free Tier for several AWS services for an application. What will happen if the Free Tier usage period expires or if the application use exceeds the Free Tier usage limits?
A. The company will be charged the standard pay-as-you-go service rates for the usage that exceeds the Free Tier usage.
B. AWS Support will contact the company to set up standard service charges.
C. The company will be charged for the services it consumed during the Free Tier period, plus additional charges for service consumption after the Free Tier period.
D. The company's AWS account will be frozen and can be restarted after a payment plan is established.
Correct Answer: A

Question #50
947 # A company recently deployed an Amazon RDS instance in its VPC. The company needs to implement a stateful firewall to limit traffic to the private corporate network. Which AWS service or feature should the company use to limit network traffic directly to its RDS instance?
A. Network ACLs
B. Security groups
C. AWS WAF
D. Amazon GuardDuty
Correct Answer: B

Question #31
948 # A company has a single Amazon EC2 instance. The company wants to adopt a highly available architecture. What can the company do to meet this requirement?
A. Scale vertically to a larger EC2 instance size.
B. Scale horizontally across multiple Availability Zones.
C. Purchase an EC2 Dedicated Instance.
D. Change the EC2 instance family to a compute optimized instance.
Correct Answer: B

Question #32
949 # A company's on-premises application deployment cycle was 3-4 weeks. After migrating to the AWS Cloud, the company can deploy the application in 2-3 days. Which benefit has this company experienced by moving to the AWS Cloud?
A. Elasticity
B. Flexibility
C. Agility
D. Resilience
Correct Answer: C

Question #33
950 # Which of the following are included in AWS Enterprise Support? (Choose two.)
A. AWS technical account manager (TAM)
B. AWS partner-led support
C. AWS Professional Services
D. Support of third-party software integration to AWS
E. 5-minute response time for critical issues
Correct Answer: AD

Question #34
951 # A global media company uses AWS Organizations to manage multiple AWS accounts. Which AWS service or feature can the company use to limit the access to AWS services for member accounts?
A. AWS Identity and Access Management (IAM)
B. Service control policies (SCPs)
C. Organizational units (OUs)
D. Access control lists (ACLs)
Correct Answer: B

Question #35
952 # A company wants to limit its employees' AWS access to a portfolio of predefined AWS resources. Which AWS solution should the company use to meet this requirement?
A. AWS Config
B. AWS software development kits (SDKs)
C. AWS Service Catalog
D. AWS AppSync
Correct Answer: C

Question #36
953 # An online company was running a workload on premises and was struggling to launch new products and features. After migrating the workload to AWS, the company can quickly launch products and features and can scale its infrastructure as required. Which AWS Cloud value proposition does this scenario describe?
A. Business agility
B. High availability
C. Security
D. Centralized auditing
Correct Answer: A

Question #37
954 # Which of the following are advantages of the AWS Cloud? (Choose two.)
A. AWS management of user-owned infrastructure
B. Ability to quickly change required capacity
C. High economies of scale
D. Increased deployment time to market
E. Increased fixed expenses
Correct Answer: BC

Question #38
955 # 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?
A. Launch globally in minutes
B. Increase speed and agility
C. High economies of scale
D. No guessing about compute capacity
Correct Answer: C

Question #39
956 # A company has a database server that is always running. The company hosts the server on Amazon EC2 instances. The instance sizes are suitable for the workload. The workload will run for 1 year. Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?
A. Standard Reserved Instances
B. On-Demand Instances
C. Spot Instances
D. Convertible Reserved Instances
Correct Answer: A

Question #40
957 # A company is developing a mobile app that needs a high-performance NoSQL database. Which AWS services could the company use for this database? (Choose two.)
A. Amazon Aurora
B. Amazon RDS
C. Amazon Redshift
D. Amazon DocumentDB (with MongoDB compatibility)
E. Amazon DynamoDB
Correct Answer: DE

Question #21
958 # 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?
A. Amazon Simple Queue Service (Amazon SQS) and AWS Lambda
B. AWS Data Pipeline and Amazon EC2
C. Amazon Kinesis and Amazon Athena
D. AWS Amplify and AWS AppSync
Correct Answer: A

Question #22
959 # What is the scope of a VPC within the AWS network?
A. A VPC can span all Availability Zones globally.
B. A VPC must span at least two subnets in each AWS Region.
C. A VPC must span at least two edge locations in each AWS Region.
D. A VPC can span all Availability Zones within an AWS Region.
Correct Answer: D

Question #23
960 # Which of the following are components of an AWS Site-to-Site VPN connection? (Choose two.)
A. AWS Storage Gateway
B. Virtual private gateway
C. NAT gateway
D. Customer gateway
E. Internet gateway
Correct Answer: BD

Question #24
961 # A company needs to establish a connection between two VPCs. The VPCs are located in two different AWS Regions. The company wants to use the existing infrastructure of the VPCs for this connection. Which AWS service or feature can be used to establish this connection?
A. AWS Client VPN
B. VPC peering
C. AWS Direct Connect
D. VPC endpoints
Correct Answer: B
Reference:https://docs.aws.amazon.com/vpc/latest/peering/what-is-vpc-peering.html

Question #25
962 # According to the AWS shared responsibility model, what responsibility does a customer have when using Amazon RDS to host a database?
A. Manage connections to the database
B. Install Microsoft SQL Server
C. Design encryption-at-rest strategies
D. Apply minor database patches
Correct Answer: A

Question #26
963 # What are some advantages of using Amazon EC2 instances to host applications in the AWS Cloud instead of on premises? (Choose two.)
A. EC2 includes operating system patch management.
B. EC2 integrates with Amazon VPC, AWS CloudTrail, and AWS Identity and Access Management (IAM).
C. EC2 has a 100% service level agreement (SLA).
D. EC2 has a flexible, pay-as-you-go pricing model.Most Voted
E. EC2 has automatic storage cost optimization.
Correct Answer: BD

Question #27
964 # A user needs to determine whether an Amazon EC2 instance's security groups were modified in the last month. How can the user see if a change was made?
A. Use Amazon EC2 to see if the security group was changed.
B. Use AWS Identity and Access Management (IAM) to see which user or role changed the security group.
C. Use AWS CloudTrail to see if the security group was changed.
D. Use Amazon CloudWatch to see if the security group was changed.
Correct Answer: C

Question #28
965 # Which AWS service will help protect applications running on AWS from DDoS attacks?
A. Amazon GuardDuty
B. AWS WAF
C. AWS Shield
D. Amazon Inspector
Correct Answer: C

Question #29
966 # Which AWS service or feature acts as a firewall for Amazon EC2 instances?
A. Network ACL
B. Elastic network interface
C. Amazon VPC
D. Security group
Correct Answer: D

Question #30

967 # How does the AWS Cloud pricing model differ from the traditional on-premises storage pricing model?
A. AWS resources do not incur costs
B. There are no infrastructure operating costs
C. There are no upfront cost commitments
D. There are no software licensing costs
Correct Answer: C

Question #11
968 # A company wants to review its monthly costs of using Amazon EC2 and Amazon RDS for the past year. Which AWS service or tool provides this information?
A. AWS Trusted Advisor
B. Cost Explorer
C. Amazon Forecast
D. Amazon CloudWatch
Correct Answer: B

Question #12
969 # 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. Which AWS solution should the company use to meet these requirements?
A. Amazon EC2 On-Demand Instances
B. AWS Lambda
C. Amazon EC2 Reserved Instances
D. Amazon EC2 Spot Instances
Correct Answer: B

Question #13
970 # Which AWS service or feature allows users to connect with and deploy AWS services programmatically?
A. AWS Management Console
B. AWS Cloud9
C. AWS CodePipeline
D. AWS software development kits (SDKs)
Correct Answer: D

Question #14
971 # A company plans to create a data lake that uses Amazon S3. Which factor will have the MOST effect on cost?
A. The selection of S3 storage tiers
B. Charges to transfer existing data into Amazon S3
C. The addition of S3 bucket policies
D. S3 ingest fees for each request
Correct Answer: A

Question #15
972 # A company is launching an ecommerce application that must always be available. The application will run on Amazon EC2 instances continuously for the next 12 months. What is the MOST cost-effective instance purchasing option that meets these requirements?
A. Spot Instances
B. Savings Plans
C. Dedicated Hosts
D. On-Demand Instances
Correct Answer: B

Question #16
973 # Which AWS service or feature can a company use to determine which business unit is using specific AWS resources?
A. Cost allocation tags
B. Key pairs
C. Amazon Inspector
D. AWS Trusted Advisor
Correct Answer: A

Question #17
974 # A company wants to migrate its workloads to AWS, but it lacks expertise in AWS Cloud computing. Which AWS service or feature will help the company with its migration?
A. AWS Trusted Advisor
B. AWS Consulting Partners
C. AWS Artifacts
D. AWS Managed Services
Correct Answer: B

Question #18
975 # Which AWS service or tool should a company use to centrally request and track service limit increases?
A. AWS Config
B. Service Quotas
C. AWS Service Catalog
D. AWS Budgets
Correct Answer: B

Question #19
976 # Which documentation does AWS Artifact provide?
A. Amazon EC2 terms and conditions
B. AWS ISO certifications
C. A history of a company's AWS spending
D. A list of previous-generation Amazon EC2 instance types
Correct Answer: B

Question #20
977 # Which task requires using AWS account root user credentials?
A. Viewing billing information
B. Changing the AWS Support plan
C. Starting and stopping Amazon EC2 instances
D. Opening an AWS Support case
Correct Answer: B

Question #1
978 # A company is planning to run a global marketing application in the AWS Cloud. The application will feature videos that can be viewed by users. The company must ensure that all users can view these videos with low latency. Which AWS service should the company use to meet this requirement?
A. AWS Auto Scaling
B. Amazon Kinesis Video Streams
C. Elastic Load Balancing
D. Amazon CloudFront
Correct Answer: D

Question #2
979 # Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?
A. Security
B. Reliability
C. Performance efficiency
D. Cost optimization
Correct Answer: B

Question #3
980 # Which of the following are benefits of migrating to the AWS Cloud? (Choose two.)
A. Operational resilience
B. Discounts for products on Amazon.com
C. Business agility
D. Business excellence
E. Increased staff retention
Correct Answer: AC

Question #4
981 # A company is planning to replace its physical on-premises compute servers with AWS serverless compute services. The company wants to be able to take advantage of advanced technologies quickly after the migration. Which pillar of the AWS Well-Architected Framework does this plan represent?
A. Security
B. Performance efficiency
C. Operational excellence
D. Reliability
Correct Answer: B

Question #5
982 # A large company has multiple departments. Each department has its own AWS account. Each department has purchased Amazon EC2 Reserved Instances.
Some departments do not use all the Reserved Instances that they purchased, and other departments need more Reserved Instances than they purchased.
The company needs to manage the AWS accounts for all the departments so that the departments can share the Reserved Instances. Which AWS service or tool should the company use to meet these requirements?
A. AWS Systems Manager
B. Cost Explorer
C. AWS Trusted Advisor
D. AWS Organizations
Correct Answer: D
Reference:https://aws.amazon.com/ru/organizations/

Question #6
983 # Which component of the AWS global infrastructure is made up of one or more discrete data centers that have redundant power, networking, and connectivity?
A. AWS Region
B. Availability Zone
C. Edge location
D. AWS Outposts

Correct Answer: B

Question #7
984 # Which duties are the responsibility of a company that is using AWS Lambda? (Choose two.)
A. Security inside of code
B. Selection of CPU resources
C. Patching of operating system
D. Writing and updating of code
E. Security of underlying infrastructure
Correct Answer: AD

Question #8
985 # Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? (Choose two.)
A. Reserved Instances
B. EC2 Amazon Machine Images (AMIs)
C. Amazon Elastic Block Store (Amazon EBS) snapshots
D. AWS Shield
E. Amazon GuardDuty
Correct Answer: BC

Question #9
986 # A company is migrating to the AWS Cloud instead of running its infrastructure on premises. Which of the following are advantages of this migration? (Choose two.)
A. Elimination of the need to perform security auditing
B. Increased global reach and agility
C. Ability to deploy globally in minutes
D. Elimination of the cost of IT staff members
E. Redundancy by default for all compute services
Correct Answer: BC

Question #10
987 # A user is comparing purchase options for an application that runs on Amazon EC2 and Amazon RDS. The application cannot sustain any interruption. The application experiences a predictable amount of usage, including some seasonal spikes that last only a few weeks at a time. It is not possible to modify the application. Which purchase option meets these requirements MOST cost-effectively?
A. Review the AWS Marketplace and buy Partial Upfront Reserved Instances to cover the predicted and seasonal load.
B. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run on Spot Instances.
C. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run at an On-Demand rate.
D. Buy Reserved Instances to cover all potential usage that results from the seasonal usage.
Correct Answer: C