Amazon

Exam Questions AWS-Certified-Cloud-Practitioner

Amazon AWS Certified Cloud Practitioner

NEW QUESTION 1
- (Exam Topic 1)
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).

Answer: D

NEW QUESTION 2
- (Exam Topic 1)
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)

Answer: D

Explanation:
Amazon EFS provides shared file storage for use with compute instances in the AWS Cloud and on-premises servers. Applications that require shared file access can use Amazon EFS for reliable file storage delivering high aggregate throughput to thousands of clients simultaneously.

NEW QUESTION 3
- (Exam Topic 1)
Which of the following are characteristics of AWS WAF? (Select TWO.)

A. Acts as a firewall that controls inbound and outbound traffic between Amazon EC2 instances
B. Acts as a firewall that controls inbound and outbound traffic between subnets
C. Gives users the ability to block traffic that has specific HTTP headers
D. Protects websites that are not hosted on AWS
E. Scans Amazon EC2 instances for common vulnerabilities

Answer: BC

Explanation:
AWS WAF lets you create rules to filter web traffic based on conditions that include IP addresses, HTTP headers and body, or custom URIs. This gives you an additional layer of protection from web attacks that attempt to exploit vulnerabilities in custom or third party web applications. In addition, AWS WAF makes it easy to create rules that block common web exploits like SQL injection and cross site scripting.
AWS WAF allows you to create a centralized set of rules that you can deploy across multiple websites. This means that in an environment with many websites and web applications you can create a single set of rules that you can reuse across applications rather than recreating that rule on every application you want to protect.

NEW QUESTION 4
- (Exam Topic 1)
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

Answer: A

Explanation:
You can use the consolidated billing
feature in AWS Organizations to consolidate billing and payment for
multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a management account that pays the charges of all the member accounts.

NEW QUESTION 5
- (Exam Topic 1)
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

Answer: D

NEW QUESTION 6

- (Exam Topic 1)
A company is moving its on-premises NoSQL database to the AWS Cloud Which AWS service should the company use for the NoSQL database?

A. Amazon Redshift
B. Amazon RDS for MySQL
C. Amazon Quantum Ledger Database (Amazon QLDB)
D. Amazon DynamoDB

Answer: D

NEW QUESTION 7
- (Exam Topic 1)
Which of the following are characteristics of a serverless application that runs in the AWS Cloud? (Select
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.

Answer: CE

NEW QUESTION 8
- (Exam Topic 1)
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.

Answer: A

Explanation:
Consolidated billing for AWS Organizations
You can use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a management account that pays the charges of all the member accounts. For more information about organizations, see the AWS Organizations User Guide.
Consolidated billing has the following benefits:
*One bill – You get one bill for multiple accounts.
*Easy tracking – You can track the charges across multiple accounts and download the combined cost and usage data.
*Combined usage – You can combine the usage across all accounts in the organization to share the volume pricing discounts, Reserved Instance discounts, and Savings Plans. This can result in a lower charge for your project, department, or company than with individual standalone accounts. For more information, see Volume discounts.
*No extra fee – Consolidated billing is offered at no additional cost. Note:
The member account bills are for informational purpose only. The management account might reallocate the additional volume discounts, Reserved Instance, or Savings Plans discounts that your account receives.
If you have access to the management account, you can see a combined view of the AWS charges that the member accounts incur. You also can get a cost report for each member account.
AWS and AISPL accounts can't be consolidated together. If your contact address is in India, you can use AWS Organizations to consolidate AISPL accounts within your organization.
Important
When a member account leaves an organization, the member account can no longer access Cost Explorer data that was generated when the account was in the organization. The data isn't deleted, and the management account in the organization can still access the data. If the member account rejoins the organization, the member account can access the data again.

NEW QUESTION 9
- (Exam Topic 1)
A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform. Which pillar of the AWS Well-Architected Framework does this situation demonstrate?

A. Reliability
B. Cost optimization
C. Performance efficiency
D. Operational excellence.

Answer: A

Explanation:
https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/
Built around six pillars—operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability—AWS Well-Architected provides a consistent approach for customers and partners to evaluate architectures and implement scalable designs.
Reliability
The Reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. You can find prescriptive guidance on implementation in the Reliability Pillar whitepaper.

NEW QUESTION 10
- (Exam Topic 1)

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

Answer: D

NEW QUESTION 10
- (Exam Topic 1)
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

Answer: A

Explanation:
Spot Instances - Spot Instances are the most cost-effective choice if you are flexible about when your applications run and if your applications can be interrupted.

NEW QUESTION 11
- (Exam Topic 1)
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

Answer: D

Explanation:
Amazon Route 53 with DNS Failover, Amazon Route 53 can help detect an outage of your website and redirect your end users to alternate locations where your application is operating properly.

NEW QUESTION 14
- (Exam Topic 1)
A company is considering a migration from on premises to the AWS Cloud. The company's IT team needs to offload support of 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.

Answer: A

NEW QUESTION 17
- (Exam Topic 1)
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.

Answer: C

NEW QUESTION 19
- (Exam Topic 1)
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.

Answer: B

Explanation:
Table Description automatically generated

Name	Description
Operational Excellence	The ability to support development and run workloads effectively, gain insight into their operations, and to continuously improve supporting processes and procedures to deliver business value.
Security	The security pillar describes how to take advantage of cloud technologies to protect data, systems, and assets in a way that can improve your security posture.
Reliability	The reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. This paper provides in-depth, best practice guidance for implementing reliable workloads on AWS.
Performance Efficiency	The ability to use computing resources efficiently to meet system requirements, and to maintain that efficiency as demand changes and technologies evolve.
Cost Optimization	The ability to run systems to deliver business value at the lowest price point.
Sustainability	The ability to continually improve sustainability impacts by reducing energy consumption and increasing efficiency across all components of a workload by maximizing the benefits from the provisioned resources and minimizing the total resources required.

NEW QUESTION 21
- (Exam Topic 1)
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

Answer: A

Explanation:
AWS Audit Manager is integrated with AWS CloudTrail, a service that provides a record of actions taken by a user, role, or an AWS service in Audit Manager.
CloudTrail captures all API calls for Audit Manager as events.

NEW QUESTION 22
- (Exam Topic 1)
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.

Answer: C

NEW QUESTION 25
- (Exam Topic 1)
According to the AWS shared responsibility model, which activities are the customer's responsibility for security in the AWS Cloud? (Select 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

Answer: BC

NEW QUESTION 28
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 33
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 35
- (Exam Topic 1)
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

Answer: A

NEW QUESTION 37
- (Exam Topic 1)
Elasticity in the AWS Cloud refers to which of the following? (Select TWO.)

A. How quickly an Amazon EC2 instance can be restarted
B. The ability to right size 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

Answer: BE

Explanation:
The AWS Well-Architected Framework defines elasticity as: The ability to acquire resources as you need them and release resources when you no longer need them. In the cloud, you want to do this automatically
https://dev.to/aws-builders/what-does-elastic-mean-cloud-concepts-explained-4anb#:~:text=The%20AWS%20W

NEW QUESTION 41
- (Exam Topic 1)
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

Answer: B

NEW QUESTION 44
- (Exam Topic 1)
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

Answer: C

Explanation:
https://docs.aws.amazon.com/whitepapers/latest/aws-overview/six-advantages-of-cloud-computing.html

NEW QUESTION 45
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 47
- (Exam Topic 1)
Which AWS service should a company use to create a NoSQL database?

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

Answer: B

NEW QUESTION 50
- (Exam Topic 1)
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

Answer: A

NEW QUESTION 52
- (Exam Topic 1)
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? (Select 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

Answer: BC

NEW QUESTION 57
- (Exam Topic 1)
A company stores configuration files in an Amazon S3 bucket. These configuration files must be accessed by applications that are running on Amazon EC2 instances.
According to AWS security best practices, how should the company grant permissions to allow the applications to 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.

Answer: C

NEW QUESTION 61
- (Exam Topic 1)
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

Answer: B

Explanation:
AWS Trusted Advisor provides recommendations that help you follow AWS best practices. Trusted Advisor evaluates your account by using checks.

NEW QUESTION 64
- (Exam Topic 1)
A company runs a web application on Amazon EC2 instances. The application must run constantly and is expected to run indefinitely without interruption.
Which EC2 instance purchasing options will meet these requirements MOST cost-effectively? (Select TWO.)

A. On-Demand Instances
B. Spot Instances.
C. Reserved Instances
D. Savings Plans
E. Dedicated Hosts

Answer: CD

Explanation:
Amazon EC2 provides the following purchasing options to enable you to optimize your costs based on your needs:
*On-Demand Instances – Pay, by the second, for the instances that you launch.
*Savings Plans – Reduce your Amazon EC2 costs by making a commitment to a consistent amount of usage, in USD per hour, for a term of 1 or 3 years.
*Reserved Instances – Reduce your Amazon EC2 costs by making a commitment to a consistent instance configuration, including instance type and Region, for a

term of 1 or 3 years.
*Spot Instances – Request unused EC2 instances, which can reduce your Amazon EC2 costs significantly.
*Dedicated Hosts – Pay for a physical host that is fully dedicated to running your instances, and bring your existing per-socket, per-core, or per-VM software licenses to reduce costs.
*Dedicated Instances – Pay, by the hour, for instances that run on single-tenant hardware.
*Capacity Reservations – Reserve capacity for your EC2 instances in a specific Availability Zone for any duration.
If you require a capacity reservation, purchase Reserved Instances or Capacity Reservations for a specific Availability Zone. Spot Instances are a cost-effective choice if you can be flexible about when your applications run and if they can be interrupted. Dedicated Hosts or Dedicated Instances can help you address compliance requirements and reduce costs by using your existing server-bound software licenses.

NEW QUESTION 66
- (Exam Topic 1)
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)

Answer: A

Explanation:
Amazon Simple Queue Service (SQS) is a fully managed message queuing service that enables you to decouple and scale microservices, distributed systems, and serverless applications.

NEW QUESTION 71
- (Exam Topic 1)
Which service is an AWS in-memory data store service?

A. Amazon Aurora
B. Amazon RDS
C. Amazon DynamoDB
D. Amazon ElastiCache

Answer: D

NEW QUESTION 76
- (Exam Topic 1)
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

Answer: A

NEW QUESTION 79
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 80
- (Exam Topic 1)
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 (1AM)
D. AWS WAF

Answer: D

Explanation:
To allow or block specific IP addresses for your EC2 instances, usneeatwork Access Control List (ACL) or
security group rules in your VPC. Network ACLs and security group rules act as firewalls allowing or
blocking IP addresses from accessing your resources

NEW QUESTION 83
- (Exam Topic 1)
A developer is working on enhancing applications at AWS. The developer needs a service that can securely host GitHub-based code, repositories, and version

controls. Which AWS service should the developer use?

A. AWS CodeStar
B. Amazon CodeGuru
C. AWS CodeCommit
D. AWS CodePipeline

Answer: C

NEW QUESTION 87
- (Exam Topic 1)
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

Answer: B

NEW QUESTION 88
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 92
- (Exam Topic 1)
Which of the following are advantages of the AWS Cloud? (Select 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

Answer: BD

NEW QUESTION 95
- (Exam Topic 1)
Which tasks require use of the AWS account root user? (Select 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

Answer: AE

NEW QUESTION 97
- (Exam Topic 1)
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? (Select TWO.)

A. AWS Artifact
B. AWS Trusted Advisor
C. AWS Config
D. AWS Cloud Trail
E. AWS Identity and Access Management (IAM)

Answer: CD

Explanation:
AWS Artifact is your go-to, central resource for compliance-related information that matters to you. It provides on-demand access to AWS' security and compliance reports and select online agreements.
AWS Trusted Advisor provides recommendations that help you follow AWS best practices. Trusted Advisor evaluates your account by using checks. These checks identify ways to optimize your AWS infrastructure, improve security and performance, reduce costs, and monitor service quotas.
AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations.
AWS CloudTrail enables auditing, security monitoring, and operational troubleshooting by tracking user activity and API usage. CloudTrail logs, continuously monitors, and retains account activity related to actions across your AWS infrastructure, giving you control over storage, analysis, and remediation actions.

AWS Identity and Access Management (IAM) provides fine-grained access control across all of AWS. With IAM, you can specify who can access which services and resources, and under which conditions. With IAM policies, you manage permissions to your workforce and systems to ensure least-privilege permissions.

NEW QUESTION 99
- (Exam Topic 1)
A user has been granted permission to change their own IAM user password. Which AWS services can the user use to change the password? (Select 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

Answer: AC

NEW QUESTION 103
- (Exam Topic 1)
A company needs to run an application on Amazon EC2 instances. The instances cannot be interrupted at any time. The company needs an instance purch asing option that requires no long-term commitment or upfront payment. Which instance purchasing option will meet these requirements MOST cost-effectively ?

A. On-Demand Instances
B. Spot Instances
C. Dedicated Hosts
D. Reserved Instances

Answer: A

NEW QUESTION 108
- (Exam Topic 1)
A company needs to deploy an Amazon EC2 instance and attach a storage mount for the operating system and application files. Which AWS service will meet these requirements?

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

Answer: D

NEW QUESTION 110
- (Exam Topic 1)
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.

Answer: D

Explanation:
Serverless computing allows you to build and run applications and services without thinking about servers. With serverless computing, your application still runs on servers, but all the server management is done by AWS.

NEW QUESTION 115
- (Exam Topic 1)
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

Answer: B

NEW QUESTION 119
- (Exam Topic 1)
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

Answer: C

NEW QUESTION 123
- (Exam Topic 1)
Which AWS service keeps track of SSL/TLS certificates, creates new certificates, and processes renewals?

A. AWS Identity and Access Management (1AM)
B. AWS Certificate Manager (ACM)
C. AWS Config
D. AWS Trusted Advisor

Answer: B

Explanation:
AWS Certificate Manager helps manage the challenges of maintaining SSL/TLS certificates, including certificate renewals so you don't have to worry about expiring certificates. Learn more about provisioning, managing, and deploying public and private SSL/TLS certificates.

NEW QUESTION 126
- (Exam Topic 1)
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

Answer: B

NEW QUESTION 127
- (Exam Topic 2)
Which AWS service tool or feature helps companies reduce costs by identifying underutilized Amazon EC2 instances?

A. Amazon Inspector
B. AWS Trusted Advisor
C. Consolidated billing
D. Cost Explorer

Answer: D

NEW QUESTION 132
- (Exam Topic 2)
A company's procurement department wants volume discounts on AWS services for the company but numerous departments have separate AWS accounts.
Which AWS service or tool can the company use to receive volume discounts across multiple AWS accounts?

A. Cost Explore'
B. AWS Budgets
C. AWS Cost and Usage Report
D. AWS Organizations

Answer: D

NEW QUESTION 137
- (Exam Topic 2)
A company needs to automatically protect its Amazon EC2 instances from distributed denial of service (DDoS) attacks. Which AWS service or tool will provide this protection?

A. Network access control list (ACL)
B. AWS Shield
C. Security group
D. Amazon GuardDuty

Answer: B

NEW QUESTION 141
- (Exam Topic 2)
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)

Answer: C

NEW QUESTION 142

- (Exam Topic 2)
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

Answer: D

NEW QUESTION 146
- (Exam Topic 2)
Which AWS service will help a company plan a migration to AWS by collecting the configuration usage and behavior data of on-premises data centers?

A. AWS Resource Groups
B. AWS Application Discovery Service
C. AWS Service Catalog
D. AWS Systems Manager

Answer: B

NEW QUESTION 150
- (Exam Topic 2)
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 requited lot these 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

Answer: C

NEW QUESTION 151
- (Exam Topic 2)
Which of the following gives a company the ability to fake advantage of tiered pricing tor services across multiple AWS member accounts?

A. AWS Organizations service control policies (SCPs)
B. AWS Organizations consolidated billing
C. All Upfront Reserved instances
D. Cost Explorer utilization reports

Answer: B

NEW QUESTION 152
- (Exam Topic 2)
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 Kubermetes Service (Amazon EKS)
D. AWS Margate

Answer: D

NEW QUESTION 153
- (Exam Topic 2)
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

Answer: D

NEW QUESTION 158
- (Exam Topic 2)
A company is running a regulated Linux-based application. The application must run every Ft day horn 8 AM until midnight. The application is critical and cannot be interrupted Which Amazon EC2 instance purchasing option meets this requirement MOST cost-effectively?

A. On-Demand Capacity Reservation with Savings Plan
B. Spot instances

C. Regional Reserved Instances
D. Dedicated Hosts

Answer: A

NEW QUESTION 159
- (Exam Topic 2)
How does the AWS global infrastructure offer high availability and fault tolerance lo its users?

A. The AWS infrastructure is made up of multiple AWS Regions within various Availability Zones located in areas that have low flood 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 the same 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 ate connected with low-latency networking and redundant power supplies

Answer: D

NEW QUESTION 160
- (Exam Topic 2)
Which AWS service provides intelligent recommendations to improve code quality and identify an application is most expensive lines of code?

A. Amazon CodeGuru
B. AWS CodeStar
C. AWS CodeCommit
D. AWS CodeDeploy

Answer: A

NEW QUESTION 163
- (Exam Topic 2)
Which AWS services are delivered globally instead of regionally? (Select TWO.)

A. Amazon EC2
B. Amazon CloudFront
C. Amazon Route 53
D. Amazon VPC
E. Amazon RDS

Answer: BC

NEW QUESTION 168
- (Exam Topic 2)
A company that uses AWS needs to transfer 2 TB of data.
Which type of transfer of that data would result in no cost for the company?

A. Inbound data transfer from the internet
B. Outbound data transfer to the internet
C. Data transfer between AWS Regions
D. Data transfer between Availability Zones

Answer: B

NEW QUESTION 172
- (Exam Topic 2)
Which guidelines are key AWS architectural design principles? (Select 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.

Answer: BD

NEW QUESTION 173
- (Exam Topic 2)
Which of the following are benefits that a company receives when it moves an on-premises internet-lacing website to the AWS Cloud? (Select TWO.)

A. Data that is stored in the AWS Cloud is automatically encrypted.
B. Website capacity can expand or contract as website traffic changes.
C. AWS automatically provides the company with the lowest-cost pricing model.
D. The website shows up with higher priority in internet search engines
E. The company can take advantage of the pay-as-you-go pricing model

Answer: BE

NEW QUESTION 176
- (Exam Topic 2)
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

Answer: C

NEW QUESTION 178
- (Exam Topic 2)
Which of the following is a component of the AWS Global infrastructure?

A. Amazon Alexa
B. AWS Regions
C. Amazon Lightsail
D. AWS Organizations

Answer: B

NEW QUESTION 181
- (Exam Topic 2)
A company uses AWS Direct Conned and wants to establish connectivity that spans VPCs across multiple AWS Regions. Which AWS service or feature should the company use to meet these requirements?

A. AWS Transit Gateway
B. AWS PrivateLink
C. Amazon Connect
D. Amazon Route 53

Answer: B

NEW QUESTION 182
- (Exam Topic 2)
Which of the following are advantages of moving to the AWS Cloud? (Select 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 benefits from massive economies of scale.
E. Users can more hardware from their data center to the AWS Cloud.

Answer: CD

NEW QUESTION 185
- (Exam Topic 2)
A company wants to deploy, scale, and manage third-party virtual appliances in a cluster in the AWS Cloud. These applications include firewalls, intrusion detection and prevention systems, and deep packet inspection systems.
Which AWS service or resource will meet these requirements?

A. Application Load Balancer
B. Gateway Load Balancer
C. Network Load Balancer
D. AWS Global Accelerator

Answer: B

Explanation:
https://docs.aws.amazon.com/prescriptive-guidance/latest/integrate-third-party-services/resources.html

NEW QUESTION 190
- (Exam Topic 2)
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? (Select TWO.)

A. Amazon Connect
B. AWS Direct Connect
C. AWS Server Migration Service (AWS SMS)
D. Amazon Route 53
E. AWS Organizations

Answer: BC

NEW QUESTION 192

- (Exam Topic 2)
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

Answer: D

Explanation:
The reliability pillar includes the ability of a system to recover from infrastructure or service disruptions

NEW QUESTION 195
- (Exam Topic 2)
A company has stopped all of its Amazon EC2 instances but monthly billing charges continue to occur. What could be causing this? (Select 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

Answer: AD

NEW QUESTION 200
- (Exam Topic 2)
A company plans to migrate complex legacy systems to AWS. The company will use several operating systems multiple databases and multiple programming languages. Which benefit of the AWS Cloud does this scenario represent?

A. Scalability
B. Flexibility
C. Reliability
D. Security

Answer: C

NEW QUESTION 205
- (Exam Topic 2)
A company needs to use thud-party software for its workload on AWS. Which AWS service or feature can the company use to purchase the software?

A. AWS Resource Access Manager
B. AWS Manager Services
C. AWS License Manager
D. AWS Marketplace

Answer: D

NEW QUESTION 206
- (Exam Topic 2)
A company is running a Microsoft SOL Server instance on premises and is migrating its application to AWS.
The company lacks the resources needed to refactor the application but management wants to reduce operational overhead as part of the migration.
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

Answer: D

NEW QUESTION 207
- (Exam Topic 2)
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

Answer: A

NEW QUESTION 208

- (Exam Topic 2)
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.

Answer: C

NEW QUESTION 209
- (Exam Topic 2)
What are characteristics of AWS IAM users and groups? (Select TWO.)

A. Groups can be nested and can contain other groups.
B. A user can be a member of multiple groups
C. Groups can contain users only and cannot be nested
D. A user can only be a member of a single group at one time.
E. All new users are automatically added to a default group

Answer: BC

NEW QUESTION 210
- (Exam Topic 2)
Which AWS Cloud benefit is shown by architecture's ability to withstand with minimal downtime?

A. Agility
B. Elasticity
C. Scalability
D. High availability

Answer: C

NEW QUESTION 213
- (Exam Topic 2)
A company that is migrating to the AWS Cloud wants to reduce the operational costs of running its databases. Which combination of actions should the company take to achieve this goal (Select TWO.)

A. Activate Amazon DynamoDB Accelerator (DAX)
B. Deploy resources across multiple Availability Zones.
C. Decrease operational tasks by using AWS managed services.
D. Automate changes and responses to events.
E. Use the AWS global infrastructure to benefit from economies of scale

Answer: CD

NEW QUESTION 215
- (Exam Topic 2)
Which AWS service adds speech-to-text capabilities to applications?

A. Amazon Polly
B. Amazon Textract
C. Amazon Transcribe
D. Amazon Comprehend

Answer: C

NEW QUESTION 219
- (Exam Topic 2)
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

Answer: A

NEW QUESTION 220
- (Exam Topic 2)
Which AWS service is a fully hosted version control service?

A. AWS CodeCommit
B. AWS CodeBuild
C. AWS CodeDeploy

D. AWS CodeStar

Answer: B

Explanation:
CodeCommit is a secure, highly scalable, managed source control service that hosts private Git repositories. CodeCommit eliminates the need for you to manage your own source control system or worry about scaling its infrastructure. You can use CodeCommit to store anything from code to binaries. It supports the standard functionality of Git, so it works seamlessly with your existing Git-based tools.

NEW QUESTION 221
- (Exam Topic 2)
Which design principles of the AWS Well-Architected Framework help increase reliability? (Select 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.

Answer: AC

Explanation:

Reliability
The Reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. You can find prescriptive guidance on implementation in the Reliability Pillar whitepaper.
Design Principles
There are five design principles for reliability in the cloud:
➢ Automatically recover from failure
➢ Test recovery procedures
➢ Scale horizontally to increase aggregate workload availability
➢ Stop guessing capacity
➢ Manage change in automation
https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

NEW QUESTION 223
- (Exam Topic 2)
Which of the following gives a company the ability to take advantage of tiered pricing for services across multiple AWS member accounts?

A. AWS Organizations service control policies (SCPs)
B. AWS Organizations consolidated billing
C. All upfront Reserved Instances
D. Cost Explorer utilization reports

Answer: B

NEW QUESTION 224
- (Exam Topic 2)
Wh.cn of lite following is advantages of the AWS Cloud? (Select TWO.)

A. Trade variable expenses tor capital expenses
B. High economies of scale
C. Launch globally in minutes
D. Focus on managing hardware infrastructure
E. Overprovision to ensure capacity

Answer: CE

NEW QUESTION 225
- (Exam Topic 2)
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

Answer: B

NEW QUESTION 229
- (Exam Topic 2)
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

Answer: D

NEW QUESTION 232

- (Exam Topic 2)
A company is considering implementing a new workload m the AWS Cloud However, the company first wants to forecast the potential cost.
Which tool should the company use to estimate the cost of the workload?

A. Cost Explorer
B. AWS Pricing Calculator
C. AWS Billing and Cost Management dashboard
D. AWS Cost and Usage Report

Answer: B

NEW QUESTION 234

- (Exam Topic 2)
Which pillar of Vie AWS Well-Architected Framework is focused on the ability of a workload lo perform its intended function correctly and consistently at the expected time?

A. Performance efficiency
B. Operational excellence
C. Reliability
D. Security

Answer: A

NEW QUESTION 239

- (Exam Topic 2)
A company needs a central user portal so that users can log in to third-party business applications that support Security Assertion Markup Language (SAML) 2.0.
Which AWS service will meet this requirement?

A. AWS Identity and Access Management (IAM)
B. Amazon Cognito
C. AWS Single Sign-On
D. AWS CL

Answer: B

NEW QUESTION 243

- (Exam Topic 3)
Which of the following will help a user determine if they need to request a VPC service limit increase?

A. AWS Personal Health Dashboard
B. AWS Trusted Advisor
C. AWS Cost and Usage Report
D. AWS Service Catalog

Answer: A

NEW QUESTION 246

- (Exam Topic 3)
A company is building a business intelligence solution using Amazon Redshift. The company wants to use an AWS service to create interactive dashboards and not pay any upfront costs for it.
Which service should the company use?

A. Amazon CloudWatch
B. AWS Personal Health Dashboard
C. AWS Service Catalog
D. Amazon QuickSight

Answer: D

NEW QUESTION 251

- (Exam Topic 3)
Which AWS service can be used to decouple applications?

A. AWSConfig
B. Amazon Simple Queue Service (Amazon SQS)
C. AWS Batch
D. Amazon Simple Email Service (Amazon SES)

Answer: B

Explanation:
https://docs.aws.amazon.com/sqs/?id=docs_gateway
Amazon Simple Queue Service (Amazon SQS) is a fully managed message queuing service that makes it easy to decouple and scale microservices, distributed systems, and serverless applications. Amazon SQS moves data between distributed application components and helps you decouple these components.

NEW QUESTION 255
- (Exam Topic 3)
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)

Answer: D

NEW QUESTION 260
- (Exam Topic 3)
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

Answer: B

Explanation:
https://blogs.vmware.com/cloudhealth/aws-reserved-instances-vs-on-demand/#:~:text=The%20difference%20be

NEW QUESTION 264
- (Exam Topic 3)
Which of the following are pillars of the AWS Well-Architected Framework? (Select TWO.)

A. Resource scalability
B. Performance efficiency
C. System elasticity
D. Agile development
E. Operational excellence

Answer: BE

Explanation:
Creating a software system is a lot like constructing a building. If the foundation is not solid, structural problems can undermine the integrity and function of the building. When architecting technology solutions, if you neglect the six pillars of operational excellence, security, reliability, performance efficiency, cost optimization, and sustainability, it can become challenging to build a system that delivers on your expectations and requirements. Incorporating these pillars into your architecture will help you produce stable and efficient systems. This will allow you to focus on the other aspects of design, such as functional requirements.
Pillars
Operational excellence Security
Reliability Performance efficiency Cost optimization Sustainability

NEW QUESTION 265
- (Exam Topic 3)
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

Answer: A

NEW QUESTION 269
- (Exam Topic 3)
If a company wants to build an interactive chatbot to make a call center more efficient, which AWS service should be used?

A. Amazon Connect
B. Amazon Lex
C. Amazon Translate
D. Amazon Polly

Answer: B

NEW QUESTION 274
- (Exam Topic 3)

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.

Answer: B

NEW QUESTION 276
- (Exam Topic 3)
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

Answer: BD

NEW QUESTION 280
- (Exam Topic 3)
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

Answer: A

NEW QUESTION 284
- (Exam Topic 3)
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 us customers worldwide. When 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

Answer: C

NEW QUESTION 286
- (Exam Topic 3)
Which of the following are advantages of moving from on premises to the AWS Cloud? (Select 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 train IT staff.
E. Gain the ability to reserve capacity for 7 years or more

Answer: AC

NEW QUESTION 291
- (Exam Topic 3)
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 ManagerC AWS Identity and Access Management (1AM)
C. Network ACLs

Answer: B

Explanation:
AWS Systems Manager Session Manager is a new interactive shell and CLI that helps to provide secure, access-controlled, and audited Windows and Linux EC2 instance management. Session Manager removes the need to open inbound ports, manage SSH keys, or use bastion hosts.
https://docs.aws.amazon.com/systems-manager/latest/userguide/session-manager.html

NEW QUESTION 293
- (Exam Topic 3)
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

Answer: C

NEW QUESTION 295
- (Exam Topic 3)
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.

Answer: C

NEW QUESTION 297
- (Exam Topic 3)
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

Answer: B

NEW QUESTION 300
- (Exam Topic 3)
A company needs to use a serverless interactive query service to analyze data in Amazon S3. The query
service must support standard SQL.
Which AWS service will meet these requirements?

A. Amazon Redshift
B. AWS Glue
C. Amazon Athena
D. Amazon Kinesis Data Streams

Answer: C

NEW QUESTION 303
- (Exam Topic 3)
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 AWS service or feature will meet this requirement?

A. AWS Cost Explorer
B. AWS Budgets
C. Amazon CloudWatch
D. AWS Cost Categories

Answer: A

NEW QUESTION 304
- (Exam Topic 3)
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)

Answer: C

Explanation:
https://www.amazonaws.cn/en/fsx/windows/

NEW QUESTION 306
- (Exam Topic 3)
Which of the following are characteristics of AWS Regions and Availability Zones? (Select TWO.)

A. Regions bring AWS services to on-premises facilities.
B. Regions consist of multiple Availability Zones.
C. An Availability Zone contains several Regions.
D. Regions are within 100 km (60 miles) of each other.
E. Regions are located around the world.

Answer: B

NEW QUESTION 308
- (Exam Topic 3)
A company wants an in-memory data store that is compatible with open source in the cloud. Which AWS service should the company use?

A. Amazon DynamoDB
B. Amazon ElastiCache
C. Amazon Elastic Block Store (Amazon EBS)
D. Amazon Redshift

Answer: B

NEW QUESTION 311
- (Exam Topic 3)
A company notices suspicious network activity against an application that is running on a fleet of Amazon EC2 instances The suspicious activity is coming from a single IP address
Which AWS service should the company use to block access from this IP address?

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

Answer: D

Explanation:
AWS WAF is a web application firewall that lets you monitor the HTTP and HTTPS requests that are forwarded to your protected web application resources. You can protect the following resource types:
❯ Amazon CloudFront distribution
❯ Amazon API Gateway REST API
❯ Application Load Balancer
❯ AWS AppSync GraphQL API
❯ Amazon Cognito user pool
AWS WAF also lets you control access to your content. Based on conditions that you specify, such as the IP addresses that requests originate from or the values of query strings, your protected resource responds to requests either with the requested content, with an HTTP 403 status code (Forbidden), or with a custom response.
https://docs.aws.amazon.com/waf/latest/developerguide/what-is-aws-waf.html

NEW QUESTION 313
- (Exam Topic 3)
Which design principle is achieved by following the reliability pillar of the AWS We 11-Architected Framework?

A. Vertical scaling
B. Manual failure recovery
C. Testing recovery procedures
D. Changing infrastructure manually

Answer: C

Explanation:
Testing recovery procedures Reliability
Design Principles
Automatically recover from failure Test recovery procedures
Scale horizontally to increase aggregate workload availability Stop guessing capacity
Manage change in automation

NEW QUESTION 317
- (Exam Topic 3)
When 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)

Answer: D

NEW QUESTION 318
- (Exam Topic 3)

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 speeds.
Which AWS service meets these requirements?

A. Amazon CloudFront
B. Elastic Load Balancing
C. Amazon S3
D. Amazon Elastic Transcoder

Answer: A

NEW QUESTION 319
- (Exam Topic 3)
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

Answer: D

NEW QUESTION 324
- (Exam Topic 3)
Which AWS service can convert taxi 10 lifelike speech?

A. Amazon Policy
B. Amazon Textract
C. Amazon Transcribe
D. Amazon Comprehend

Answer: C

NEW QUESTION 328
- (Exam Topic 3)
Which AWS service or feature can a company use to apply security rules to a subnet for Amazon EC2 instances?

A. AWSWAF
B. AWS Shield
C. Network ACLs
D. Security groups

Answer: B

NEW QUESTION 329
- (Exam Topic 3)
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 Gateway
D. Application Load Balancer
E. Amazon Cognito

Answer: AC

Explanation:
AWS OpsWorks- They work great with EC2 & On-Premises VM AWS Storage Gateway is a set of hybrid cloud storage services that provide on-premises access to virtually unlimited cloud storage. https://aws.amazon.com/storagegateway/

NEW QUESTION 333
- (Exam Topic 3)
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)

Answer: A

NEW QUESTION 337
- (Exam Topic 3)
A company is using Amazon EC2 instances.
Which tasks are the company's responsibility, according to the AWS shared responsibility model? (Select 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.

Answer: BE

NEW QUESTION 338
- (Exam Topic 3)
Which AWS service can a company use to analyze and debug performance issues of an AWS Lambda function?

A. Amazon Inspector
B. Amazon Detective
C. AWS CodeStar
D. AWS X-Ray

Answer: D

Explanation:
https://docs.aws.amazon.com/lambda/latest/operatorguide/general-approach.html

NEW QUESTION 343
- (Exam Topic 3)
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 CloudFront
D. AWS CloudTrail

Answer: B

NEW QUESTION 345
- (Exam Topic 3)
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

Answer: A

NEW QUESTION 348
- (Exam Topic 3)
A company needs to run a workload that requires low-latency access to an on-premises data center. The company wants a fully managed service to extend its existing VPC to local resources.
Which AWS service or resource should the company use?

A. AWS Outposts
B. Amazon Connect
C. AWS Snowball Edge
D. Amazon WorkLink

Answer: A

Explanation:
comparison between the outpost and Local zone
"should be local and on-premises" local zones are not on premises at all https://aws.amazon.com/blogs/compute/aws-local-zones-and-aws-outposts-choosing-the-right-technology-for-yo

NEW QUESTION 350
- (Exam Topic 3)
Which tasks are the responsibility of AWS, according to the AWS shared responsibility model? (Select TWO.)

A. Patch the Amazon EC2 guest operating system.
B. Upgrade the firmware of the network infrastructure.
C. Apply password rotation for 1AM users.
D. Maintain the physical security of edge locations.
E. Maintain least privilege access to the root user account.

Answer: BD

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

NEW QUESTION 353
- (Exam Topic 3)
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

Answer: D

Explanation:
https://aws.amazon.com/shield/faqs/

NEW QUESTION 357
- (Exam Topic 3)
Which AWS service gives a company the ability to use a private, dedicated connection between a VPC and an on-premises data center?

A. AWS Direct Connect
B. Amazon API Gateway
C. AWS Systems Manager
D. AWS CloudFormation

Answer: A

NEW QUESTION 358
- (Exam Topic 3)
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

Answer: BE

NEW QUESTION 362
- (Exam Topic 3)
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-AI)
C. S3 Glacier Flexible Retrieval
D. S3 Glacier Deep Archive

Answer: B

NEW QUESTION 364
- (Exam Topic 3)
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)

Answer: B

Explanation:
cloud-based integrated devWS Cloud9 is an integrated development environment, or IDE. The AWS Cloud9 IDE offers a rich code-editing experience with support for several programming languages and runtime debuggers, and a built-in terminal.elopment environment (IDE)
https://aws.amazon.com/es/cloud9/details/ AWS Cloud9 es un entorno de desarrollo integrado (IDE) basado en la nube que le permite escribir, ejecutar y depurar código desde cualquier equipo con tan solo un navegador.

NEW QUESTION 369
- (Exam Topic 3)
Which AWS service is a cloud security posture management (CSPM) service that aggregates alerts from various AWS services and partner products in a standardized format?

A. AWS Security Hub

B. AWS Trusted Advisor
C. Amazon EventBridge
D. Amazon GuardDuty

Answer: A

Explanation:
Use AWS Security Hub to automate security best practice checks, aggregate security alerts into a single place and format, and understand your overall security posture across all of your AWS accounts.

NEW QUESTION 370
- (Exam Topic 3)
A company has migrated its workload to AWS. The company wants to forecast the workload's costs for each quarter for the next year. Which AWS service or tool provides this functionality?

A. AWS Organizations
B. AWS Budgets
C. AWS Cost Explorer
D. AWS Cost and Usage Report

Answer: C

NEW QUESTION 371
- (Exam Topic 3)
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

Answer: D

NEW QUESTION 375
- (Exam Topic 3)
A company needs to organize its resources and track AWS costs on a detailed level. The company needs to categorize costs by business department, environment, and application.
Which solution will meet these requirements?

A. Access the AWS Cost Management console to organize resources, set an AWS budget, and receive notifications of unintentional usage.
B. Use tags to organize the resource
C. Activate cost allocation tags to track AWS costs on a detailed level.
D. Create Amazon CloudWatch dashboards to visually organize and track costs individually.
E. Access the AWS Billing and Cost Management dashboard to organize and track resource consumption on a detailed level.

Answer: A

NEW QUESTION 377
- (Exam Topic 3)
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? (Select TWO)

A. Amazon EC2
B. Amazon EC2 Auto Scaling
C. AWS Elastic Beanstalk
D. Amazon CloudFront
E. AWS Fargate

Answer: AE

NEW QUESTION 379
- (Exam Topic 3)
Which AWS service gives a company the ability to use a private, dedicated connection between a VPC and an on-premises data center?

A. AWS Direct Connect
B. Amazon API Gateway
C. AWS Systems Manager
D. AWS CloudFormation

Answer: C

NEW QUESTION 382
- (Exam Topic 3)
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

Answer: A

Explanation:
AWS Trusted Advisor provides recommendations that help you follow AWS best practices. Trusted Advisor evaluates your account by using checks. These checks identify ways to optimize your AWS infrastructure, improve security and performance, reduce costs, and monitor service quotas

NEW QUESTION 386
- (Exam Topic 3)
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

Answer: B

Explanation:
Amazon EC2 Auto Scaling is an AWS feature that automatically optimizes the number of EC2 instances (by scaling up or scaling down) available to your workloads or app based on workloads' performance and
pre-defined conditions. Your team firstly creates Auto Scaling Groups, which comprises EC2 instances.

NEW QUESTION 387
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