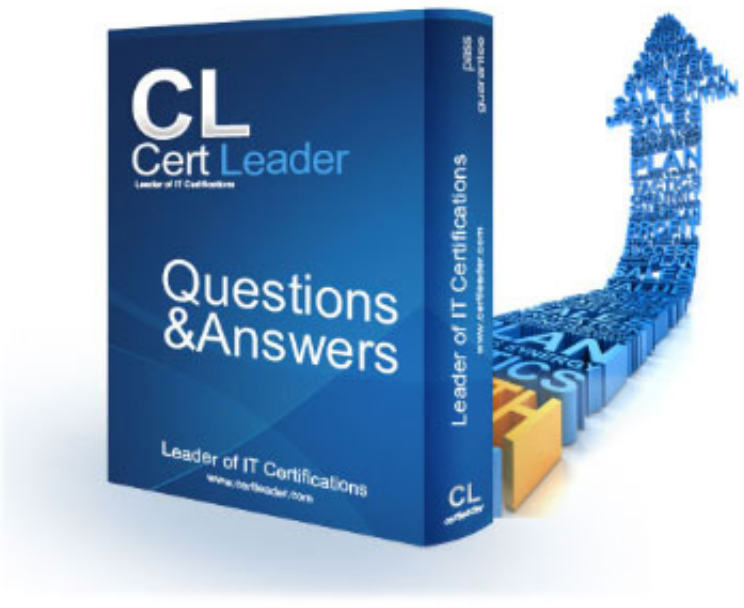
SOA-C03 Dumps

AWS Certified CloudOps Engineer - Associate

https://www.certleader.com/SOA-C03-dumps.html



NEW QUESTION 1
A company's website runs on an Amazon EC2 Linux instance. The website needs to serve PDF files from an Amazon S3 bucket. All public access to the S3 bucket is blocked at the account level. The company needs to allow website users to download the PDF files.
Which solution will meet these requirements with the LEAST administrative effort?

A. Create an IAM role that has a policy that allows s3:list* and s3:get* permission
B. Assign the role to the EC2 instanc
C. Assign a company employee to download requested PDF files to the EC2 instance and deliver the files to website user
D. Create an AWS Lambda function to periodically delete local files.
E. Create an Amazon CloudFront distribution that uses an origin access control (OAC) that points to the S3 bucke
F. Apply a bucket policy to the bucket to allow connections from the CloudFront distributio
G. Assign a company employee to provide a download URL that contains the distribution URL and the object path to users when users request PDF files.
H. Change the S3 bucket permissions to allow public access on the source S3 bucke
I. Assign a company employee to provide a PDF file URL to users when users request the PDF files.
J. Deploy an EC2 instance that has an IAM instance profile to a public subne
K. Use a signed URL from the EC2 instance to provide temporary access to the S3 bucket for website users.

Answer: B

NEW QUESTION 2
A company runs custom statistical analysis software on a cluster of Amazon EC2 instances. The software is highly sensitive to network latency between nodes, although network throughput is not a limitation.
Which solution will minimize network latency?

A. Place all the EC2 instances into a cluster placement group.
B. Configure and assign two Elastic IP addresses for each EC2 instance.
C. Configure jumbo frames on all the EC2 instances in the cluster.
D. Place all the EC2 instances into a spread placement group in the same AWS Region.

Answer: A

NEW QUESTION 3
A company uses memory-optimized Amazon EC2 instances behind a Network Load Balancer (NLB) to run an application. The company launched the EC2 instances from an AWS-provided Red Hat Enterprise Linux (RHEL) AMI.
A CloudOps engineer must monitor RAM utilization in 5-minute intervals. The CloudOps engineer must ensure that the EC2 instances scale in and out appropriately based on incoming load.
Which solution will meet these requirements?

A. Configure detailed monitoring for the EC2 instance
B. Configure the Amazon CloudWatch agent on the EC2 instance
C. Create an EC2 Auto Scaling group and Auto Scaling policy that is based on the mem_active metric.
D. Configure detailed monitoring for the EC2 instance
E. Use the mem_used_percent metric that the detailed monitoring feature provide
F. Create an IAM role that allows the CloudWatch agent to upload dat
G. Create an EC2 Auto Scaling group and Auto Scaling policy that is based on the mem_used_percent metric.
H. Configure basic monitoring for the EC2 instance
I. Configure the Amazon CloudWatch agent on the EC2 instance
J. Create an IAM role that allows the CloudWatch agent to upload dat
K. Create an EC2 Auto Scaling group and Auto Scaling policy that is based on the mem_used_percent metric.
L. Configure basic monitoring for the EC2 instance
M. Use the standard mem_used_percent metric for monitorin
N. Create an EC2 Auto Scaling group and Auto Scaling policy that is based on the mem_used_percent metric.

Answer: C

NEW QUESTION 4
A company is running an application on premises and wants to use AWS for data backup. All of the data must be available locally. The backup application can write only to block- based storage that is compatible with the Portable Operating System Interface (POSIX).
Which backup solution will meet these requirements?

A. Configure the backup software to use Amazon S3 as the target for the data backups.
B. Configure the backup software to use Amazon S3 Glacier Flexible Retrieval as the target for the data backups.
C. Use AWS Storage Gateway, and configure it to use gateway-cached volumes.
D. Use AWS Storage Gateway, and configure it to use gateway-stored volumes.

Answer: D

NEW QUESTION 5
A company hosts a static website in an Amazon S3 bucket, accessed globally via Amazon CloudFront. The Cache-Control max-age header is set to 1 hour, and Maximum TTL is set to 5 minutes. The CloudOps engineer observes that CloudFront is not caching objects for the expected duration.
What is the reason for this issue?

A. The Expires header has been set to 3 hours.
B. Cached assets are not expiring in the edge location.
C. Cache invalidation is missing in the CloudFront configuration.
D. Cache-duration settings conflict with each other.

Answer: D

NEW QUESTION 6
An ecommerce company uses Amazon ElastiCache (Redis OSS) for caching product queries. The CloudOps engineer observes a large number of cache evictions in Amazon CloudWatch metrics and needs to reduce evictions while retaining popular data in cache.
Which solution meets these requirements with the least operational overhead?

A. Add another node to the ElastiCache cluster.
B. Increase the ElastiCache TTL value.
C. Decrease the ElastiCache TTL value.
D. Migrate to a new ElastiCache cluster with larger nodes.

Answer: D

NEW QUESTION 7
A company has an application running on EC2 that stores data in an Amazon RDS for MySQL Single-AZ DB instance. The application requires both read and write operations, and the company needs failover capability with minimal downtime.
Which solution will meet these requirements?

A. Modify the DB instance to be a Multi-AZ DB instance deployment.
B. Add a read replica in the same Availability Zone where the DB instance is deployed.
C. Add the DB instance to an Auto Scaling group that has a minimum capacity of 2 and a desired capacity of 2.
D. Use RDS Proxy to configure a proxy in front of the DB instance.

Answer: A

NEW QUESTION 8
A company??s reporting job that previously ran in 15 minutes is now taking 1 hour. The application runs on Amazon EC2 and extracts data from an Amazon RDS for MySQL DB instance.
CloudWatch metrics show high Read IOPS even when reports are not running. The CloudOps engineer must improve performance and availability. Which solution will meet these requirements?

A. Configure Amazon ElastiCache and query it for reports.
B. Deploy an RDS read replica and update the reporting job to query the reader endpoint.
C. Create a CloudFront distribution with the RDS instance as the origin.
D. Increase the size of the RDS instance.

Answer: B

NEW QUESTION 9
A company is performing deployments of an application at regular intervals. Users report that the application sometimes does not work properly. The company discovers that some users' browsers are fetching previous versions of the JavaScript files. The application runs on Amazon EC2 instances behind an Application Load Balancer (ALB). The ALB is the origin for an Amazon CloudFront distribution.
A SysOps administrator must implement a solution to ensure that CloudFront serves the latest version of the JavaScript files. The solution must not affect application server performance.
Which solution will meet these requirements?

A. Reduce the maximum TTL and default TTL of the CloudFront distribution behavior to 0.
B. Add a final step in the deployment process to invalidate all files in the CloudFront distribution.
C. Add a final step in the deployment process to invalidate only the changed JavaScript files in the CloudFront distribution.
D. Remove CloudFront from the path of serving JavaScript file
E. Serve the JavaScript files directly through the ALB.

Answer: C

NEW QUESTION 10
A company uses AWS Organizations to manage a set of AWS accounts. The company has set up organizational units (OUs) in the organization. An application OU supports various applications.
A CloudOps engineer must prevent users from launching Amazon EC2 instances that do not have a CostCenter-Project tag into any account in the application OU. The restriction must apply only to accounts in the application OU.
Which solution will meet these requirements?

A. Create an IAM group that has a policy that allows the ec2:RunInstances action when the CostCenter-Project tag is presen
B. Place all IAM users who need access to the application accounts in the IAM group.
C. Create a service control policy (SCP) that denies the ec2:RunInstances action when the CostCenter-Project tag is missin
D. Attach the SCP to the application OU.
E. Create an IAM role that has a policy that allows the ec2:RunInstances action when the CostCenter-Project tag is presen
F. Attach the IAM role to the IAM users that are in the application OU accounts.
G. Create a service control policy (SCP) that denies the ec2:RunInstances action when the CostCenter-Project tag is missin
H. Attach the SCP to the root OU.

Answer: B

NEW QUESTION 10
A company??s architecture team must receive immediate email notifications whenever new Amazon EC2 instances are launched in the company??s main AWS production account.
What should a CloudOps engineer do to meet this requirement?

A. Create a user data script that sends an email message through a smart host connecto
B. Include the architecture team's email address in the user data script as the recipien
C. Ensure that all new EC2 instances include the user data script as part of a standardized build process.
D. Create an Amazon Simple Notification Service (Amazon SNS) topic and a subscription that uses the email protoco
E. Enter the architecture team's email address as the subscribe
F. Create an Amazon EventBridge rule that reacts when EC2 instances are launche
G. Specify the SNS topic as the rule's target.
H. Create an Amazon Simple Queue Service (Amazon SQS) queue and a subscription that uses the email protoco
I. Enter the architecture team's email address as the subscribe
J. Create an Amazon EventBridge rule that reacts when EC2 instances are launche
K. Specify the SQS queue as the rule's target.
L. Create an Amazon Simple Notification Service (Amazon SNS) topi
M. Configure AWS Systems Manager to publish EC2 events to the SNS topi
N. Create an AWS Lambda function to poll the SNS topi
O. Configure the Lambda function to send any messages to the architecture team's email address.

Answer: B

NEW QUESTION 13
An application runs on Amazon EC2 instances that are in an Auto Scaling group. A CloudOps engineer needs to implement a solution that provides a central storage location for errors that the application logs to disk. The solution must also provide an alert when the application logs an error.
What should the CloudOps engineer do to meet these requirements?

A. Deploy and configure the Amazon CloudWatch agent on the EC2 instances to log to a CloudWatch log grou
B. Create a metric filter on the target CloudWatch log grou
C. Create a CloudWatch alarm that publishes to an Amazon Simple Notification Service (Amazon SNS) topic that has an email subscription.
D. Create a cron job on the EC2 instances to identify errors and push the errors to an Amazon CloudWatch metric filte
E. Configure the filter to publish to an Amazon Simple Notification Service (Amazon SNS) topic that has an SMS subscription.
F. Deploy an AWS Lambda function that pushes the errors directly to Amazon CloudWatch Log
G. Configure the Lambda function to run every time the log file is updated on disk.
H. Create an Auto Scaling lifecycle hook that invokes an EC2-based script to identify error
I. Configure the script to push the error messages to an Amazon CloudWatch log group when the EC2 instances scale i
J. Create a CloudWatch alarm that publishes to an Amazon Simple Notification Service (Amazon SNS) topic that has an email subscription when the number of error messages exceeds a threshold.

Answer: A

NEW QUESTION 18
A company is using an Amazon Aurora MySQL DB cluster that has point-in-time recovery, backtracking, and automatic backups enabled. A CloudOps engineer needs to be able to roll back the DB cluster to a specific recovery point within the previous 72 hours. Restores must be completed in the same production DB cluster.
Which solution will meet these requirements?

A. Create an Aurora Replic
B. Promote the replica to replace the primary DB instance.
C. Create an AWS Lambda function to restore an automatic backup to the existing DB cluster.
D. Use backtracking to rewind the existing DB cluster to the desired recovery point.
E. Use point-in-time recovery to restore the existing DB cluster to the desired recovery point.

Answer: C

NEW QUESTION 21
A company uses hundreds of Amazon EC2 On-Demand Instances and Spot Instances to run production and non-production workloads. The company installs and configures the AWS Systems Manager Agent (SSM Agent) on the EC2 instances.
During a recent instance patch operation, some instances were not patched because the instances were either busy or down. The company needs to generate a report that lists the current patch version of all instances.
Which solution will meet these requirements in the MOST operationally efficient way?

A. Use Systems Manager Inventory to collect patch version
B. Generate a report of all instances.
C. Use Systems Manager Run Command to remotely collect patch version informatio
D. Generate a report of all instances.
E. Use AWS Config to track EC2 instance configuration changes by using output from the SSM Agent
F. Create a custom rule to check for patch version
G. Generate a report of all unpatched instances.
H. Use AWS Config to monitor the patch status of the EC2 instances by using output from the SSM Agent
I. Create a configuration compliance rule to check whether patches are installe
J. Generate a report of all instances.

Answer: A

NEW QUESTION 25
An Amazon EC2 instance is running an application that uses Amazon Simple Queue Service (Amazon SQS) queues. A CloudOps engineer must ensure that the application can read, write, and delete messages from the SQS queues.
Which solution will meet these requirements in the MOST secure manner?

A. Create an IAM user with permissions and embed credentials in the application configuration.
B. Create an IAM user with permissions and export credentials as environment variables.
C. Create and associate an IAM role for EC2. Attach a policy that allows sqs:* permissions.

D. Create and associate an IAM role for EC2. Attach a policy that allows SendMessage, ReceiveMessage, and DeleteMessage permissions.

Answer: D

NEW QUESTION 26
A company's CloudOps engineer is troubleshooting communication between the components of an application. The company configured VPC flow logs to be published to Amazon CloudWatch Logs. However, there are no logs in CloudWatch Logs.
What could be blocking the VPC flow logs from being published to CloudWatch Logs?

A. The IAM policy attached to the IAM role for the flow log is missing the logs:CreateLogGroup permission.
B. The IAM policy attached to the IAM role for the flow log is missing the logs:CreateExportTask permission.
C. The VPC is configured for IPv6 addresses.
D. The VPC is peered with another VPC in the AWS account.

Answer: A

NEW QUESTION 31
A financial services company stores customer images in an Amazon S3 bucket in the us- east-1 Region. To comply with regulations, the company must ensure that all existing objects are replicated to an S3 bucket in a second AWS Region. If an object replication fails, the company must be able to retry replication for the object.
What solution will meet these requirements?

A. Configure Amazon S3 Cross-Region Replication (CRR). Use Amazon S3 live replication to replicate existing objects.
B. Configure Amazon S3 Cross-Region Replication (CRR). Use S3 Batch Replication to replicate existing objects.
C. Configure Amazon S3 Cross-Region Replication (CRR). Use S3 Replication Time Control (S3 RTC) to replicate existing objects.
D. Use S3 Lifecycle rules to move objects to the destination bucket in a second Region.

Answer: B

NEW QUESTION 35
A medical research company uses an Amazon Bedrock powered AI assistant with agents and knowledge bases to provide physicians quick access to medical study protocols. The company needs to generate audit reports that contain user identities, usage data for Bedrock agents, access data for knowledge bases, and interaction parameters.
Which solution will meet these requirements?

A. Use AWS CloudTrail to log API events from generative AI workload
B. Store the events in CloudTrail Lak
C. Use SQL-like queries to generate reports.
D. Use Amazon CloudWatch to capture generative AI application log
E. Stream the logs to Amazon OpenSearch Servic
F. Use an OpenSearch dashboard visualization to generate reports.
G. Use Amazon CloudWatch to log API events from generative AI workload
H. Send the events to an Amazon S3 bucke
I. Use Amazon Athena queries to generate reports.
J. Use AWS CloudTrail to capture generative AI application log
K. Stream the logs to Amazon Managed Service for Apache Flin
L. Use SQL queries to generate reports.

Answer: A

NEW QUESTION 37
A CloudOps engineer needs to build an event infrastructure for custom application- specific events. The events must be sent to an AWS Lambda function for processing. The CloudOps engineer must record the events so they can be replayed later by event type or event time.
Which solution will meet these requirements?

A. Create an Amazon EventBridge custom event bus, create an archive, and create a rule to send events to Lambda.
B. Create an archive on the default event bus and use pattern matching.
C. Create an EventBridge pipe and store events in an archive.
D. Create a CloudWatch Logs log group and route events there.

Answer: A

NEW QUESTION 42
A company runs an application that logs user data to an Amazon CloudWatch Logs log group. The company discovers that personal information the application has logged is visible in plain text in the CloudWatch logs.
The company needs a solution to redact personal information in the logs by default. Unredacted information must be available only to the company's security team.
Which solution will meet these requirements?

A. Create an Amazon S3 bucke
B. Create an export task from appropriate log groups in CloudWatc
C. Export the logs to the S3 bucke
D. Configure an Amazon Macie scan to discover personal data in the S3 bucke
E. Invoke an AWS Lambda function to move identified personal data to a second S3 bucke
F. Update the S3 bucket policies to grant only the security team access to both buckets.
G. Create a customer managed AWS KMS ke
H. Configure the KMS key policy to allow only the security team to perform decrypt operation
I. Associate the KMS key with the application log group.
J. Create an Amazon CloudWatch data protection policy for the application log grou

K. Configure data identifiers for the types of personal information that the application log
L. Ensure that the security team has permission to call the unmask API operation on the application log group.
M. Create an OpenSearch domai
N. Create an AWS Glue workflow that runs a Detect PII transform job and streams the output to the OpenSearch domai
O. Configure the CloudWatch log group to stream the logs to AWS Glu
P. Modify the OpenSearch domain access policy to allow only the security team to access the domain.

Answer: C

NEW QUESTION 44
A company has a multi-account AWS environment that includes the following:
• A central identity account that contains all IAM users and groups
• Several member accounts that contain IAM roles
A SysOps administrator must grant permissions for a particular IAM group to assume a role in one of the member accounts. How should the SysOps administrator accomplish this task?

A. In the member account, add sts:AssumeRole permissions to the role's polic
B. In the identity account, add a trust policy to the group that specifies the account number of the member account.
C. In the member account, add the group Amazon Resource Name (ARN) to the role's trust polic
D. In the identity account, add an inline policy to the group with sts:AssumeRole permissions.
E. In the member account, add the group Amazon Resource Name (ARN) to the role's trust polic
F. In the identity account, add an inline policy to the group with sts:PassRole permissions.
G. In the member account, add the group Amazon Resource Name (ARN) to the role's inline polic
H. In the identity account, add a trust policy to the group with sts:AssumeRole permissions.

Answer: B

NEW QUESTION 46
A company plans to run a public web application on Amazon EC2 instances behind an Elastic Load Balancing (ELB) load balancer. The company??s security team wants to protect the website by using AWS Certificate Manager (ACM) certificates. The load balancer must automatically redirect any HTTP requests to HTTPS.
Which solution will meet these requirements?

A. Create an Application Load Balancer that has one HTTPS listener on port 80. Attach an SSL/TLS certificate to port 80.
B. Create an Application Load Balancer that has one HTTP listener on port 80 and one HTTPS listener on port 443. Attach an SSL/TLS certificate to port 443. Create a rule to redirect requests from port 80 to port 443.
C. Create an Application Load Balancer that has two TCP listeners on ports 80 and 443. Attach an SSL/TLS certificate to port 443.
D. Create a Network Load Balancer with TCP listeners on ports 80 and 443. Attach an SSL/TLS certificate to port 443.

Answer: B

NEW QUESTION 49
A global gaming company is preparing to launch a new game on AWS. The game runs in multiple AWS Regions on a fleet of Amazon EC2 instances. The instances are in an Auto Scaling group behind an Application Load Balancer (ALB) in each Region. The company plans to use Amazon Route 53 for DNS services. The DNS configuration must direct users to the Region that is closest to them and must provide automated failover.
Which combination of steps should a CloudOps engineer take to configure Route 53 to meet these requirements? (Select TWO.)

A. Create Amazon CloudWatch alarms that monitor the health of the ALB in each Regio
B. Configure Route 53 DNS failover by using a health check that monitors the alarms.
C. Create Amazon CloudWatch alarms that monitor the health of the EC2 instances in each Regio
D. Configure Route 53 DNS failover by using a health check that monitors the alarms.
E. Configure Route 53 DNS failover by using a health check that monitors the private IP address of an EC2 instance in each Region.
F. Configure Route 53 geoproximity routin
G. Specify the Regions that are used for the infrastructure.
H. Configure Route 53 simple routin
I. Specify the continent, country, and state or province that are used for the infrastructure.

Answer: AD

NEW QUESTION 51
A CloudOps engineer is designing a solution for an Amazon RDS for PostgreSQL DB instance. Database credentials must be stored and rotated monthly. The application generates write-intensive traffic with variable and sudden increases in client connections.
Which solution should the CloudOps engineer choose to meet these requirements?

A. Configure AWS Key Management Service (AWS KMS) to automatically rotate the key
B. Use RDS Proxy.
C. Configure AWS KMS to rotate key
D. Use RDS read replicas.
E. Configure AWS Secrets Manager to rotate credential
F. Use RDS Proxy.
G. Configure AWS Secrets Manager to rotate credential
H. Use RDS read replicas.

Answer: C

NEW QUESTION 56
A company??s CloudOps engineer monitors multiple AWS accounts in an organization and checks each account??s AWS Health Dashboard. After adding 10 new accounts, the engineer wants to consolidate health alerts from all accounts.

Which solution meets this requirement with the least operational effort?

A. Enable organizational view in AWS Health.
B. Configure the Health Dashboard in each account to forward events to a central AWS CloudTrail log.
C. Create an AWS Lambda function to query the AWS Health API and write all events to an Amazon DynamoDB table.
D. Use the AWS Health API to write events to an Amazon DynamoDB table.

Answer: A

NEW QUESTION 59
An AWS Lambda function is intermittently failing several times a day. A CloudOps engineer must find out how often this error occurred in the last 7 days.
Which action will meet this requirement in the MOST operationally efficient manner?

A. Use Amazon Athena to query the Amazon CloudWatch logs that are associated with the Lambda function.
B. Use Amazon Athena to query the AWS CloudTrail logs that are associated with the Lambda function.
C. Use Amazon CloudWatch Logs Insights to query the associated Lambda function logs.
D. Use Amazon OpenSearch Service to stream the Amazon CloudWatch logs for the Lambda function.

Answer: C

NEW QUESTION 60
A company is running an ecommerce application on AWS. The application maintains many open but idle connections to an Amazon Aurora DB cluster. During times of peak usage, the database produces the following error message: "Too many connections." The database clients are also experiencing errors.
Which solution will resolve these errors?

A. Increase the read capacity units (RCUs) and the write capacity units (WCUs) on the database.
B. Configure RDS Prox
C. Update the application with the RDS Proxy endpoint.
D. Turn on enhanced networking for the DB instances.
E. Modify the DB cluster to use a burstable instance type.

Answer: B

NEW QUESTION 63
A company has an AWS CloudFormation template that includes an AWS::EC2::Instance resource and a custom resource (Lambda function). The Lambda function fails because it runs before the EC2 instance is launched.
Which solution will resolve this issue?

A. Add a DependsOn attribute to the custom resourc
B. Specify the EC2 instance in the DependsOn attribute.
C. Update the custom resource's service token to point to a valid Lambda function.
D. Update the Lambda function to use the cfn-response module to send a response to the custom resource.
E. Use the Fn::If intrinsic function to check for the EC2 instance before the custom resource runs.

Answer: A

NEW QUESTION 66
A company uses Amazon ElastiCache (Redis OSS) to cache application data. A CloudOps engineer must implement a solution to increase the resilience of the cache and minimize the recovery time objective (RTO).
Which solution will meet these requirements?

A. Replace ElastiCache (Redis OSS) with ElastiCache (Memcached).
B. Create an Amazon EventBridge rule to initiate a backup every hour.
C. Create a read replica in a second Availability Zone and enable Multi-AZ for the Redisreplication group.
D. Enable automatic backups and restore the backups when necessary.

Answer: C

NEW QUESTION 67
A CloudOps engineer configures an application to run on Amazon EC2 instances behind an Application Load Balancer (ALB) in a simple scaling Auto Scaling group with the default settings. The Auto Scaling group is configured to use the RequestCountPerTarget metric for scaling. The CloudOps engineer notices that the RequestCountPerTarget metric exceeded the specified limit twice in 180 seconds.
How will the number of EC2 instances in this Auto Scaling group be affected in this scenario?

A. The Auto Scaling group will launch an additional EC2 instance every time the RequestCountPerTarget metric exceeds the predefined limit.
B. The Auto Scaling group will launch one EC2 instance and will wait for the default cooldown period before launching another instance.
C. The Auto Scaling group will send an alert to the ALB to rebalance the traffic and not add new EC2 instances until the load is normalized.
D. The Auto Scaling group will try to distribute the traffic among all EC2 instances before launching another instance.

Answer: B

NEW QUESTION 72
A company has users that deploy Amazon EC2 instances with more Amazon EBS performance capacity than required. A CloudOps engineer must review all EBS volumes and create cost optimization recommendations based on IOPS and throughput.
What should the CloudOps engineer do in the MOST operationally efficient way?

A. Review EC2 console monitoring graphs manually.

B. Change instance types to EBS-optimized.
C. Opt in to AWS Compute Optimizer and review EBS volume recommendations.
D. Run fio benchmarks on each instance.

Answer: C

NEW QUESTION 75
A company has a microservice that runs on a set of Amazon EC2 instances. The EC2 instances run behind an Application Load Balancer (ALB).
A CloudOps engineer must use Amazon Route 53 to create a record that maps the ALB URL to example.com.
Which type of record will meet this requirement?

A. An A record
B. An AAAA record
C. An alias record
D. A CNAME record

Answer: C

NEW QUESTION 78
A CloudOps engineer must ensure that all of a company's current and future Amazon S3 buckets have logging enabled. If an S3 bucket does not have logging enabled, an automated process must enable logging for the S3 bucket.
Which solution will meet these requirements?

A. Use AWS Trusted Advisor to perform a check for S3 buckets that do not have logging enable
B. Configure the check to enable logging for S3 buckets that do not have logging enabled.
C. Configure an S3 bucket policy that requires all current and future S3 buckets to have logging enabled.
D. Use the s3-bucket-logging-enabled AWS Config managed rul
E. Add a remediation action that uses an AWS Lambda function to enable logging.
F. Use the s3-bucket-logging-enabled AWS Config managed rul
G. Add a remediation action that uses the AWS-ConfigureS3BucketLogging AWS Systems Manager Automation runbook.

Answer: D

NEW QUESTION 81
A company uses AWS Organizations to manage multiple AWS accounts. A CloudOps engineer must identify all IPv4 ports open to 0.0.0.0/0 across the organization??s accounts.
Which solution will meet this requirement with the LEAST operational effort?

A. Use the AWS CLI to print all security group rules for review.
B. Review AWS Trusted Advisor findings in an organizational view for the Security Groups – Specific Ports Unrestricted check.
C. Create an AWS Lambda function to gather security group rules from all account
D. Aggregate the findings in an Amazon S3 bucket.
E. Enable Amazon Inspector in each accoun
F. Run an automated workload discovery job.

Answer: B

NEW QUESTION 86
A company operates compute resources in a VPC and in the company??s on-premises data center. The company already has an AWS Direct Connect connection between the VPC and the on-premises data center.
A CloudOps engineer needs to ensure that Amazon EC2 instances in the VPC can resolve DNS names for hosts in the on-premises data center.
Which solution will meet this requirement with the LEAST amount of ongoing maintenance?

A. Create an Amazon Route 53 private hosted zon
B. Populate the zone with the hostnames and IP addresses of the hosts in the on-premises data center.
C. Create an Amazon Route 53 Resolver outbound endpoin
D. Add the IP addresses of an on-premises DNS server for the domain names that need to be forwarded.
E. Set up a forwarding rule for reverse DNS queries in Amazon Route 53 Resolve
F. Set the enableDnsHostnames attribute to true for the VPC.
G. Add the hostnames and IP addresses for the on-premises hosts to the /etc/hosts file of each EC2 instance.

Answer: B

NEW QUESTION 91
A company runs a web application on three Amazon EC2 instances behind an Application Load Balancer (ALB). The company notices that random periods of increased traffic cause a degradation in the application??s performance.
A CloudOps engineer must scale the application to meet the increased traffic. Which solution meets these requirements?

A. Create an Amazon CloudWatch alarm to monitor application latency and increase the size of each EC2 instance if the desired threshold is reached.
B. Create an Amazon EventBridge rule to monitor application latency and add an EC2 instance to the ALB if the desired threshold is reached.
C. Deploy the application to an Auto Scaling group of EC2 instances with a target tracking scaling polic
D. Attach the ALB to the Auto Scaling group.
E. Deploy the application to an Auto Scaling group of EC2 instances with a scheduled scaling polic
F. Attach the ALB to the Auto Scaling group.

Answer: C

NEW QUESTION 93
A CloudOps engineer has created a VPC that contains a public subnet and a private subnet. Amazon EC2 instances that were launched in the private subnet cannot access the internet. The default network ACL is active on all subnets in the VPC, and all security groups allow outbound traffic.
Which solution will provide the EC2 instances in the private subnet with access to the internet?

A. Create a NAT gateway in the public subne
B. Create a route from the private subnet to the NAT gateway.
C. Create a NAT gateway in the public subne
D. Create a route from the public subnet to the NAT gateway.
E. Create a NAT gateway in the private subne
F. Create a route from the public subnet to the NAT gateway.
G. Create a NAT gateway in the private subne
H. Create a route from the private subnet to the NAT gateway.

Answer: A

NEW QUESTION 95
A company is migrating its production file server to AWS. All data stored on the file server must remain accessible if an Availability Zone becomes unavailable or during system maintenance. Users must access the file server through the SMB protocol and manage permissions by using Windows ACLs.
Which solution will meet these requirements?

A. Create a single AWS Storage Gateway file gateway.
B. Create an Amazon FSx for Windows File Server Multi-AZ file system.
C. Deploy two AWS Storage Gateway file gateways in two Availability Zones behind an Application Load Balancer.
D. Deploy two Amazon FSx for Windows File Server Single-AZ file systems and configure DFS Replication.

Answer: B

NEW QUESTION 98
A web application runs on Amazon EC2 instances in the us-east-1 Region and the us-west- 2 Region. The instances run behind an Application Load Balancer (ALB) in each Region. An Amazon Route 53 hosted zone controls DNS records.
The instances in us-east-1 are production resources. The instances in us-west-2 are for disaster recovery. EC2 Auto Scaling groups are configured based on the ALBRequestCountPerTarget metric in both Regions.
A SysOps administrator must implement a solution that provides failover from us-east-1 to us-west-2. The instances in us-west-2 must be used only for failover.
Which solution will meet these requirements?

A. Implement a Route 53 health check and a failover routing policy for the hosted zon
B. Configure the failover routing policy to automatically redirect traffic to the resources in us- west-2.
C. Implement a Route 53 health check and a latency routing policy for the hosted zon
D. Configure the latency routing policy to automatically redirect traffic to the resources in us- west-2.
E. In us-east-1, create an Amazon CloudWatch alarm that enters ALARM state when an EC2 instance is terminate
F. In us-west-2, create an AWS Lambda function that modifies the Route 53 hosted zone records to send traffic to us-west-2. Configure the CloudWatch alarm to invoke the Lambda function.
G. In us-west-2, create an Amazon CloudWatch alarm that enters ALARM state when resources in us-east-1 cannot be resolve
H. In us-west-2, create an AWS Lambda function that modifies the Route 53 hosted zone records to send traffic to us-west-2. Configure the CloudWatch alarm to invoke the Lambda function.

Answer: A

NEW QUESTION 102
A company is migrating a legacy application to AWS. The application runs on EC2 instances across multiple Availability Zones behind an Application Load Balancer (ALB). The target group routing algorithm is set to weighted random, and the application requires session affinity (sticky sessions).
After deployment, users report random application errors that were not present before migration, even though target health checks are passing.
Which solution will meet this requirement?

A. Set the routing algorithm of the target group to least outstanding requests.
B. Turn on anomaly mitigation for the target group.
C. Turn off the cross-zone load balancing attribute of the target group.
D. Increase the deregistration delay attribute of the target group.

Answer: A

NEW QUESTION 105
A company has an on-premises DNS solution and wants to resolve DNS records in an Amazon Route 53 private hosted zone for example.com. The company has set up an AWS Direct Connect connection for network connectivity between the on-premises network and the VPC. A CloudOps engineer must ensure that an on-premises server can query records in the example.com domain.
What should the CloudOps engineer do to meet these requirements?

A. Create a Route 53 Resolver inbound endpoin
B. Attach a security group to the endpoint to allow inbound traffic on TCP/UDP port 53 from the on-premises DNS servers.
C. Create a Route 53 Resolver inbound endpoin
D. Attach a security group to the endpoint to allow outbound traffic on TCP/UDP port 53 to the on-premises DNS servers.
E. Create a Route 53 Resolver outbound endpoin
F. Attach a security group to the endpoint to allow inbound traffic on TCP/UDP port 53 from the on-premises DNS servers.
G. Create a Route 53 Resolver outbound endpoin
H. Attach a security group to the endpoint to allow outbound traffic on TCP/UDP port 53 to the on-premises DNS servers.

Answer: A

NEW QUESTION 109
A CloudOps engineer is creating a simple, public-facing website running on Amazon EC2. The CloudOps engineer created the EC2 instance in an existing public subnet and assigned an Elastic IP address. The CloudOps engineer created a new security group that allows incoming HTTP traffic from 0.0.0.0/0. The CloudOps engineer also created a new network ACL and applied it to the subnet to allow incoming HTTP traffic from 0.0.0.0/0. However, the website cannot be reached from the internet.
What is the cause of this issue?

A. The CloudOps engineer did not create an outbound rule that allows ephemeral port return traffic in the new network ACL.
B. The CloudOps engineer did not create an outbound rule in the security group that allows HTTP traffic from port 80.
C. The Elastic IP address assigned to the EC2 instance has changed.
D. There is an additional network ACL associated with the subnet that denies inbound HTTP traffic.

Answer: A

NEW QUESTION 114
A company asks a SysOps administrator to provision an additional environment for an application in four additional AWS Regions. The application is running on more than 100 Amazon EC2 instances in the us-east-1 Region, using fully configured Amazon Machine Images (AMIs). The company has an AWS CloudFormation template to deploy resources in us-east-1.
What should the SysOps administrator do to provision the application in the MOST operationally efficient manner?

A. Copy the AMI to each Region by using the aws ec2 copy-image comman
B. Update the CloudFormation template to include mappings for the copied AMIs.
C. Create a snapshot of the running instanc
D. Copy the snapshot to the other Region
E. Create an AMI from the snapshot
F. Update the CloudFormation template for each Region to use the new AMI.
G. Run the existing CloudFormation template in each additional Region based on the success of the template that is used currently in us-east-1.
H. Update the CloudFormation template to include the additional Regions in the Auto Scaling grou
I. Update the existing stack in us-east-1.

Answer: A

NEW QUESTION 116
A SysOps administrator must load test a new Amazon CloudFront distribution to assess data transfer and latency performance. Which solution will meet this requirement?

A. Send client requests from a single geographic regio
B. Configure the load test so that each client makes an identical DNS reques
C. Focus the client requests on the IP address that the DNS returns.
D. Send client requests from a single geographic regio
E. Configure the load test so that each client makes an independent DNS reques
F. Spread the client requests across the set of IP addresses that the DNS returns.
G. Send client requests from multiple geographic region
H. Configure the load test so that each client makes an identical DNS reques
I. Focus the client requests on the IP address that the DNS returns.
J. Send client requests from multiple geographic region
K. Configure the load test so that each client makes an independent DNS reques
L. Spread the client requests across the set of IP addresses that the DNS returns.

Answer: D

NEW QUESTION 119
A company runs an application on Amazon EC2 that connects to an Amazon Aurora PostgreSQL database. A developer accidentally drops a table from the database, causing application errors. Two hours later, a CloudOps engineer needs to recover the data and make the application functional again.
Which solution will meet this requirement?

A. Use the Aurora Backtrack feature to rewind the database to a specified time, 2 hours in the past.
B. Perform a point-in-time recovery on the existing database to restore the database to a specified point in time, 2 hours in the past.
C. Perform a point-in-time recovery and create a new database to restore the database to a specified point in time, 2 hours in the pas
D. Reconfigure the application to use a new database endpoint.
E. Create a new Aurora cluste
F. Choose the Restore data from S3 bucket optio
G. Choose log files up to the failure time 2 hours in the past.

Answer: C

NEW QUESTION 120
A CloudOps engineer wants to configure observability of specific metrics for a public website that runs on Amazon Elastic Kubernetes Service (Amazon EKS). The CloudOps engineer wants to observe latency, traffic, errors, and saturation metrics. The CloudOps engineer wants to define service level objectives (SLOs) and monitor service level indicators (SLIs). The CloudOps engineer also wants to correlate metrics, logs, and traces to support faster issue resolution.
Which solution will meet these requirements with the LEAST operational effort?

A. Use Amazon CloudWatch Application Signals to automatically collect and monitor the specified metrics for the EKS workloads.
B. Configure AWS Distro for OpenTelemetry and use Amazon Managed Service for Prometheus and Amazon Managed Grafana.
C. Configure Amazon CloudWatch RUM and CloudWatch Synthetics canaries.
D. Configure Amazon CloudWatch Application Insights.

Answer: A

NEW QUESTION 124
A CloudOps engineer needs to track the costs of data transfer between AWS Regions. The CloudOps engineer must implement a solution to send alerts to an email distribution list when transfer costs reach 75% of a specific threshold.
What should the CloudOps engineer do to meet these requirements?

A. Create an AWS Cost and Usage Repor
B. Analyze the results in Amazon Athen
C. Configure an alarm to publish a message to an Amazon Simple Notification Service (Amazon SNS) topic when costs reach 75% of the threshol
D. Subscribe the email distribution list to the topic.
E. Create an Amazon CloudWatch billing alarm to detect when costs reach 75% of the threshol
F. Configure the alarm to publish a message to an Amazon Simple Notification Service (Amazon SNS) topi
G. Subscribe the email distribution list to the topic.
H. Use AWS Budgets to create a cost budget for data transfer cost
I. Set an alert at 75% of the budgeted amoun
J. Configure the budget to send a notification to the email distribution list when costs reach 75% of the threshold.
K. Set up a VPC flow lo
L. Set up a subscription filter to an AWS Lambda function to analyze data transfe
M. Configure the Lambda function to send a notification to the email distribution list when costs reach 75% of the threshold.

Answer: C

NEW QUESTION 129
A SysOps administrator needs to encrypt an existing Amazon Elastic File System (Amazon EFS) file system by using an existing AWS KMS customer managed key.
Which solution will meet these requirements?

A. Use Amazon EFS replication to create a new file syste
B. Copy the data and metadata from the existing file system to the new file syste
C. Specify the KMS customer managed key in the replication configuratio
D. When the replication process finishes, fail over to the new encrypted file system.
E. Directly modify the file system to use encryptio
F. Specify the KMS customer managed key.
G. Use Amazon EFS replication to create a new file syste
H. Copy the data and metadata from the existing file system to the new file syste
I. Generate a new TLS certificat
J. Specify the TLS certificate in the replication configuratio
K. When the replication process finishes, fail over to the new encrypted file system.
L. Create a new EFS file system that is encrypted with the KMS customer managed ke
M. Create an Amazon EC2 instance to copy the file
N. Mount the encrypted file system and unencrypted file system on the instanc
O. Copy all data from the unencrypted file system to the encrypted file syste
P. Unmount the unencrypted file system and remove the temporary instance.

Answer: A

NEW QUESTION 131
A company??s ecommerce application is running on Amazon EC2 instances that are behind an Application Load Balancer (ALB). The instances are in an Auto Scaling group. Customers report that the website is occasionally down. When the website is down, it returns an HTTP 500 (server error) status code to customer browsers.
The Auto Scaling group??s health check is configured for EC2 status checks, and the instances appear healthy.
Which solution will resolve the problem?

A. Replace the ALB with a Network Load Balancer.
B. Add Elastic Load Balancing (ELB) health checks to the Auto Scaling group.
C. Update the target group configuration on the AL
D. Enable session affinity (sticky sessions).
E. Install the Amazon CloudWatch agent on all instance
F. Configure the agent to reboot the instances.

Answer: B

NEW QUESTION 134
A company requires the rotation of administrative credentials for production workloads on a regular basis. A CloudOps engineer must implement this policy for an Amazon RDS DB instance's master user password.
Which solution will meet this requirement with the LEAST operational effort?

A. Create an AWS Lambda function to change the RDS master user passwor
B. Create an Amazon EventBridge scheduled rule to invoke the Lambda function.
C. Create a new SecureString parameter in AWS Systems Manager Parameter Stor
D. Encrypt the parameter with an AWS Key Management Service (AWS KMS) ke
E. Configure automatic rotation.
F. Create a new String parameter in AWS Systems Manager Parameter Stor
G. Configure automatic rotation.
H. Create a new RDS database secret in AWS Secrets Manage
I. Apply the secret to the RDS DB instanc
J. Configure automatic rotation.

Answer: D

NEW QUESTION 137
A company's AWS accounts are in an organization in AWS Organizations. The organization has all features enabled. The accounts use Amazon EC2 instances to host applications. The company manages the EC2 instances manually by using the AWS Management Console. The company applies updates to the EC2 instances by using an SSH connection to each EC2 instance.
The company needs a solution that uses AWS Systems Manager to manage all the organization's current and future EC2 instances. The latest version of Systems Manager Agent (SSM Agent) is running on the EC2 instances.
Which solution will meet these requirements?

A. Configure a home AWS Region in Systems Manager Quick Setup in the organization's management accoun
B. Deploy the Systems Manager Default Host Management Configuration Quick Setup from the management account.
C. Configure a home AWS Region in Systems Manager Quick Setup in the organization's management accoun
D. Create a Systems Manager Run Command that attaches the AmazonSSMServiceRolePolicy IAM policy to every IAM role that the EC2 instances us
E. Invoke the command in every account in the organization.
F. Create an AWS CloudFormation stack set that contains a Systems Manager parameter to define the Default Host Management Configuration rol
G. Use the organization's management account to deploy the stack set to every account in the organization.
H. Create an AWS CloudFormation stack set that contains an EC2 instance profile with the AmazonSSMManagedEC2InstanceDefaultPolicy IAM policy attache
I. Use the organization's management account to deploy the stack set to every account in the organization.

Answer: A

NEW QUESTION 139
A CloudOps engineer wants to share a copy of a production database with a migration account. The production database is hosted on an Amazon RDS DB instance and is encrypted at rest with an AWS Key Management Service (AWS KMS) key that has an alias of production-rds-key.
What must the CloudOps engineer do to meet these requirements with the LEAST administrative overhead?

A. Take a snapshot of the RDS DB instanc
B. Update the KMS key policy to allow access for the migration account root use
C. Share the snapshot with the migration account.
D. Create an RDS read replica in the migration accoun
E. Replicate the KMS key.
F. Take a snapshot and create a new KMS key in the migration account with the same alias.
G. Export the database to Amazon S3 and import it into a new RDS instance.

Answer: A

NEW QUESTION 140
A CloudOps engineer has successfully deployed a VPC with an AWS CloudFormation template. The CloudOps engineer wants to deploy the same template across multiple accounts that are managed through AWS Organizations.
Which solution will meet this requirement with the LEAST operational overhead?

A. Assume the OrganizationAccountAccessRole IAM role from the management accoun
B. Deploy the template in each of the accounts.
C. Create an AWS Lambda function to assume a role in each accoun
D. Deploy the template by using the AWS CloudFormation CreateStack API call.
E. Create an AWS Lambda function to query for a list of account
F. Deploy the template by using the AWS CloudFormation CreateStack API call.
G. Use AWS CloudFormation StackSets from the management account to deploy the template in each of the accounts.

Answer: D

NEW QUESTION 142
A company uses an Amazon Simple Queue Service (Amazon SQS) queue and Amazon EC2 instances in an Auto Scaling group with target tracking for a web application. The company collects the ASGAverageNetworkIn metric but notices that instances do not scale fast enough during peak traffic. There are a large number of SQS messages accumulating in the queue.
A CloudOps engineer must reduce the number of SQS messages during peak periods. Which solution will meet this requirement?

A. Define and use a new custom Amazon CloudWatch metric based on the SQS ApproximateNumberOfMessagesDelayed metric in the target tracking policy.
B. Define and use Amazon CloudWatch metric math to calculate the SQS queue backlog for each instance in the target tracking policy.
C. Define and use step scaling by specifying a ChangeInCapacity value for the EC2 instances.
D. Define and use simple scaling by specifying a ChangeInCapacity value for the EC2 instances.

Answer: B

NEW QUESTION 145
A company has created a new video-on-demand (VOD) application. The application runs on a fleet of Amazon EC2 instances behind an Application Load Balancer (ALB). The company configured an Amazon CloudFront distribution and set the ALB as the origin. Because of increasing application demand, the company wants to move all video files to a central Amazon S3 bucket.
A SysOps administrator needs to ensure that video files can be cached at edge locations after the company migrates the files to Amazon S3.
Which solution will meet this requirement?

A. Configure CloudFront to send the X-Forwarded-For header to the origin and to redirect video requests to Amazon S3 instead of the ALB.
B. Configure a new CloudFront cache behavior to route to Amazon S3 as a new origin, based on matching a URL path pattern.
C. Configure URL signing in the CloudFront distribution by using a custom polic
D. Ensure that video files are accessed through signed URLs only.
E. Configure a CloudFront origin grou
F. Specify the required HTTP status codes to direct connection attempts to a secondary origin.

Answer: B

NEW QUESTION 150
A company has a microservice that runs on Amazon EC2 instances behind an Application Load Balancer (ALB). A CloudOps engineer must use Amazon Route 53 to create a record that maps the ALB URL to example.com.
Which type of Route 53 record will meet this requirement?

A. An A record
B. An AAAA record
C. An alias record
D. A CNAME record

Answer: C

NEW QUESTION 155
A company uses AWS Organizations to manage its AWS environment. The company implements a process that uses prebuilt Amazon Machine Images (AMIs) to launch instances as a security measure. All AMIs are tagged automatically with a key named ApprovedAMI.
The company wants to ensure that employees can use only the approved prebuilt AMIs to launch new instances.
Which solution will meet this requirement?

A. Implement a tag policy for the company's organization to require users to set the ApprovedAMI tag to launch new EC2 instances.
B. Implement an IAM policy that includes an aws:ResourceTag/ApprovedAMI condition.
C. Set up an AWS Config required-tags rule to prevent users from launching any nonapproved AMIs.
D. Use Amazon GuardDuty to constantly monitorDefenseEvasion:EC2/UnusualDoHActivity findings.

Answer: B

NEW QUESTION 159
A company hosts a static website in Amazon S3 behind an Amazon CloudFront distribution. When new versions are deployed, users sometimes do not see updated content immediately.
Which solution will meet this requirement?

A. Configure the CloudFront distribution to add a custom Cache-Control header to requests for content from the S3 bucket.
B. Modify the distribution settings to specify the protocol as HTTPS only.
C. Attach the CachingOptimized managed cache policy to the distribution.
D. Create a CloudFront invalidation.

Answer: D

NEW QUESTION 160
A global company runs a critical primary workload in the us-east-1 Region. The company wants to ensure business continuity with minimal downtime in case of a workload failure. The company wants to replicate the workload to a second AWS Region.
A CloudOps engineer needs a solution that achieves a recovery time objective (RTO) of less than 10 minutes and a zero recovery point objective (RPO) to meet service level agreements.
Which solution will meet these requirements?

A. Implement a pilot light architecture that provides real-time data replication in the second Regio
B. Configure Amazon Route 53 health checks and automated DNS failover.
C. Implement a warm standby architecture that provides regular data replication in a second Regio
D. Configure Amazon Route 53 health checks and automated DNS failover.
E. Implement an active-active architecture that provides real-time data replication across two Region
F. Use Amazon Route 53 health checks and a weighted routing policy.
G. Implement a custom script to generate a regular backup of the data and store it in an S3 bucket that is in a second Regio
H. Use the backup to launch the application in the second Region in the event of a workload failure.

Answer: C

NEW QUESTION 164
A company runs a retail website on multiple Amazon EC2 instances behind an Application Load Balancer (ALB). The company must secure traffic to the website over an HTTPS connection.
Which combination of actions should a SysOps administrator take to meet these requirements? (Select TWO.)

A. Attach the certificate to each EC2 instance.
B. Attach the certificate to the ALB.
C. Create a private certificate in AWS Certificate Manager (ACM).
D. Create a public certificate in AWS Certificate Manager (ACM).
E. Export the certificate, and attach it to the website.

Answer: BD

NEW QUESTION 166
Application A runs on Amazon EC2 instances behind a Network Load Balancer (NLB). The EC2 instances are in an Auto Scaling group and are in the same subnet that is associated with the NLB. Other applications from an on-premises environment cannot communicate with Application A on port 8080.
To troubleshoot the issue, a CloudOps engineer analyzes the flow logs. The flow logs include the following records:
? ACCEPT from 192.168.0.13:59003 172.31.16.139:8080
? REJECT from 172.31.16.139:8080 192.168.0.13:59003
What is the reason for the rejected traffic?

A. The security group of the EC2 instances has no Allow rule for the traffic from the NLB.
B. The security group of the NLB has no Allow rule for the traffic from the on-premises environment.

C. The ACL of the on-premises environment does not allow traffic to the AWS environment.
D. The network ACL that is associated with the subnet does not allow outbound traffic for the ephemeral port range.

Answer: D

NEW QUESTION 169
A CloudOps engineer is examining the following AWS CloudFormation template: AWSTemplateFormatVersion: '2010-09-09'
Description: 'Creates an EC2 Instance' Resources:
EC2Instance:
Type: AWS::EC2::Instance Properties:
ImageId: ami-79fd7eee InstanceType: m5n.large SubnetId: subnet-1abc3d3fg
PrivateDnsName: ip-10-24-34-0.ec2.internal Tags:
- Key: Name
Value: !Sub "${AWS::StackName} Instance" Why will the stack creation fail?

A. The Outputs section of the CloudFormation template was omitted.
B. The Parameters section of the CloudFormation template was omitted.
C. The PrivateDnsName cannot be set from a CloudFormation template.
D. The VPC was not specified in the CloudFormation template.

Answer: C

NEW QUESTION 171
A company has deployed Amazon EC2 instances from custom AMIs in two AWS Regions. All instances are registered with AWS Systems Manager. The company discovers a critical zero-day OS exploit but does not know which instances are affected.
A CloudOps engineer must deploy operating system patches with the LEAST operational overhead.
Which solution will meet this requirement?

A. Define a patch baseline in Systems Manager Patch Manage
B. Run a scan to identify affected instances and use Patch Now in each Region.
C. Use AWS Config to identify affected instances and then patch them.
D. Use EventBridge to trigger patching automatically.
E. Update the AMIs and manually replace instances.

Answer: A

NEW QUESTION 173
A company uses AWS Systems Manager Session Manager to manage EC2 instances in the eu-west-1 Region. The company wants private connectivity using VPC endpoints.
Which VPC endpoints are required to meet these requirements? (Select THREE.)

A. com.amazonaws.eu-west-1.ssm
B. com.amazonaws.eu-west-1.ec2messages
C. com.amazonaws.eu-west-1.ec2
D. com.amazonaws.eu-west-1.ssmmessages
E. com.amazonaws.eu-west-1.s3
F. com.amazonaws.eu-west-1.states

Answer: ABD

NEW QUESTION 174
A company has a VPC that contains a public subnet and a private subnet. The company deploys an Amazon EC2 instance that uses an Amazon Linux AMI and has the AWS Systems Manager Agent (SSM Agent) installed in the private subnet. The EC2 instance is in a security group that allows only outbound traffic.
A CloudOps engineer needs to give a group of privileged administrators the ability to connect to the instance through SSH without exposing the instance to the internet.
Which solution will meet this requirement?

A. Create an EC2 Instance Connect endpoint in the private subne
B. Update the security group to allow inbound SSH traffi
C. Assign PowerUserAccess to administrators.
D. Create a Systems Manager endpoint in the private subne
E. Update the security group to allow SSH traffic from the endpoint networ
F. Assign PowerUserAccess.
G. Create an EC2 Instance Connect endpoint in the public subne
H. Update the security group to allow SSH traffic from the private networ
I. Assign PowerUserAccess.
J. Create a Systems Manager endpoint in the public subne
K. Create an IAM role with AmazonSSMManagedInstanceCore for the EC2 instanc
L. Assign AmazonEC2ReadOnlyAccess to administrators.

Answer: A

NEW QUESTION 178
A company has a workload that is sending log data to Amazon CloudWatch Logs. One of the fields includes a measure of application latency. A CloudOps engineer needs to monitor the p90 statistic of this field over time.
What should the CloudOps engineer do to meet this requirement?

A. Create an Amazon CloudWatch Contributor Insights rule on the log data.

B. Create a metric filter on the log data.
C. Create a subscription filter on the log data.
D. Create an Amazon CloudWatch Application Insights rule for the workload.

Answer: B

NEW QUESTION 180
A media company hosts a public news and video portal on AWS. The portal uses an Amazon DynamoDB table with provisioned capacity to maintain an index of video files that are stored in an Amazon S3 bucket. During a recent event, millions of visitors came to the portal for news. This increase in traffic caused read requests to be throttled in the DynamoDB table. Videos could not be displayed in the portal.
The company's operations team manually increased the provisioned capacity on a temporary basis to meet the demand. The company wants the operations team to receive an alert before the table is throttled in the future. The company has created an Amazon Simple Notification Service (Amazon SNS) topic and has subscribed the operations team's email address to the SNS topic.
What should the company do next to meet these requirements?

A. Create an Amazon CloudWatch alarm that uses the ConsumedReadCapacityUnits metri
B. Set the alarm threshold to a value that is close to the DynamoDB table's provisioned capacit
C. Configure the alarm to publish notifications to the SNS topic.
D. Turn on auto scaling on the DynamoDB tabl
E. Configure an Amazon EventBridge rule to publish notifications to the SNS topic during scaling events.
F. Turn on Amazon CloudWatch Logs for the DynamoDB tabl
G. Create an Amazon CloudWatch metric filter to pattern match the THROTTLING_EXCEPTION status code from DynamoD
H. Create a CloudWatch alarm for the metri
I. Select the SNS topic fornotifications.
J. Configure the application to store logs in Amazon CloudWatch Log
K. Create an Amazon CloudWatch metric filter to pattern match the THROTTLING_EXCEPTION status code from DynamoD
L. Create a CloudWatch alarm for the metri
M. Select the SNS topic for notifications.

Answer: A

NEW QUESTION 181
A CloudOps engineer created a VPC with a private subnet, a security group allowing all outbound traffic, and an endpoint for EC2 Instance Connect in the private subnet. The EC2 instance was launched without an SSH key pair, using the same subnet and security group. However, the engineer cannot connect via EC2 Instance Connect endpoint.
How can the CloudOps engineer connect to the instance?

A. Create an inbound rule in the security group to allow HTTPS traffic on port 443 from the private subnet.
B. Create an inbound rule in the security group to allow SSH traffic on port 22 from the private subnet.
C. Create an IAM instance profile that allows AWS Systems Manager Session Managerto access the EC2 instanc
D. Associate the instance profile with the instance.
E. Recreate the EC2 instanc
F. Associate an SSH key pair with the instance.

Answer: C

NEW QUESTION 182
A company uses multiple Amazon RDS databases to support an application. The application receives all its traffic during weekdays and is idle during weekends.
The company wants a solution to automatically manage the RDS DB instances during idle periods to optimize costs.
Which solution will meet these requirements?

A. Use a cron job to automatically scale down the RDS DB instance type during weekends.
B. Configure Instance Scheduler on AWS to stop the RDS DB instances at the beginning of each weekend and to start the instances at the end of each weekend.
C. Purchase Reserved Instances for the RDS DB instances.
D. Use the auto scaling feature of Amazon RDS to automatically adjust the DB instance type based on CPU utilization.

Answer: B

NEW QUESTION 187
.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your SOA-C03 Exam with Our Prep Materials Via below:

https://www.certleader.com/SOA-C03-dumps.html