Exam Questions SOA-C03

AWS Certified CloudOps Engineer - Associate

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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 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 4
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 5
A company uses an AWS Lambda function to process user uploads to an Amazon S3 bucket. The Lambda function runs in response to Amazon S3 PutObject events.
A SysOps administrator needs to set up monitoring for the Lambda function. The SysOps administrator wants to receive a notification through an Amazon Simple Notification Service (Amazon SNS) topic if the function takes more than 10 seconds to process an event.
Which solution will meet this requirement?

A. Collect Amazon CloudWatch logs for the Lambda functio
B. Create a metric filter to extract the PostRuntimeExtensionsDuration metric from the log
C. Create a CloudWatch alarm to publish a notification to the SNS topic when the function runtime exceeds 10 seconds.
D. Collect Amazon CloudWatch metrics for the Lambda function to extract the function runtim
E. Create a CloudWatch alarm to publish a notification to the SNS topic when the runtime exceeds 10 seconds.
F. Configure an Amazon CloudWatch metric filter to capture the runtime of the Lambda functio
G. Set the function's timeout setting to 10 second
H. Create an SNS subscription to alert the SysOps administrator if the function times out.
I. Use Amazon CloudWatch Logs Insights to query Lambda logs for the function runtim
J. Set up a CloudWatch alarm based on the query resul
K. Configure Amazon SNS to send notifications when function runtime exceeds 10 seconds.

Answer: B

NEW QUESTION 6
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 7
An environment consists of 100 Amazon EC2 Windows instances. The Amazon CloudWatch agent is deployed and running on all EC2 instances with a baseline configuration file to capture log files. There is a new requirement to capture DHCP log files that exist on 50 of the instances.
What is the MOST operationally efficient way to meet this new requirement?

A. Create an additional CloudWatch agent configuration file to capture the DHCP log
B. Use AWS Systems Manager Run Command to restart the CloudWatch agent on each EC2 instance with the append-config option.
C. Log in to each EC2 instance with administrator rights and create a PowerShell script to push logs to CloudWatch.
D. Run the CloudWatch agent configuration wizard on each EC2 instance and add DHCP logs manually.
E. Run the CloudWatch agent configuration wizard on each EC2 instance and select the advanced detail level.

Answer: A

NEW QUESTION 8
An AWS CloudFormation template creates an Amazon RDS instance. This template is used to build up development environments as needed and then delete the stack when the environment is no longer required. The RDS-persisted data must be retained for further use, even after the CloudFormation stack is deleted.
How can this be achieved in a reliable and efficient way?

A. Write a script to continue backing up the RDS instance every five minutes.
B. Create an AWS Lambda function to take a snapshot of the RDS instance, and manually invoke the function before deleting the stack.
C. Use the Snapshot Deletion Policy in the CloudFormation template definition of the RDS instance.
D. Create a new CloudFormation template to perform backups of the RDS instance, and run this template before deleting the stack.

Answer: C

NEW QUESTION 9
A company runs several workloads on AWS. The company identifies five AWS Trusted Advisor service quota metrics to monitor in a specific AWS Region. The company wants to receive email notifications each time resource usage exceeds 60% of one of the service quotas.
Which solution will meet these requirements?

A. Create five Amazon CloudWatch alarms, one for each Trusted Advisor service quota metri
B. Configure an Amazon Simple Notification Service (Amazon SNS) topic for email notification each time that usage exceeds 60% of one of the service quotas.
C. Create five Amazon CloudWatch alarms, one for each Trusted Advisor service quota metri
D. Configure an Amazon Simple Queue Service (Amazon SQS) queue for email notification.
E. Use the AWS Health Dashboard to monitor each Trusted Advisor service quota metri
F. Configure an Amazon SQS queue for email notification.
G. Use the AWS Health Dashboard to monitor each Trusted Advisor service quota metri
H. Configure an Amazon SNS topic for email notification.

Answer: A

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 10
A company has a new security policy that requires all Amazon Elastic Block Store (Amazon EBS) volumes to be encrypted at rest. The company needs to use a

custom key policy to manage access to the encryption keys. The company must rotate the keys once each year.
Which solution will meet these requirements with the LEAST operational overhead?

A. Create AWS KMS symmetric customer managed key
B. Enable automatic key rotation.
C. Use AWS owned AWS KMS keys across the company's AWS environment.
D. Create AWS KMS asymmetric customer managed key
E. Enable automatic key rotation.
F. Create AWS KMS symmetric customer managed keys by using imported key materia
G. Rotate the keys on a yearly basis.

Answer: A

NEW QUESTION 14
A company runs a business application on more than 300 Linux-based instances. Each instance has the AWS Systems Manager Agent (SSM Agent) installed. The company expects the number of instances to grow in the future. All business application instances have the same user-defined tag.
A CloudOps engineer wants to run a command on all the business application instances to download and install a package from a private repository. To avoid overwhelming the repository, the CloudOps engineer wants to ensure that no more than 30 downloads occur at one time.
Which solution will meet this requirement in the MOST operationally efficient way?

A. Use a secondary tag to create 10 batches of 30 instances eac
B. Use a Systems Manager Run Command document to download and install the packag
C. Run each batch one time.
D. Use an AWS Lambda function to automatically run a Systems Manager Run Command documen
E. Set reserved concurrency for the Lambda function to 30.
F. Use a Systems Manager Run Command document to download and install the package.Use rate control to set concurrency to 30. Specify the target by using the user-defined tag.
G. Use a parallel workflow state in AWS Step Function
H. Set the number of parallel states to 30.

Answer: C

NEW QUESTION 15
An errant process is known to use an entire processor and run at 100% CPU. A CloudOps engineer wants to automate restarting an Amazon EC2 instance when the problem occurs for more than 2 minutes.
How can this be accomplished?

A. Create an Amazon CloudWatch alarm for the EC2 instance with basic monitorin
B. Add an action to restart the instance.
C. Create an Amazon CloudWatch alarm for the EC2 instance with detailed monitorin
D. Add an action to restart the instance.
E. Create an AWS Lambda function to restart the EC2 instance, invoked on a scheduled basis every 2 minutes.
F. Create an AWS Lambda function to restart the EC2 instance, invoked by EC2 health checks.

Answer: B

NEW QUESTION 19
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 20
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 24
A company's developers manually install software modules on Amazon EC2 instances to deploy new versions of a service. A security audit finds that instances contain inconsistent and unapproved modules.
A CloudOps engineer must create a new instance image that contains only approved software.
Which solution will meet these requirements?

A. Use Amazon Detective to continuously find and uninstall unauthorized modules from the instances.
B. Use Amazon GuardDuty to create and deploy an Amazon Machine Image (AMI) that includes only the approved modules.
C. Use AWS Systems Manager Run Command to install the approved modules on all running instances during an in-place update.
D. Use EC2 Image Builder to create and test an Amazon Machine Image (AMI) that includes only the approved module
E. Update the deployment workflow to use the new AMI.

Answer: D

NEW QUESTION 27
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 28
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 29
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 33
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 34
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. The solution also must 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 hou
C. Restore the backup when necessary.
D. Create a read replica in a second Availability Zon
E. Enable Multi-AZ for the ElastiCache (Redis OSS) replication group.
F. Enable automatic backup
G. Restore the backups when necessary.

Answer: C

NEW QUESTION 35
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 40
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 43
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 46
A company deploys an application on Amazon EC2 instances in an Auto Scaling group behind an Application Load Balancer (ALB). The company wants to protect the application from SQL injection attacks.
Which solution will meet this requirement?

A. Deploy AWS Shield Advanced in front of the AL
B. Enable SQL injection filtering.
C. Deploy AWS Shield Standard in front of the AL
D. Enable SQL injection filtering.
E. Deploy a vulnerability scanner on each EC2 instanc
F. Continuously scan the application code.
G. Deploy AWS WAF in front of the AL
H. Subscribe to an AWS Managed Rule for SQL injection filtering.

Answer: D

NEW QUESTION 49
A company's application is hosted by an internet provider at app.example.com. The company wants to access the application by using www.company.com, which the company owns and manages with Amazon Route 53.
Which Route 53 record should be created to address this requirement?

A. A record
B. Alias record
C. CNAME record
D. Pointer (PTR) record

Answer: C

NEW QUESTION 54
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 58
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 62
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 63
A SysOps administrator creates a custom Amazon Machine Image (AMI) in the eu-west-2 Region and uses the AMI to launch Amazon EC2 instances. The SysOps administrator needs to use the same AMI to launch EC2 instances in two other Regions: us-east-1 and us-east-2.
What must the SysOps administrator do to use the custom AMI in the additional Regions?

A. Copy the AMI to the additional Regions
B. Make the AMI public in the Community AMIs section of the AWS Management Console
C. Share the AMI to the additional Region
D. Assign the required access permissions.
E. Copy the AMI to a new Amazon S3 bucke
F. Assign access permissions to the AMI for the additional Regions

Answer: A

NEW QUESTION 68
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 72
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 75
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 76
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 80
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 81
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 Amazon Machine Image (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. Create an IAM group for privileged administrator
D. Assign the PowerUserAccess managed policy to the IAM group.
E. Create a Systems Manager endpoint in the private subne
F. Update the security group to allow SSH traffic from the private network where the Systems Manager endpoint is connecte
G. Create an IAM group for privileged administrator
H. Assign the PowerUserAccess managed policy to the IAM group.
I. Create an EC2 Instance Connect endpoint in the public subne
J. Update the security group to allow SSH traffic from the private networ
K. Create an IAM group for privileged administrator
L. Assign the PowerUserAccess managed policy to the IAM group.
M. Create a Systems Manager endpoint in the public subne
N. Create an IAM role that has the AmazonSSMManagedInstanceCore permission for the EC2 instanc
O. Create an IAM group for privileged administrator
P. Assign the AmazonEC2ReadOnlyAccess IAM policy to the IAM group.

Answer: A

NEW QUESTION 83
A multinational company uses an organization in AWS Organizations to manage over 200 member accounts across multiple AWS Regions. The company must ensure that all AWS resources meet specific security requirements.
The company must not deploy any EC2 instances in the ap-southeast-2 Region. The company must completely block root user actions in all member accounts. The company must prevent any user from deleting AWS CloudTrail logs, including administrators. The company requires a centrally managed solution that the company can automatically apply to all existing and future accounts. Which solution will meet these requirements?

A. Create AWS Config rules with remediation actions in each account to detect policy violation
B. Implement IAM permissions boundaries for the account root users.

C. Enable AWS Security Hub across the organizatio
D. Create custom security standards to enforce the security requirement
E. Use AWS CloudFormation StackSets to deploy the standards to all the accounts in the organizatio
F. Set up Security Hub automated remediation actions.
G. Use AWS Control Tower for account governanc
H. Configure Region deny control
I. UseService Control Policies (SCPs) to restrict root user access.
J. Configure AWS Firewall Manager with security policies to meet the security requirement
K. Use an AWS Config aggregator with organization-wide conformance packs to detect security policy violations.

Answer: C

NEW QUESTION 88
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 90
A company runs an application on an Amazon EC2 instance. The application uses a MySQL database. The EC2 instance has a General Purpose SSD (gp3) Amazon EBS volume attached. The company wants to perform load testing using a new MySQL database created from an EBS snapshot of the production instance. The new database must perform as similarly as possible to production.
Which solution will meet these requirements in the LEAST amount of time?

A. Use Amazon EBS fast snapshot restore (FSR) to create a new General Purpose SSD volume from the production snapshot.
B. Use Amazon EBS fast snapshot restore (FSR) to create a new Provisioned IOPS SSD volume from the production snapshot.
C. Use Amazon EBS standard snapshot restore to create a new General Purpose SSD volume from the production snapshot.
D. Use Amazon EBS standard snapshot restore to create a new Provisioned IOPS SSD volume from the production snapshot.

Answer: A

NEW QUESTION 93
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 96
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 97
A company has an internal web application that runs on Amazon EC2 instances behind an Application Load Balancer. The instances run in an Amazon EC2 Auto Scaling group in a single Availability Zone. A CloudOps engineer must make the application highly available.
Which action should the CloudOps engineer take to meet this requirement?

A. Increase the maximum number of instances in the Auto Scaling group to meet the capacity that is required at peak usage.
B. Increase the minimum number of instances in the Auto Scaling group to meet the capacity that is required at peak usage.
C. Update the Auto Scaling group to launch new instances in a second Availability Zone in the same AWS Region.

D. Update the Auto Scaling group to launch new instances in an Availability Zone in a second AWS Region.

Answer: C

NEW QUESTION 101
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 105
A CloudOps engineer must manage the security of an AWS account. Recently, an IAM user??s access key was mistakenly uploaded to a public code repository. The engineer must identify everything that was changed using this compromised key.
How should the CloudOps engineer meet these requirements?

A. Create an Amazon EventBridge rule to send all IAM events to an AWS Lambda function for analysis.
B. Query Amazon EC2 logs by using Amazon CloudWatch Logs Insights for all events initiated with the compromised access key within the suspected timeframe.
C. Search AWS CloudTrail event history for all events initiated with the compromised access key within the suspected timeframe.
D. Search VPC Flow Logs for all events initiated with the compromised access key within the suspected timeframe.

Answer: C

NEW QUESTION 109
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 112
A company uses AWS CloudFormation to manage a stack of Amazon EC2 instances. A CloudOps engineer needs to keep the EC2 instances and their data even if the stack is deleted.
Which solution will meet these requirements?

A. Set the DeletionPolicy attribute to Snapshot.
B. Use Amazon Data Lifecycle Manager (DLM).
C. Create an AWS Backup plan.
D. Set the DeletionPolicy attribute to Retain.

Answer: D

NEW QUESTION 116
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 121
A company runs a high performance computing (HPC) data-processing application on Amazon EC2 instances in one Availability Zone within a development

environment. The application uses a dataset that the company stores on an Amazon S3 general purpose bucket in the same AWS Region as the EC2 instances.
A SysOps administrator must improve the application's performance for retrieval of objects from Amazon S3.
Which solution will meet these requirements?

A. Enable S3 Transfer Acceleration for the S3 bucke
B. Create an S3 access point for the bucke
C. Update the application to use the access point.
D. Create an S3 Lifecycle configuration for the S3 bucket to move all objects to the S3 Express One Zone storage clas
E. Update the application to use an S3 Regional endpoint.
F. Create a second general purpose S3 bucket in the same Regio
G. Copy the objects from the original bucket to the new bucke
H. Use the S3 Express One Zone storage class to store the objects in the new bucke
I. Update the application to use an S3 Regional endpoint.
J. Create an S3 directory bucket in the same Availability Zon
K. Import objects from the original bucket to the new bucke
L. Use the S3 Express One Zone storage class to store the objects in the new bucke
M. Update the application to use an S3 Zonal endpoint.

Answer: D

NEW QUESTION 125
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 127
A company has a web application that is experiencing performance problems many times each night. A root cause analysis reveals sudden increases in CPU utilization that last 5 minutes on an Amazon EC2 Linux instance. A CloudOps engineer must find the process ID (PID) of the service or process that is consuming more CPU.
What should the CloudOps engineer do to collect the process utilization information with the LEAST amount of effort?

A. Configure the Amazon CloudWatch agent procstat plugin to capture CPU process metrics.
B. Configure an AWS Lambda function to run every minute to capture the PID and send a notification.
C. Log in to the EC2 instance each night and run the top command.
D. Use the default Amazon CloudWatch CPUUtilization metric.

Answer: A

NEW QUESTION 130
A company maintains a list of 75 approved Amazon Machine Images (AMIs) that can be used across an organization in AWS Organizations. The company's development team has been launching Amazon EC2 instances from unapproved AMIs.
A SysOps administrator must prevent users from launching EC2 instances from unapproved AMIs.
Which solution will meet this requirement?

A. Add a tag to the approved AMI
B. Create an IAM policy that includes a tag condition that allows users to launch EC2 instances from only the tagged AMIs.
C. Create a service-linked rol
D. Attach a policy that denies the ability to launch EC2 instances from a list of unapproved AMI
E. Assign the role to users.
F. Use AWS Config with an AWS Lambda function to check for EC2 instances that are launched from unapproved AMI
G. Program the Lambda function to send an Amazon Simple Notification Service (Amazon SNS) message to the SysOps administrator to terminate those EC2 instances.
H. Use AWS Trusted Advisor to check for EC2 instances that are launched from unapproved AMI
I. Configure Trusted Advisor to invoke an AWS Lambda function to terminate those EC2 instances.

Answer: A

NEW QUESTION 132
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 133
A company??s Amazon EC2 instance with high CPU utilization is a t3.large instance running a test web app. The company determines the app would run better on a compute-optimized large instance.
What should the CloudOps engineer do?

A. Migrate the EC2 instance to a compute optimized instance by using AWS VM Import/Export.
B. Enable hibernation on the EC2 instanc
C. Change the instance type to a compute optimized instanc
D. Disable hibernation on the EC2 instance.
E. Stop the EC2 instanc
F. Change the instance type to a compute optimized instanc
G. Start the EC2 instance.
H. Change the instance type to a compute optimized instance while the EC2 instance is running.

Answer: C

NEW QUESTION 138
A CloudOps engineer is maintaining a web application that uses an Amazon CloudFront web distribution, an Application Load Balancer (ALB), Amazon RDS, and Amazon EC2 in a VPC. All services have logging enabled. The CloudOps engineer needs to investigate HTTP Layer 7 status codes from the web application.
Which log sources contain the status codes? (Select TWO.)

A. VPC Flow Logs
B. AWS CloudTrail logs
C. ALB access logs
D. CloudFront access logs
E. RDS logs

Answer: CD

NEW QUESTION 142
A company needs to upload gigabytes of files daily to Amazon S3 and requires higher throughput and faster upload speeds.
Which action should a CloudOps engineer take?

A. Create an Amazon CloudFront distribution with the GET HTTP method allowed and the S3 bucket as an origin.
B. Create an Amazon ElastiCache cluster and enable caching for the S3 bucket.
C. Set up AWS Global Accelerator and configure it with the S3 bucket.
D. Enable S3 Transfer Acceleration and use the acceleration endpoint when uploading files.

Answer: D

NEW QUESTION 147
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 149
A company hosts an FTP server on EC2 instances. AWS Security Hub sends findings to Amazon EventBridge when the FTP port becomes publicly exposed in attached security groups.
A CloudOps engineer needs an automated, event-driven remediation solution to remove public access from security groups.
Which solution will meet these requirements?

A. Configure the existing EventBridge event to stop the EC2 instances that have the exposed port.
B. Create a cron job for the FTP server to invoke an AWS Lambda functio
C. Configure the Lambda function to modify the security group of the identified EC2 instances and to remove the instances that allow public access.

D. Create a cron job for the FTP server that invokes an AWS Lambda functio
E. Configure the Lambda function to modify the server to use SFTP instead of FTP.
F. Configure the existing EventBridge event to invoke an AWS Lambda functio
G. Configure the function to remove the security group rule that allows public access.

Answer: D

NEW QUESTION 150
A CloudOps engineer has created an AWS Service Catalog portfolio and shared it with a second AWS account in the company, managed by a different CloudOps engineer.
Which action can the CloudOps engineer in the second account perform?

A. Add a product from the imported portfolio to a local portfolio.
B. Add new products to the imported portfolio.
C. Change the launch role for the products contained in the imported portfolio.
D. Customize the products in the imported portfolio.

Answer: A

NEW QUESTION 153
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 156
A company hosts a critical legacy application on two Amazon EC2 instances that are in one Availability Zone. The instances run behind an Application Load Balancer (ALB). The company uses Amazon CloudWatch alarms to send Amazon Simple Notification Service (Amazon SNS) notifications when the ALB health checks detect an unhealthy instance. After a notification, the company's engineers manually restart the unhealthy instance. A CloudOps engineer must configure the application to be highly available and more resilient to failures. Which solution will meet these requirements?

A. Create an Amazon Machine Image (AMI) from a healthy instanc
B. Launch additional instances from the AMI in the same Availability Zon
C. Add the new instances to the ALB target group.
D. Increase the size of each instanc
E. Create an Amazon EventBridge rul
F. Configure the EventBridge rule to restart the instances if they enter a failed state.
G. Create an Amazon Machine Image (AMI) from a healthy instanc
H. Launch an additional instance from the AMI in the same Availability Zon
I. Add the new instance to the ALB target grou
J. Create an AWS Lambda function that runs when an instance is unhealth
K. Configure the Lambda function to stop and restart the unhealthy instance.
L. Create an Amazon Machine Image (AMI) from a healthy instanc
M. Create a launch template that uses the AM
N. Create an Amazon EC2 Auto Scaling group that is deployed across multiple Availability Zone
O. Configure the Auto Scaling group to add instances to theALB target group.

Answer: D

NEW QUESTION 160
A CloudOps engineer creates a new VPC that contains a private subnet, a security group that allows all outbound traffic, and an endpoint for Amazon EC2 Instance Connect in a private subnet. The CloudOps engineer associates the security group with EC2 Instance Connect.
The CloudOps engineer launches an EC2 instance from an Amazon Linux Amazon Machine Image (AMI) in the private subnet. The CloudOps engineer launches the EC2 instance without an SSH key pair.
The CloudOps engineer tries to connect to the instance by using the EC2 Instance Connect endpoint. However, the connection fails.
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 Manager to 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: B

NEW QUESTION 165
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 166
A CloudOps engineer is troubleshooting an implementation of Amazon CloudWatch Synthetics. The CloudWatch Synthetics results must be sent to an Amazon S3 bucket.
The CloudOps engineer has copied the configuration of an existing canary that runs on a VPC that has an internet gateway attached. However, the CloudOps engineer cannot get the canary to successfully start on a private VPC that has no internet access.
What should the CloudOps engineer do to successfully run the canary on the private VPC?

A. Ensure that the DNS resolution option and the DNS hostnames option are turned on in the VP
B. Add the synthetics:GetCanaryRuns permission to the VP
C. On the S3 bucket, add the IgnorePublicAcls permission to the CloudWatch Synthetics role.
D. Ensure that the DNS resolution option and the DNS hostnames option are turned off in the VP
E. Create a gateway VPC endpoint for Amazon S3. Add the permissions to allow CloudWatch Synthetics to use the S3 endpoint.
F. Ensure that the DNS resolution option and the DNS hostnames option are turned off in the VP
G. Add a security group to the canary to allow outbound traffic on the DNS por
H. Add the permissions to allow CloudWatch Synthetics to write to the S3 bucket.
I. Ensure that the DNS resolution option and the DNS hostnames option are turned on in the VP
J. Create an interface VPC endpoint for CloudWatc
K. Create a gateway VPC endpoint for Amazon S3. Add the permissions to allow CloudWatch Synthetics to use both endpoints.

Answer: D

NEW QUESTION 170
A CloudOps engineer wants to provide access to AWS services by attaching an IAM policy to multiple IAM users. The CloudOps engineer also wants to be able to change the policy and create new versions.
Which combination of actions will meet these requirements? (Select TWO.)

A. Add the users to an IAM service-linked rol
B. Attach the policy to the role.
C. Add the users to an IAM user grou
D. Attach the policy to the group.
E. Create an AWS managed policy.
F. Create a customer managed policy.
G. Create an inline policy.

Answer: BD

NEW QUESTION 175
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 178
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 181
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 184
A CloudOps engineer needs to set up alerting and remediation for a web application. The application consists of Amazon EC2 instances that have AWS Systems Manager Agent (SSM Agent) installed. Each EC2 instance runs a custom web server. The EC2 instances run behind a load balancer and write logs locally.
The CloudOps engineer must implement a solution that restarts the web server software automatically if specific web errors are detected in the logs.
Which combination of steps will meet these requirements? (Select THREE.)

A. Install the Amazon CloudWatch agent on the EC2 instances.
B. Create an AWS CloudTrail metric filter for the web log
C. Configure an alarm for the specific errors.
D. Create an Amazon CloudWatch metric filter for the web log
E. Configure an alarm for the specific errors.
F. Publish alarm findings to Amazon Simple Email Service (Amazon SES). Invoke an AWS Lambda function to restart the web server software.
G. Create an Amazon EventBridge rule that responds to the alar
H. Configure the rule to invoke an AWS Systems Manager Automation runbook to restart the web server software.
I. Create an Amazon Simple Notification Service (Amazon SNS) notification that responds to the alar
J. Configure the notification to invoke an AWS Systems Manager Automation runbook to restart the web server software.

Answer: ACE

NEW QUESTION 185
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 186
A company hosts a web application on an Amazon EC2 instance. The web server logs are published to Amazon CloudWatch Logs. The log events have the same structure and include the HTTP response codes associated with user requests. The company needs to monitor the number of times the web server returns an HTTP 404 response.
What is the MOST operationally efficient solution that meets these requirements?

A. Create a CloudWatch Logs metric filter that counts the number of times the web server returns an HTTP 404 response.
B. Create a CloudWatch Logs subscription filter that counts the number of HTTP 404 responses.
C. Create an AWS Lambda function that runs a CloudWatch Logs Insights query every hour.
D. Create a script that runs a CloudWatch Logs Insights query every hour.

Answer: A

NEW QUESTION 188
A CloudOps engineer is preparing to deploy an application to Amazon EC2 instances that are in an Auto Scaling group. The application requires dependencies to be installed. Application updates are issued weekly.
The CloudOps engineer needs to implement a solution to incorporate the application updates on a regular basis. The solution also must conduct a vulnerability scan during Amazon Machine Image (AMI) creation.
What is the MOST operationally efficient solution that meets these requirements?

A. Create a script that uses Packer and schedule a cron job.
B. Install the application and dependencies on an EC2 instance and create an AMI.
C. Use EC2 Image Builder with a custom recipe to install the application and dependencies.

D. Invoke the EC2 CreateImage API operation by using an EventBridge scheduled rule.

Answer: C

NEW QUESTION 189
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 193
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