SOA-C03 Dumps

AWS Certified CloudOps Engineer - Associate

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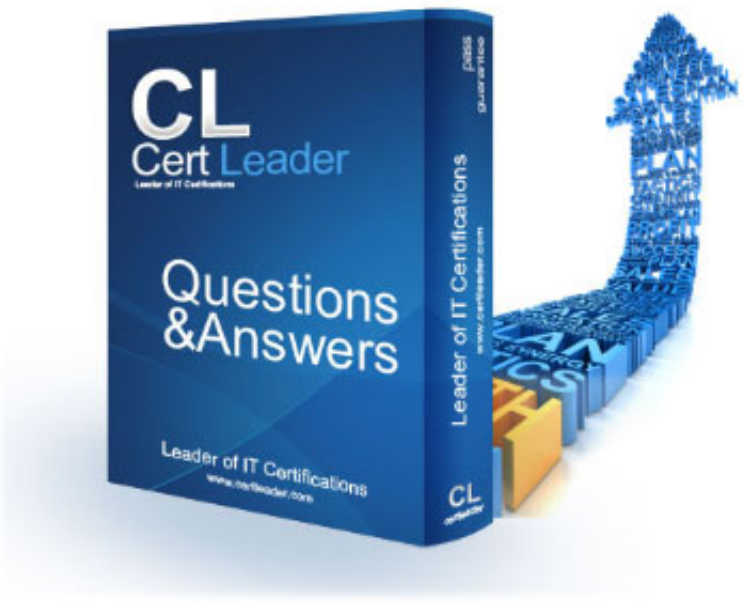

NEW QUESTION 1
A company uses memory-optimized Amazon EC2 instances behind a Network Load Balancer (NLB) to run an application. The company launched the EC2 instances from an AWS-provided Red Hat Enterprise Linux (RHEL) AMI.
A CloudOps engineer must monitor RAM utilization in 5-minute intervals. The 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 2
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 3
A company runs an application on Amazon EC2 instances in an Auto Scaling group. Scale- out actions take a long time because of long-running boot scripts. The CloudOps engineer must reduce scale-out time without overprovisioning.
Which solution will meet these requirements?

A. Change the launch configuration to use a larger instance size.
B. Increase the minimum number of instances in the Auto Scaling group.
C. Add a predictive scaling policy to the Auto Scaling group.
D. Add a warm pool to the Auto Scaling group.

Answer: D

NEW QUESTION 4
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 5
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 6
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 7
A company manages a set of AWS accounts by using AWS Organizations. The company??s security team wants to use a native AWS service to regularly scan all AWS accounts against the Center for Internet Security (CIS) AWS Foundations Benchmark.
What is the MOST operationally efficient way to meet these requirements?

A. Designate a central security account as the AWS Security Hub administrator accoun
B. Use scripts to invite and accept member accounts.
C. Run the CIS AWS Foundations Benchmark by using Amazon Inspector.
D. Designate a central security account as the Amazon GuardDuty administrator account and configure CIS scans.
E. Designate an AWS Security Hub administrator account, automatically enroll new organization accounts, and enable CIS AWS Foundations Benchmark.

Answer: D

NEW QUESTION 8
A company hosts an encrypted Amazon S3 bucket in the ap-southeast-2 Region. Users from the eu-west-2 Region access the S3 bucket through the internet. The users from eu- west-2 need faster transfers to and from the S3 bucket for large files.
Which solution will meet these requirements?

A. Create an S3 access point in eu-west-2 to use as the destination for S3 replication from ap-southeast-2. Ensure all users switch to the new S3 access point.
B. Create an Amazon Route 53 hosted zone with a geolocation routing polic
C. Choose the Alias to S3 website endpoint optio
D. Specify the S3 bucket that is in ap-southeast-2 as the source bucket.
E. Create a new S3 bucket in eu-west-2. Copy all contents from ap-southeast-2 to the new bucket in eu-west-2. Create an S3 access point, and associate it with both bucket
F. Ensure users use the new S3 access point.
G. Configure and activate S3 Transfer Acceleration on the S3 bucke
H. Use the new S3 acceleration endpoint's domain name for access.

Answer: D

NEW QUESTION 9
A company needs to log and audit any principal that publishes messages to Amazon Simple Notification Service (Amazon SNS) topics and Amazon Simple Queue Service (Amazon SQS) queues. The company wants to ensure that all communication with these services uses VPC endpoints.
Which combination of solutions will meet these requirements? (Select TWO.)

A. Use Amazon CloudWatch Logs to collect message content from Amazon SNS and Amazon SQ
B. Deliver logs to an Amazon S3 bucket for querying.
C. Set up AWS CloudTrai
D. Enable tracking of data events for Amazon SNS and Amazon SQ
E. Deliver logs to an Amazon S3 bucket for querying.
F. Create Amazon EventBridge rules to gather Amazon SNS and Amazon SQS event
G. Store the events in an Amazon S3 bucket.
H. Configure VPC endpoints for Amazon SNS and Amazon SQ
I. Inspect the vpcEndpointId field in the AWS CloudTrail logs.
J. Configure VPC endpoints for Amazon SNS and Amazon SQ
K. Inspect the vpcEndpoint field in the Amazon CloudWatch logs.

Answer: BD

NEW QUESTION 10
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 10
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 11
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 12
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 13
A CloudOps engineer is troubleshooting an AWS CloudFormation stack creation that failed. Before the CloudOps engineer can identify the problem, the stack and its resources are deleted. For future deployments, the CloudOps engineer must preserve any resources that CloudFormation successfully created.
What should the CloudOps engineer do to meet this requirement?

A. Set the value of the DisableRollback parameter to False during stack creation.
B. Set the value of the OnFailure parameter to DO_NOTHING during stack creation.
C. Specify a rollback configuration that has a rollback trigger of DO_NOTHING during stack creation.
D. Set the value of the OnFailure parameter to ROLLBACK during stack creation.

Answer: B

NEW QUESTION 16
A CloudOps engineer is using AWS Compute Optimizer to generate recommendations for a fleet of Amazon EC2 instances. Some of the instances use newly released instance types, while other instances use older instance types.
After the analysis is complete, the CloudOps engineer notices that some of the EC2 instances are missing from the Compute Optimizer dashboard.
What is the likely cause of this issue?

A. The missing instances have insufficient historical Amazon CloudWatch metric data for analysis.
B. Compute Optimizer does not support the instance types of the missing instances.
C. Compute Optimizer already considers the missing instances to be optimized.
D. The missing instances are running a Windows operating system.

Answer: B

NEW QUESTION 18
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 20
A CloudOps engineer creates an AWS CloudFormation template to define an application stack that can be deployed in multiple AWS Regions. The CloudOps engineer also creates an Amazon CloudWatch dashboard by using the AWS Management Console. Each deployment of the application requires its own CloudWatch dashboard.
How can the CloudOps engineer automate the creation of the CloudWatch dashboard each time the application is deployed?

A. Create a script by using the AWS CLI to run the aws cloudformation put-dashboard command with the name of the dashboar
B. Run the command each time a new CloudFormation stack is created.
C. Export the existing CloudWatch dashboard as JSO
D. Update the CloudFormation template to define an AWS::CloudWatch::Dashboard resourc
E. Include the exported JSON in the resource's DashboardBody property.
F. Update the CloudFormation template to define an AWS::CloudWatch::Dashboard resourc
G. Use the intrinsic Ref function to reference the ID of the existing CloudWatch dashboard.
H. Update the CloudFormation template to define an AWS::CloudWatch::Dashboard resourc
I. Specify the name of the existing dashboard in the DashboardName property.

Answer: B

NEW QUESTION 21
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 24
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 28
A company runs an application on Amazon EC2 instances behind an Elastic Load Balancer (ELB) in an Auto Scaling group. The application performs well except during a 2-hour period of daily peak traffic, when performance slows.
A CloudOps engineer must resolve this issue with minimal operational effort. What should the engineer do?

A. Adjust the minimum capacity of the Auto Scaling group to the size required to meet the increased demand during the 2-hour period.
B. Adjust the launch template that is associated with the Auto Scaling group to be more sensitive to increases in user traffic.
C. Create a scheduled scaling action to scale out the number of EC2 instances shortly before the increase in user traffic occurs.
D. Manually add a few more EC2 instances to the Auto Scaling group to support the increase in user traffi
E. Enable instance scale-in protection on the Auto Scaling group.

Answer: C

NEW QUESTION 33
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 34
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 36
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 39
To comply with regulations, a SysOps administrator needs to back up an Amazon EC2 Amazon Machine Image (AMI) to an Amazon S3 bucket. If the SysOps administrator restores the AMI from the bucket in the future, the AMI must use the same AMI image ID as the original AMI.
Which solution will meet this requirement?

A. Create a copy of the AM
B. Specify the destination S3 bucke
C. Set the launch permissionsto implicit.
D. Archive the snapshot that is associated with the AM
E. Specify the S3 bucket as the archive destination.
F. Create a store image tas
G. Specify the image ID and the destination S3 bucket.
H. Use the AWS CLI copy-image comman
I. Specify the image ID and the destination S3 bucket.

Answer: C

NEW QUESTION 40
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 44
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 49
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 51
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 54
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 55
A CloudOps engineer has an AWS CloudFormation template of the company??s existing infrastructure in us-west-2. The CloudOps engineer attempts to use the template to launch a new stack in eu-west-1, but the stack partially deploys, receives an error message, and then rolls back.
Why would this template fail to deploy? (Select TWO.)

A. The template referenced an IAM user that is not available in eu-west-1.
B. The template referenced an Amazon Machine Image (AMI) that is not available in eu- west-1.
C. The template did not have the proper level of permissions to deploy the resources.
D. The template requested services that do not exist in eu-west-1.
E. CloudFormation templates can be used only to update existing services.

Answer: BD

NEW QUESTION 60
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 62
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 63
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 65
A company uses a large number of Linux-based Amazon EC2 instances to run business operations. The company uses AWS Systems Manager to manage the EC2 instances. The company wants to ensure that the Systems Manager Agent (SSM Agent) is always up to date with the latest version.
Which solution will meet this requirement in the MOST operationally efficient way?

A. Enable the Auto update SSM Agent setting in Systems Manager Fleet Manager.
B. Subscribe to SSM Agent GitHub notifications and use Lambda to update agents.
C. Enable the Auto update SSM Agent setting in Systems Manager Patch Manager.
D. Use GitHub notifications and a Systems Manager Automation document.

Answer: A

NEW QUESTION 69
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 70
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 72
A company that uses AWS Organizations recently implemented AWS Control Tower. The company now needs to centralize identity management. A CloudOps engineer must federate AWS IAM Identity Center with an external SAML 2.0 identity provider (IdP) to centrally manage access to all AWS accounts and cloud applications.
Which prerequisites must the CloudOps engineer have so that the CloudOps engineer can connect to the external IdP? (Select TWO.)

A. A copy of the IAM Identity Center SAML metadata
B. The IdP metadata, including the public X.509 certificate
C. The IP address of the IdP
D. Root access to the management account
E. Administrative permissions to the member accounts of the organization

Answer: AB

NEW QUESTION 77
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 79
A SysOps administrator needs to give an existing AWS Lambda function access to an existing Amazon S3 bucket. Traffic between the Lambda function and the S3 bucket must not use public IP addresses. The Lambda function has been configured to run in a VPC.
Which solution will meet these requirements?

A. Configure VPC sharing between the Lambda VPC and the S3 bucket.
B. Attach a transit gateway to the Lambda VPC to allow the Lambda function to connect to the S3 bucket.
C. Create a NAT gatewa
D. Associate the NAT gateway with the subnet where the Lambda function is configured to run.
E. Create an S3 interface endpoin
F. Change the Lambda function to use the new S3 DNS name.

Answer: D

NEW QUESTION 82
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 85
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 86
A company is using an Amazon Aurora MySQL DB cluster that has point-in-time recovery, backtracking, and automatic backup enabled. A CloudOps engineer needs 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 89
A company is storing backups in an Amazon S3 bucket. These backups must not be deleted for at least 3 months after creation.
What should the CloudOps engineer do?

A. Configure an IAM policy that denies the s3:DeleteObject action for all user
B. Three months after an object is written, remove the policy.
C. Enable S3 Object Lock on a new S3 bucket in compliance mod
D. Place all backups in the new S3 bucket with a retention period of 3 months.
E. Enable S3 Versioning on the existing S3 bucke
F. Configure S3 Lifecycle rules to protect the backups.
G. Enable S3 Object Lock on a new S3 bucket in governance mod
H. Place all backups in the new S3 bucket with a retention period of 3 months.

Answer: B

NEW QUESTION 94
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 96
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 100
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