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Amazon DOP-C02 exam dumps are important because they show you where you stand. After learning everything related to the AWS Certified DevOps Engineer - Professional (DOP-C02) certification, it is the right time to take a self-test and check whether you can clear the DOP-C02 certification exam or not. People who score well on the DOP-C02 Practice Questions are ready to give the final AWS Certified DevOps Engineer - Professional (DOP-C02) exam. On the other hand, those who do not score well can again try reading all the DOP-C02 dumps questions and then give the DOP-C02 exam.

Amazon DOP-C02 (AWS Certified DevOps Engineer - Professional) certification exam is designed for individuals who possess a deep understanding of various DevOps practices and how to implement them on the AWS platform. AWS Certified DevOps Engineer - Professional certification validates the ability of an individual to design, deploy, operate, and manage highly available, scalable, and fault-tolerant systems on AWS.

Achieving the AWS Certified DevOps Engineer - Professional certification can open up many career opportunities for IT professionals. AWS Certified DevOps Engineer - Professional certification validates a candidate's expertise in designing, deploying, and operating scalable and highly available systems on AWS, which is a highly sought-after skillset in today's technology landscape. Additionally, this certification demonstrates a candidate's commitment to their professional development and their ability to adapt to new technologies and practices in the rapidly-evolving field of DevOps.

The DOP-C02 Exam is an advanced level certification exam that requires a deep understanding of AWS services and DevOps practices. DOP-C02 exam covers a wide range of topics, including deployment strategies, continuous delivery, automation, monitoring, security, and compliance. To pass the exam, candidates must demonstrate their ability to design, implement, and manage DevOps solutions on AWS.

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Amazon DOP-C02 Exam Dumps Fastest Way Of Preparation 2026

Candidates who become Amazon DOP-C02 certified demonstrate their worth in the Amazon field. DOP-C02 certification is proof

of their competence and skills. This is a highly sought after credential and it makes career advancement easier for the candidate. To become Amazon DOP-C02 Certified, you must pass the AWS Certified DevOps Engineer - Professional (DOP-C02) Exam. For this task, you need actual and updated DOP-C02 Questions.

Amazon AWS Certified DevOps Engineer - Professional Sample Questions (Q38-Q43):

NEW QUESTION # 38

A company recently migrated its legacy application from on-premises to AWS. The application is hosted on Amazon EC2 instances behind an Application Load Balancer which is behind Amazon API Gateway. The company wants to ensure users experience minimal disruptions during any deployment of a new version of the application. The company also wants to ensure it can quickly roll back updates if there is an issue.

Which solution will meet these requirements with MINIMAL changes to the application?

- A. Introduce changes as a separate target group behind the existing Application Load Balancer Configure API Gateway to route all traffic to the Application Load Balancer which then sends the traffic to the new target group.
- B. Introduce changes as a separate environment parallel to the existing one Update the application's DNS alias records to point to the new environment.
- C. Introduce changes as a separate environment parallel to the existing one Configure API Gateway to use a canary release deployment to send a small subset of user traffic to the new environment.
- D. Introduce changes as a separate target group behind the existing Application Load Balancer Configure API Gateway to route user traffic to the new target group in steps.

Answer: C

Explanation:

Explanation

API Gateway supports canary deployment on a deployment stage before you direct all traffic to that stage. A parallel environment means we will create a new ALB and a target group that will target a new set of EC2 instances on which the newer version of the app will be deployed. So the canary setting associated to the new version of the API will connect with the new ALB instance which in turn will direct the traffic to the new EC2 instances on which the newer version of the application is deployed.

NEW QUESTION # 39

A company's DevOps engineer uses AWS Systems Manager to perform maintenance tasks during maintenance windows. The company has a few Amazon EC2 instances that require a restart after notifications from AWS Health. The DevOps engineer needs to implement an automated solution to remediate these notifications. The DevOps engineer creates an Amazon EventBridge rule. How should the DevOps engineer configure the EventBridge rule to meet these requirements?

- A. Configure an event source of EC2 and an event type that indicates instance maintenance. Target a newly created AWS Lambda function that registers an automation task to restart the EC2 instance during a maintenance window.
- B. Configure an event source of AWS Health, a service of EC2, and an event type that indicates instance maintenance. Target a Systems Manager document to restart the EC2 instance.
- C. Configure an event source of Systems Manager and an event type that indicates a maintenance window. Target a Systems Manager document to restart the EC2 instance.
- D. Configure an event source of AWS Health, a service of EC2, and an event type that indicates instance maintenance. Target a newly created AWS Lambda function that registers an automation task to restart the EC2 instance during a maintenance window.

Answer: D

Explanation:

AWS Health provides real-time events and information related to your AWS infrastructure. It can be integrated with Amazon EventBridge to act upon the health events automatically. If the maintenance notification from AWS Health indicates that an EC2 instance requires a restart, you can set up an EventBridge rule to respond to such events. In this case, the target of this rule would be a Lambda function that would trigger a Systems Manager automation to restart the EC2 instance during a maintenance window. Remember, AWS Health is the source of the events (not EC2 or Systems Manager), and AWS Lambda can be used to execute complex remediation tasks, such as scheduling maintenance tasks via Systems Manager.

The following are the steps involved in configuring the EventBridge rule to meet these requirements:

Configure an event source of AWS Health, a service of EC2, and an event type that indicates instance maintenance.

Target a newly created AWS Lambda function that registers an automation task to restart the EC2 instance during a maintenance

window.

The AWS Lambda function will be triggered by the event from AWS Health. The function will then register an automation task to restart the EC2 instance during the next maintenance window.

NEW QUESTION # 40

A DevOps engineer is implementing governance controls for a company that requires its infrastructure to be housed within the United States. The engineer must restrict which AWS Regions can be used, and ensure an alert is sent as soon as possible if any activity outside the governance policy takes place. The controls should be automatically enabled on any new Region outside the United States (US).

Which combination of actions will meet these requirements? (Select TWO.)

- A. Write an SCP using the `aws:RequestedRegion` condition key limiting access to US Regions. Apply the policy to all users, groups, and roles
- B. Use an AWS Lambda function that checks for AWS service activity and deploy it to all Regions. Write an Amazon EventBridge rule that runs the Lambda function every hour, sending an alert if activity is found in a non-US Region.
- C. Configure AWS CloudTrail to send logs to Amazon CloudWatch Logs and enable it for all Regions. Use a CloudWatch Logs metric filter to send an alert on any service activity in non-US Regions.
- D. Create an AWS Organizations SCP that denies access to all non-global services in non-US Regions. Attach the policy to the root of the organization.
- E. Use an AWS Lambda function to query Amazon Inspector to look for service activity in non-US Regions and send alerts if any activity is found.

Answer: C,D

Explanation:

To implement governance controls that restrict AWS service usage to within the United States and ensure alerts for any activity outside the governance policy, the following actions will meet the requirements:

A) Create an AWS Organizations SCP that denies access to all non-global services in non-US Regions. Attach the policy to the root of the organization. This action will effectively prevent users and roles in all accounts within the organization from accessing services in non-US Regions¹².

B) Configure AWS CloudTrail to send logs to Amazon CloudWatch Logs and enable it for all Regions. Use a CloudWatch Logs metric filter to send an alert on any service activity in non-US Regions. This action will allow monitoring of all AWS Regions and will trigger alerts if any activity is detected in non-US Regions, ensuring that the governance team is notified as soon as possible³.

Reference:

AWS Documentation on Service Control Policies (SCPs) and how they can be used to manage permissions and restrict access based on Regions¹².

AWS Documentation on monitoring CloudTrail log files with Amazon CloudWatch Logs to set up alerts for specific activities³.

NEW QUESTION # 41

A company runs an application on Amazon EKS. The company needs comprehensive logging for control plane and nodes, analyze API requests, and monitor container performance with minimal operational overhead.

Which solution meets these requirements?

- A. Use AWS Distro for OpenTelemetry; stream logs to Firehose; analyze data in Redshift.
- B. Enable API server control plane logging and send to S3; deploy Kubernetes Event Exporter on nodes; send logs to S3; use Athena and QuickSight for analysis.
- C. Enable CloudTrail for control plane logging; deploy Logstash as a ReplicaSet on nodes; use OpenSearch to store and analyze logs.
- D. Enable control plane logging for EKS and send logs to CloudWatch; use CloudWatch Container Insights for node and container logs; use CloudWatch Logs Insights to query logs.

Answer: D

Explanation:

* EKS supports control plane logging sent directly to CloudWatch Logs.

* CloudWatch Container Insights provides metrics and logs collection for nodes and containers automatically with minimal setup.

* CloudWatch Logs Insights offers powerful querying and visualization integrated in AWS without managing additional infrastructure.

* Options A and C require deploying and managing additional components (Logstash, Event Exporter, S3, Athena).

* Option D adds complexity with OpenTelemetry and Redshift, which is more operationally heavy.

References:

Amazon EKS Control Plane Logging
CloudWatch Container Insights for EKS

NEW QUESTION # 42

A company is launching an application. The application must use only approved AWS services. The account that runs the application was created less than 1 year ago and is assigned to an AWS Organizations OU.

The company needs to create a new Organizations account structure. The account structure must have an appropriate SCP that supports the use of only services that are currently active in the AWS account.

The company will use AWS Identity and Access Management (IAM) Access Analyzer in the solution.

Which solution will meet these requirements?

- A. Create an SCP that allows the services that IAM Access Analyzer identifies. Create an OU for the account. Move the account into the new OU. Attach the new SCP to the management account. Detach the default FullAWSAccess SCP from the new OU.
- B. Create an SCP that denies the services that IAM Access Analyzer identifies. Create an OU for the account. Move the account into the new OU. Attach the new SCP to the new OU.
- **C. Create an SCP that allows the services that IAM Access Analyzer identifies. Create an OU for the account. Move the account into the new OU. Attach the new SCP to the new OU. Detach the default FullAWSAccess SCP from the new OU.**
- D. Create an SCP that allows the services that IAM Access Analyzer identifies. Attach the new SCP to the organization's root.

Answer: C

Explanation:

To meet the requirements of creating a new Organizations account structure with an appropriate SCP that supports the use of only services that are currently active in the AWS account, the company should use the following solution:

Create an SCP that allows the services that IAM Access Analyzer identifies. IAM Access Analyzer is a service that helps identify potential resource-access risks by analyzing resource-based policies in the AWS environment. IAM Access Analyzer can also generate IAM policies based on access activity in the AWS CloudTrail logs. By using IAM Access Analyzer, the company can create an SCP that grants only the permissions that are required for the application to run, and denies all other services. This way, the company can enforce the use of only approved AWS services and reduce the risk of unauthorized access¹² Create an OU for the account. Move the account into the new OU. An OU is a container for accounts within an organization that enables you to group accounts that have similar business or security requirements. By creating an OU for the account, the company can apply policies and manage settings for the account as a group. The company should move the account into the new OU to make it subject to the policies attached to the OU³ Attach the new SCP to the new OU. Detach the default FullAWSAccess SCP from the new OU. An SCP is a type of policy that specifies the maximum permissions for an organization or organizational unit (OU). By attaching the new SCP to the new OU, the company can restrict the services that are available to all accounts in that OU, including the account that runs the application. The company should also detach the default FullAWSAccess SCP from the new OU, because this policy allows all actions on all AWS services and might override or conflict with the new SCP⁴⁵ The other options are not correct because they do not meet the requirements or follow best practices. Creating an SCP that denies the services that IAM Access Analyzer identifies is not a good option because it might not cover all possible services that are not approved or required for the application. A deny policy is also more difficult to maintain and update than an allow policy. Creating an SCP that allows the services that IAM Access Analyzer identifies and attaching it to the organization's root is not a good option because it might affect other accounts and OUs in the organization that have different service requirements or approvals. Creating an SCP that allows the services that IAM Access Analyzer identifies and attaching it to the management account is not a valid option because SCPs cannot be attached directly to accounts, only to OUs or roots.

References:

- 1: Using AWS Identity and Access Management Access Analyzer - AWS Identity and Access Management
- 2: Generate a policy based on access activity - AWS Identity and Access Management
- 3: Organizing your accounts into OUs - AWS Organizations
- 4: Service control policies - AWS Organizations
- 5: How SCPs work - AWS Organizations

NEW QUESTION # 43

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