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The Amazon DOP-C02 Exam covers a variety of topics and skills related to DevOps, including continuous integration and delivery (CI/CD), monitoring and logging, infrastructure as code, security, and automation. It is intended for individuals who have experience working with AWS services and tools and have a solid understanding of DevOps principles and practices.

To earn the certification, candidates must demonstrate their ability to design and manage continuous delivery systems and methodologies on AWS, implement and automate security controls, deploy and operate highly available, scalable, and fault-tolerant systems, and monitor and log systems to ensure operational availability and performance.

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2026 Amazon Authoritative DOP-C02: Valid AWS Certified DevOps Engineer - Professional Test Practice

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Amazon AWS Certified DevOps Engineer - Professional Sample Questions

(Q352-Q357):

NEW QUESTION # 352

A development team uses AWS CodeCommit, AWS CodePipeline, and AWS CodeBuild to develop and deploy an application. Changes to the code are submitted by pull requests. The development team reviews and merges the pull requests, and then the pipeline builds and tests the application.

Over time, the number of pull requests has increased. The pipeline is frequently blocked because of failing tests. To prevent this blockage, the development team wants to run the unit and integration tests on each pull request before it is merged.

Which solution will meet these requirements?

- A. Create a CodeBuild project to run the unit and integration tests. Create a CodeCommit notification rule that matches when a pull request is created or updated. Configure the notification rule to invoke the CodeBuild project.
- B. Create an Amazon EventBridge rule to match pullRequestCreated events from CodeCommit. Modify the existing CodePipeline pipeline to not run the deploy steps if the build is started from a pull request. Configure the EventBridge rule to run the pipeline with a custom payload that contains the CodeCommit repository and branch information from the event.
- C. Create a CodeBuild project to run the unit and integration tests. Create a CodeCommit approval rule template. Configure the template to require the successful invocation of the CodeBuild project. Attach the approval rule to the project's CodeCommit repository.
- **D. Create an Amazon EventBridge rule to match pullRequestCreated events from CodeCommit. Create a CodeBuild project to run the unit and integration tests. Configure the CodeBuild project as a target of the EventBridge rule that includes a custom event payload with the CodeCommit repository and branch information from the event.**

Answer: D

Explanation:

CodeCommit generates events in CloudWatch, CloudWatch triggers the CodeBuild

<https://aws.amazon.com/es/blogs/devops/complete-ci-cd-with-aws-codecommit-aws-codebuild-aws-codedeploy-and-aws-codepipeline/>

NEW QUESTION # 353

A company deploys an application to Amazon EC2 instances. The application runs Amazon Linux 2 and uses AWS CodeDeploy. The application has the following file structure for its code repository:

□ The appspec.yml file has the following contents in the files section:

□ What will the result be for the deployment of the config.txt file?

- A. The config.txt file will be deployed to /usr/local/src/config.txt and to /var/www/html/application/web/config.txt
- B. The config.txt file will be deployed to /usr/local/src/config.txt and to /var/www/html/config/config.txt.
- C. The config.txt file will be deployed to only /var/www/html/config/config.txt
- **D. The config.txt file will be deployed to only /usr/local/src/config.txt**

Answer: D

Explanation:

Deployment of config.txt file based on the appspec.yml:

The appspec.yml file specifies that config/config.txt should be copied to /usr/local/src/config.txt.

The source: / directive in the appspec.yml indicates that the entire directory structure starting from the root of the application source should be copied to the specified destination, which is /var/www/html.

Result of the Deployment:

The config.txt file will be specifically deployed to /usr/local/src/config.txt as per the explicit file mapping.

The entire directory structure including application/web will be copied to /var/www/html, but this does not include config/config.txt since it has a specific destination defined.

Thus, the config.txt file will be deployed only to /usr/local/src/config.txt.

Therefore, the correct answer is:

C). The config.txt file will be deployed to only /usr/local/src/config.txt.

References:

AWS CodeDeploy AppSpec File Reference

AWS CodeDeploy Deployment Process

NEW QUESTION # 354

A company is using AWS CodePipeline to automate its release pipeline. AWS CodeDeploy is being used in the pipeline to deploy an application to Amazon Elastic Container Service (Amazon ECS) using the blue/green deployment model. The company wants to implement scripts to test the green version of the application before shifting traffic. These scripts will complete in 5 minutes or less. If errors are discovered during these tests, the application must be rolled back.

Which strategy will meet these requirements?

- A. Add a stage to the CodePipeline pipeline between the source and deploy stages. Use this stage to invoke an AWS Lambda function that will run the test scripts. If errors are found, use the aws deploy stop-deployment command to stop the deployment.
- B. Add a hooks section to the CodeDeploy AppSpec file. Use the AfterAllowTraffic lifecycle event to invoke the test scripts. If errors are found, use the aws deploy stop-deployment CLI command to stop the deployment.
- **C. Add a hooks section to the CodeDeploy AppSpec file. Use the AfterAllowTestTraffic lifecycle event to invoke an AWS Lambda function to run the test scripts. If errors are found, exit the Lambda function with an error to initiate rollback.**
- D. Add a stage to the CodePipeline pipeline between the source and deploy stages. Use AWS CodeBuild to create a runtime environment and build commands in the buildspec file to invoke test scripts. If errors are found, use the aws deploy stop-deployment command to stop the deployment.

Answer: C

Explanation:

<https://docs.aws.amazon.com/codedeploy/latest/userguide/reference-appspec-file-structure-hooks.html>

NEW QUESTION # 355

A company has enabled all features for its organization in AWS Organizations. The organization contains 10 AWS accounts. The company has turned on AWS CloudTrail in all the accounts. The company expects the number of AWS accounts in the organization to increase to 500 during the next year. The company plans to use multiple OUs for these accounts.

The company has enabled AWS Config in each existing AWS account in the organization. A DevOps engineer must implement a solution that enables AWS Config automatically for all future AWS accounts that are created in the organization.

Which solution will meet this requirement?

- A. In the organization's management account, create an SCP that allows the appropriate AWS Config API calls to enable AWS Config. Apply the SCP to the root-level OU.
- **B. In the organization's management account, create an AWS CloudFormation stack set to enable AWS Config. Configure the stack set to deploy automatically when an account is created through Organizations.**
- C. In the organization's management account, create an Amazon EventBridge rule that reacts to a CreateAccount API call. Configure the rule to invoke an AWS Systems Manager Automation runbook to enable AWS Config for the account.
- D. In the organization's management account, create an Amazon EventBridge rule that reacts to a CreateAccount API call. Configure the rule to invoke an AWS Lambda function that enables trusted access to AWS Config for the organization.

Answer: B

Explanation:

Explanation

<https://aws.amazon.com/about-aws/whats-new/2020/02/aws-cloudformation-stacksets-introduces-automatic-depl>

NEW QUESTION # 356

A company uses Amazon S3 to store proprietary information. The development team creates buckets for new projects on a daily basis. The security team wants to ensure that all existing and future buckets have encryption logging and versioning enabled. Additionally, no buckets should ever be publicly read or write accessible.

What should a DevOps engineer do to meet these requirements?

- A. Enable AWS Systems Manager and configure automatic remediation using Systems Manager documents.
- B. Enable AWS CloudTrail and configure automatic remediation using AWS Lambda.
- C. Enable AWS Trusted Advisor and configure automatic remediation using Amazon EventBridge.
- **D. Enable AWS Config rules and configure automatic remediation using AWS Systems Manager documents.**

Answer: D

<https://aws.amazon.com/blogs/aws/aws-config-rules-dynamic-compliance-checking-for-cloud-resources/>

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