

DOP-C02 Prüfungs-Guide & DOP-C02 Prüfungsvorbereitung

DOP-C01 Valid until March 6, 2023		DOP-C02 NEW Available on March 7, 2023	
DOMAIN	% of Examination	DOMAIN	% of Examination
SDLC Automation	22%	SDLC Automation	22%
Configuration Management and Infrastructure as Code	19%	Configuration Management and Infrastructure as Code	17% ↓
Incident and Event Response	18%	Security and Compliance RENAMED	17% ↑
High Availability, Fault Tolerance, and Disaster Recovery	16%	Resilient Cloud Solutions RENAMED	15% ↓
Monitoring and Logging	15%	Monitoring and Logging	15%
Policies and Standards Automation	10%	Incident and Event Response	14% ↓

- There is no BETA exam for the DOP-C02 exam version

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Übrigens, Sie können die vollständige Version der Prüfung Frage DOP-C02 Prüfungsfragen aus dem Cloud-Speicher herunterladen: https://drive.google.com/open?id=1_WlofOlp4GE0_iZuS2NaBIrpi69vTxwr

Trotzdem sagen viele Menschen, dass das Ergebnis nicht wichtig und der Prozess am allerwichtigsten ist. Aber diese Darstellung passt nicht in der Amazon DOP-C02 Prüfung, denn die Zertifizierung der Amazon DOP-C02 können Ihnen im Arbeitsleben in der IT-Branche echte Vorteile mitbringen. Wenn Sie Entschluss haben, die Prüfung zu bestehen, dann sollten Sie unsere Amazon DOP-C02 Prüfungssoftware benutzen wegen ihrer anspruchsvollen Garantie. Wenn Sie noch zögern, können Sie zuerst unsere kostenlose Demo der Amazon DOP-C02 probieren. Dadurch werden Sie empfinden die Konfidenz fürs Bestehen, die wir Prüfung Frage Ihnen mitbringen!

Um die Amazon DOP-C02 Zertifizierungsprüfung zu bestehen, brauchen Sie viel Zeit und Energie. Dabei müssen Sie auch großes Risiko tragen. Wenn Sie Prüfung Frage wählen, können Sie mit wenigem Geld die Amazon DOP-C02 Prüfung einmal bestehen. Ich meine, dass Prüfung Frage heutzutage die beste Wahl für Sie ist, wo die Zeit sehr geschätzt wird. Außerdem ist Prüfung Frage eine der vielen Websites, die Ihnen einen bestmöglichen Garant bietet. Wenn Sie Prüfung Frage wählen, kommt der Erfolg auf Sie zu.

>> DOP-C02 Prüfungs-Guide <<

DOP-C02 Prüfungsvorbereitung, DOP-C02 Testengine

Es ist unnötig für Sie, zu viel Zeit eine Prüfung vorzubereiten. Kaufen Sie bitte Amazon DOP-C02 Dumps von Prüfung Frage. Mit diesen Dumps können Sie wissen, wie Amazon DOP-C02 Prüfung hocheffektiv vorzubereiten. Das ist ein seltenes Gerät, das Ihnen helfen, sehr einfach die Amazon DOP-C02 Prüfung zu bestehen. Sie werden bereuen, dass Sie diese Chance verlieren. So handeln Sie bitte schnell damit.

Die AWS Certified DevOps Engineer - Professional (DOP -C02) -Prüfung soll die Fähigkeiten und Kenntnisse validieren, die für die Arbeit mit AWS in einer DevOps Engineering -Rolle erforderlich sind. Diese Zertifizierungsprüfung richtet sich an Fachkräfte, die Erfahrung mit AWS -Diensten haben und für die Verwaltung und Bereitstellung von Anwendungen auf der AWS -Plattform verantwortlich sind. Die Prüfung ist eine umfassende Bewertung der Fähigkeit eines Kandidaten, skalierbare und hoch verfügbare Systeme auf AWS zu entwerfen, bereitzustellen und zu verwalten.

Amazon AWS Certified DevOps Engineer - Professional DOP-C02 Prüfungsfragen mit Lösungen (Q191-Q196):

191. Frage

A company has a mobile application that makes HTTP API calls to an Application Load Balancer (ALB). The ALB routes requests

to an AWS Lambda function. Many different versions of the application are in use at any given time, including versions that are in testing by a subset of users. The version of the application is defined in the user-agent header that is sent with all requests to the API. After a series of recent changes to the API, the company has observed issues with the application. The company needs to gather a metric for each API operation by response code for each version of the application that is in use. A DevOps engineer has modified the Lambda function to extract the API operation name, version information from the user-agent header and response code. Which additional set of actions should the DevOps engineer take to gather the required metrics?

- **A. Modify the Lambda function to write the API operation name, response code, and version number as a log line to an Amazon CloudWatch Logs log group. Configure a CloudWatch Logs metric filter that increments a metric for each API operation name. Specify response code and application version as dimensions for the metric.**
- B. Configure AWS X-Ray integration on the Lambda function. Modify the Lambda function to create an X-Ray subsegment with the API operation name, response code, and version number. Configure X-Ray insights to extract an aggregated metric for each API operation name and to publish the metric to Amazon CloudWatch. Specify response code and application version as dimensions for the metric.
- C. Configure the ALB access logs to write to an Amazon CloudWatch Logs log group. Modify the Lambda function to respond to the ALB with the API operation name, response code, and version number as response metadata. Configure a CloudWatch Logs metric filter that increments a metric for each API operation name. Specify response code and application version as dimensions for the metric.
- D. Modify the Lambda function to write the API operation name, response code, and version number as a log line to an Amazon CloudWatch Logs log group. Configure a CloudWatch Logs Insights query to populate CloudWatch metrics from the log lines. Specify response code and application version as dimensions for the metric.

Antwort: A

Begründung:

"Note that the metric filter is different from a log insights query, where the experience is interactive and provides immediate search results for the user to investigate. No automatic action can be invoked from an insights query. Metric filters, on the other hand, will generate metric data in the form of a time series. This lets you create alarms that integrate into your ITSM processes, execute AWS Lambda functions, or even create anomaly detection models." <https://aws.amazon.com/blogs/mt/quantify-custom-application-metrics-with-amazon-cloudwatch-logs-and-metric-filters/>

192. Frage

A DevOps administrator is configuring a repository to store a company's container images. The administrator needs to configure a lifecycle rule that automatically deletes container images that have a specific tag and that are older than 15 days. Which solution will meet these requirements with the MOST operational efficiency?

- A. Create a repository in AWS CodeArtifact. Add a repository policy to the CodeArtifact repository to expire old assets that have the matching tag after 15 days.
- B. Create a bucket in Amazon S3. Add a bucket lifecycle policy to expire old objects that have the matching tag after 15 days.
- **C. Create a repository in Amazon Elastic Container Registry (Amazon ECR). Add a lifecycle policy to the repository to expire images that have the matching tag after 15 days.**
- D. Create an EC2 Image Builder container recipe. Add a build component to expire the container that has the matching tag after 15 days.

Antwort: C

193. Frage

A DevOps engineer notices that all Amazon EC2 instances running behind an Application Load Balancer in an Auto Scaling group are failing to respond to user requests. The EC2 instances are also failing target group HTTP health checks. Upon inspection, the engineer notices the application process was not running in any EC2 instances. There are a significant number of out of memory messages in the system logs. The engineer needs to improve the resilience of the application to cope with a potential application memory leak. Monitoring and notifications should be enabled to alert when there is an issue. Which combination of actions will meet these requirements? (Select TWO.)

- A. Enable the available memory consumption metric within the Amazon CloudWatch dashboard for the entire Auto Scaling group. Create an alarm when the memory utilization is high. Associate an Amazon SNS topic to the alarm to receive notifications when the alarm goes off.
- **B. Use the Amazon CloudWatch agent to collect the memory utilization of the EC2 instances in the Auto Scaling group.**

Create an alarm when the memory utilization is high and associate an Amazon SNS topic to receive a notification.

- C. Change the target group health check HealthCheckIntervalSeconds parameter to reduce the interval between health checks.
- D. Change the target group health checks from HTTP to TCP to check if the port where the application is listening is reachable.
- E. Change the Auto Scaling configuration to replace the instances when they fail the load balancer's health checks.

Antwort: B,E

Begründung:

Explanation

<https://docs.aws.amazon.com/AmazonCloudWatch/latest/monitoring/metrics-collected-by-CloudWatch-agent.htm>

194. Frage

A DevOps engineer is setting up an Amazon Elastic Container Service (Amazon ECS) blue/green deployment for an application by using AWS CodeDeploy and AWS CloudFormation. During the deployment window, the application must be highly available and CodeDeploy must shift 10% of traffic to a new version of the application every minute until all traffic is shifted.

Which configuration should the DevOps engineer add in the CloudFormation template to meet these requirements?

- A. Add the AWS::CodeDeployBlueGreen transform and the AWS::CodeDeploy::BlueGreen hook parameter with the ECSCanary10Percent5Minutes deployment configuration.
- B. Add the AWS::CodeDeployBlueGreen transform and the AWS::CodeDeploy::BlueGreen hook parameter with the CodeDeployDefault.ECSLinear10PercentEvery1 Minutes deployment configuration.
- C. Add an AppSpec file with the CodeDeployDefault.ECSLinear10PercentEvery1Minutes deployment configuration.
- D. Add an AppSpec file with the ECSCanary10Percent5Minutes deployment configuration.

Antwort: B

Begründung:

Step 1: Using AWS CloudFormation with ECS Blue/Green Deployments

The requirement is to implement an ECS blue/green deployment where traffic is shifted gradually. AWS CodeDeploy supports such blue/green deployments with predefined configurations, like ECSLinear10PercentEvery1Minute, which shifts 10% of traffic every minute.

Action: Use the AWS::CodeDeployBlueGreen transform and the appropriate hooks in the CloudFormation template. The ECSLinear10PercentEvery1Minute deployment configuration meets the requirement of shifting 10% of traffic every minute.

Why: The transform and hook parameters in CloudFormation are essential for configuring the blue/green deployment with the desired traffic-shifting behavior.

Reference: AWS documentation on ECS Blue/Green deployments.

This corresponds to Option B: Add the AWS::CodeDeployBlueGreen transform and the AWS::CodeDeploy::

BlueGreen hook parameter with the CodeDeployDefault.ECSLinear10PercentEvery1Minutes deployment configuration.

195. Frage

A company deploys updates to its Amazon API Gateway API several times a week by using an AWS CodePipeline pipeline. As part of the update process the company exports the JavaScript SDK for the API from the API Gateway console and uploads the SDK to an Amazon S3 bucket. The company has configured an Amazon CloudFront distribution that uses the S3 bucket as an origin. Web client then download the SDK by using the CloudFront distribution's endpoint. A DevOps engineer needs to implement a solution to make the new SDK available automatically during new API deployments.

Which solution will meet these requirements?

- A. Create a CodePipeline action immediately after the deployment stage of the API. Configure the action to use the CodePipeline integration with API Gateway to export the SDK to Amazon S3. Create another action that uses the CodePipeline integration with Amazon S3 to invalidate the cache for the SDK path.
- B. Create an Amazon EventBridge rule that reacts to UpdateStage events from aws apigateway. Configure the rule to invoke an AWS Lambda function to download the SDK from API Gateway, upload the SDK to the S3 bucket, and call the CloudFront API to create an invalidation for the SDK path.
- C. Create an Amazon EventBridge rule that reacts to CreateDeployment events from aws apigateway. Configure the rule to invoke an AWS Lambda function to download the SDK from API Gateway, upload the SDK to the S3 bucket, and call the S3 API to invalidate the cache for the SDK path.

- D. Create a CodePipeline action immediately after the deployment stage of the API. Configure the action to invoke an AWS Lambda function. Configure the Lambda function to download the SDK from API Gateway, upload the SDK to the S3 bucket and create a CloudFront invalidation for the SDK path.

Antwort: D

Begründung:

This solution would allow the company to automate the process of updating the SDK and making it available to web clients. By adding a CodePipeline action immediately after the deployment stage of the API, the Lambda function will be invoked automatically each time the API is updated. The Lambda function should be able to download the new SDK from API Gateway, upload it to the S3 bucket and also create a CloudFront invalidation for the SDK path so that the latest version of the SDK is available for the web clients. This is the most straight forward solution and it will meet the requirements.

196. Frage

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