DVA-C02 Q&As

AWS Certified Developer - Associate

Pass Amazon DVA-C02 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.pass4itsure.com/dva-c02.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Amazon Official Exam Center

- **Instant Download** After Purchase
- **100% Money Back** Guarantee
- **365 Days** Free Update
- **800,000+** Satisfied Customers

QUESTION 1

An application uses an Amazon EC2 Auto Scaling group. A developer notices that EC2 instances are taking a long time to become available during scale-out events. The UserData script is taking a long time to run.

The developer must implement a solution to decrease the time that elapses before an EC2 instance becomes available. The solution must make the most recent version of the application available at all times and must apply all available security updates. The solution also must minimize the number of images that are created. The images must be validated. Which combination of steps should the developer take to meet these requirements? (Choose two.)

A. Use EC2 Image Builder to create an Amazon Machine Image (AMI). Install all the patches and agents that are needed to manage and run the application. Update the Auto Scaling group launch configuration to use the AMI.

B. Use EC2 Image Builder to create an Amazon Machine Image (AMI). Install the latest version of the application and all the patches and agents that are needed to manage and run the application. Update the Auto Scaling group launch configuration to use the AMI.

C. Set up AWS CodeDeploy to deploy the most recent version of the application at runtime.

D. Set up AWS CodePipeline to deploy the most recent version of the application at runtime.

E. Remove any commands that perform operating system patching from the UserData script.

Correct Answer: AE

QUESTION 2

A developer is writing unit tests for a new application that will be deployed on AWS. The developer wants to validate all pull requests with unit tests and merge the code with the main branch only when all tests pass.

The developer stores the code in AWS CodeCommit and sets up AWS CodeBuild to run the unit tests. The developer creates an AWS Lambda function to start the CodeBuild task. The developer needs to identify the CodeCommit events in

an Amazon EventBridge event that can invoke the Lambda function when a pull request is created or updated.

Which CodeCommit event will meet these requirements?

A.
```
{
    "source": ["aws.codecommit"],
    "detail": {
        "event": ["pullRequestMergeStatusUpdated"],
    }
}
```

B.
```
{
    "source": ["aws.codecommit"],
    "detail": {
        "event": ["pullRequestApprovalRuleCreated"]
    }
}
```

C.
```
{
    "source": ["aws.codecommit"],
    "detail": {
        "event": ["pullRequestSourceBranchUpdated", "pullRequestCreated"]
    }
}
```

D.
```
{
    "source": ["aws.codecommit"],
    "detail": {
        "event": ["pullRequestUpdated", "pullRequestSourceBranchCreated"]
    }
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 3

A company has hundreds of AWS Lambda functions that the company\\'s QA team needs to test by using the Lambda function URLs. A developer needs to configure the authentication of the Lambda functions to allow access so that the QA IAM group can invoke the Lambda functions by using the public URLs.

Which solution will meet these requirements?

A. Create a CLI script that loops on the Lambda functions to add a Lambda function URL with the AWS_IAM auth type. Run another script to create an IAM identity-based policy that allows the lambda:InvokeFunctionUrl action to all the Lambda function Amazon Resource Names (ARNs). Attach the policy to the QA IAM group.

B. Create a CLI script that loops on the Lambda functions to add a Lambda function URL with the NONE auth type. Run another script to create an IAM resource-based policy that allows the lambda:InvokeFunctionUrl action to all the Lambda function Amazon Resource Names (ARNs). Attach the policy to the QA IAM group.

C. Create a CLI script that loops on the Lambda functions to add a Lambda function URL with the AWS_IAM auth type. Run another script to loop on the Lambda functions to create an IAM identity-based policy that allows the lambda:InvokeFunctionUrl action from the QA IAM group\\'s Amazon Resource Name (ARN).

D. Create a CLI script that loops on the Lambda functions to add a Lambda function URL with the NONE auth type. Run another script to loop on the Lambda functions to create an IAM resource-based policy that allows the lambda:InvokeFunctionUrl action from the QA IAM group\\'s Amazon Resource Name (ARN).

Correct Answer: A

https://docs.aws.amazon.com/lambda/latest/dg/urls-auth.html

QUESTION 4

A company has a front-end application that runs on four Amazon EC2 instances behind an Elastic Load Balancer (ELB) in a production environment that is provisioned by AWS Elastic Beanstalk. A developer needs to deploy and test new application code while updating the Elastic Beanstalk platform from the current version to a newer version of Node.js. The solution must result in zero downtime for the application.

Which solution meets these requirements?

A. Clone the production environment to a different platform version. Deploy the new application code, and test it. Swap the environment URLs upon verification.

B. Deploy the new application code in an all-at-once deployment to the existing EC2 instances. Test the code. Redeploy the previous code if verification fails.

C. Perform an immutable update to deploy the new application code to new EC2 instances. Serve traffic to the new instances after they pass health checks.

D. Use a rolling deployment for the new application code. Apply the code to a subset of EC2 instances until the tests pass. Redeploy the previous code if the tests fail.

Correct Answer: C

QUESTION 5

A developer needs to manage AWS infrastructure as code and must be able to deploy multiple identical copies of the infrastructure, stage changes, and revert to previous versions.

Which approach addresses these requirements?

A. Use cost allocation reports and AWS OpsWorks to deploy and manage the infrastructure.

B. Use Amazon CloudWatch metrics and alerts along with resource tagging to deploy and manage the infrastructure.

C. Use AWS Elastic Beanstalk and AWS CodeCommit to deploy and manage the infrastructure.

D. Use AWS CloudFormation and AWS CodeCommit to deploy and manage the infrastructure.

Correct Answer: D