

Review Questions

1. Which of the following is an advantage of using CloudFormation?
 - A. It uses the popular Python programming language.
 - B. It prevents unauthorized manual changes to resources.
 - C. It lets you create multiple separate AWS environments using a single template.
 - D. It can create resources outside of AWS.
2. What formats do CloudFormation templates support? (Select TWO.)
 - A. XML
 - B. YAML
 - C. HTML
 - D. JSON
3. What's an advantage of using parameters in a CloudFormation template?
 - A. Allow customizing a stack without changing the template.
 - B. Prevent unauthorized users from using a template.
 - C. Prevent stack updates.
 - D. Allow multiple stacks to be created from the same template.
4. Why would you use CloudFormation to automatically create resources for a development environment instead of creating them using AWS CLI commands? (Select TWO.)
 - A. Resources CloudFormation creates are organized into stacks and can be managed as a single unit.
 - B. CloudFormation stack updates help ensure that changes to one resource won't break another.
 - C. Resources created by CloudFormation always work as expected.
 - D. CloudFormation can provision resources faster than the AWS CLI.
5. What are two features of CodeCommit? (Select TWO.)
 - A. Versioning
 - B. Automatic deployment
 - C. Differencing
 - D. Manual deployment
6. In the context of CodeCommit, what can differencing accomplish?
 - A. Allowing reverting to an older version of a file
 - B. Understanding what code change introduced a bug
 - C. Deleting duplicate lines of code
 - D. Seeing when an application was last deployed

7. What software development practice regularly tests new code for bugs but doesn't do anything else?
 - A. Differencing
 - B. Continuous deployment
 - C. Continuous delivery
 - D. Continuous integration
8. Which CodeBuild build environment compute types support Windows operating systems? (Select TWO.)
 - A. build.general2.large
 - B. build.general1.medium
 - C. build.general1.small
 - D. build.general1.large
 - E. build.windows1.small
9. What does a CodeBuild environment always contain? (Select TWO.)
 - A. An operating system
 - B. A Docker image
 - C. The Python programming language
 - D. .NET Core
 - E. The PHP programming language
10. Which of the following can CodeDeploy do? (Select THREE.)
 - A. Deploy an application to an on-premises Windows instance.
 - B. Deploy a Docker container to the Elastic Container Service.
 - C. Upgrade an application on an EC2 instance running Red Hat Enterprise Linux.
 - D. Deploy an application to an Android smartphone.
 - E. Deploy a website to an S3 bucket.
11. What is the minimum number of actions in a CodePipeline pipeline?
 - A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. 0
12. You want to predefine the configuration of EC2 instances that you plan to launch manually and using Auto Scaling. What resource must you use?
 - A. CloudFormation template
 - B. Instance role
 - C. Launch configuration
 - D. Launch template

13. What Auto Scaling group parameters set the limit for the number of instances that Auto Scaling creates? (Select TWO.)
 - A. Maximum
 - B. Group size
 - C. Desired capacity
 - D. Minimum
14. An Auto Scaling group has a desired capacity of 7 and a maximum size of 7. What will Auto Scaling do if someone manually terminates one of these instances?
 - A. It will not launch any new instances.
 - B. It will launch one new instance.
 - C. It will terminate one instance.
 - D. It will change the desired capacity to 6.
15. What Auto Scaling feature creates a scaling schedule based on past usage patterns?
 - A. Predictive scaling
 - B. Scheduled scaling
 - C. Dynamic scaling
 - D. Pattern scaling
16. What type of AWS Systems Manager document can run Bash or PowerShell scripts on an EC2 instance?
 - A. Run document
 - B. Command document
 - C. Automation document
 - D. Script document
17. What type of AWS Systems Manager document can take a snapshot of an EC2 instance?
 - A. Command document
 - B. Run document
 - C. Script document
 - D. Automation document
18. Which of the following OpsWorks services uses Chef recipes?
 - A. AWS OpsWorks for Puppet Enterprise
 - B. AWS OpsWorks Stacks
 - C. AWS OpsWorks Layers
 - D. AWS OpsWorks for Automation

- 19.** What configuration management platforms does OpsWorks support? (Select TWO.)
- A.** SaltStack
 - B.** Puppet Enterprise
 - C.** CFEngine
 - D.** Chef
 - E.** Ansible
- 20.** Which of the following OpsWorks Stacks layers contains at least one EC2 instance?
- A.** EC2 Auto Scaling layer
 - B.** Elastic Container Service (ECS) cluster layer
 - C.** OpsWorks layer
 - D.** Relational Database Service (RDS) layer
 - E.** Elastic Load Balancing (ELB) layer