

NAME : _____

CLASS : _____

DATE : _____

1. Which of the following AWS tools help your application scale up or down based on demand? (Choose two)

☐

AWS CloudFormation

☒

Amazon EC2 Auto Scaling

☒

Elastic Load Balancing

☐

Availability Zone

2. Which service would you use to send alerts based on Amazon CloudWatch alarms?

☐

AWS CloudTrail

☒

Amazon Simple Notification Service (Amazon SNS)

☐

AWS Trusted Advisor

☐

Amazon Route 53

3. Which of the following are characteristics of Amazon EC2 Auto Scaling? (Choose three)

☒

Enforces a minimum number of running Amazon EC2 instances

☒

Launches instances from a specified Amazon Machine Image (AMI)

☒

Responds to changing conditions by adding or terminating instances

☐

Only supports dynamic scaling

4. Which of the following must be configured on an Elastic Load Balancing load balancer to expect incoming traffic

☒

A listener

☐

A port

☐

An instance

☐

A network interface

5. Which of the following elements are used to create an Amazon EC2 Auto Scaling launch configuration? (Choose three.)

☒

Instance type

☒

Amazon Elastic Block Store (Amazon EBS) volumes

☐

Load balancer

☒

Amazon Machine Image (AMI)

6. Which of the following services can help you collect important metrics from Amazon Relational Database Service (Amazon RDS) and Amazon Elastic Compute Cloud (Amazon EC2) instances?

- | | |
|---|--|
| <input checked="" type="checkbox"/> Amazon CloudWatch | <input type="checkbox"/> AWS CloudTrail |
| <input type="checkbox"/> Amazon CloudSearch | <input type="checkbox"/> Amazon CloudFront |

7. Which of the following are elements of an Auto Scaling group? (Choose three)

- | | |
|--|--|
| <input type="checkbox"/> Health checks | <input checked="" type="checkbox"/> Maximum size |
| <input checked="" type="checkbox"/> Minimum size | <input checked="" type="checkbox"/> Desired capacity |

8. There is an audit at your company and they need to have a log of all access to AWS resources in the account. Which of the following services can assist in providing these details?

- | | |
|--|--|
| <input type="checkbox"/> Amazon Simple Notification Service (Amazon SNS) | <input type="checkbox"/> Amazon CloudWatch |
| <input type="checkbox"/> Amazon Elastic Compute Cloud (Amazon EC2) | <input checked="" type="checkbox"/> AWS CloudTrail |

9. In Elastic Load Balancing, when the load balancer detects an unhealthy target, which of the following are true? (Choose three.)

- | | |
|---|--|
| <input checked="" type="checkbox"/> Route traffic to a healthy target | <input checked="" type="checkbox"/> Stops routing traffic to that target |
| <input checked="" type="checkbox"/> Resume routing traffic when it detects that the target is healthy again | <input type="checkbox"/> Triggers an alarm |

10. What are the three types of load balancers that Elastic Load Balancing offers?

- | | |
|---|---|
| <input type="checkbox"/> Compute Load Balancer | <input checked="" type="checkbox"/> Network Load Balancer |
| <input checked="" type="checkbox"/> Classic Load Balancer | <input checked="" type="checkbox"/> Application Load Balancer |

11. What are some reasons to use automation to provision resources? (Select TWO.)

- | | |
|---|---|
| <input type="checkbox"/> Automation requirement for creating some resources | <input checked="" type="checkbox"/> Lack of version control with manual processes |
| <input checked="" type="checkbox"/> Alignment with reliability design principle | <input type="checkbox"/> Greater expense with manual processes |

12. What is AWS CloudFormation?

- | | |
|--|--|
| <input checked="" type="checkbox"/> An AWS service that you can use to create, model, and manage AWS resources | <input type="checkbox"/> A template that describes your infrastructure |
| <input type="checkbox"/> A package of all the Information that is needed to launch Amazon EC2 instance | <input type="checkbox"/> A description of best practices for designing an AWS implementation |

13. What is the AWS CloudFormation Designer?

- | | |
|--|--|
| <input type="checkbox"/> A source code repository for AWS CloudFormation templates | <input type="checkbox"/> A collection of reusable templates |
| <input type="checkbox"/> A tool for automating deployments | <input checked="" type="checkbox"/> A graphical design interface for creating AWS CloudFormation templates |

14. Which option is a good way to preview changes before implementing AWS CloudFormation Designer?

- | | |
|---|--|
| <input type="checkbox"/> Run Update Stack. | <input type="checkbox"/> Run Detect Drift. |
| <input type="checkbox"/> Visually inspect the template. | <input checked="" type="checkbox"/> Create a change set. |

15. You want to quickly set up a secure implementation of an Amazon FSx for Windows File Server that follows AWS best practices. Which solution should you use?

- | | |
|---|---|
| <input type="checkbox"/> An AWS CloudFormation template that you downloaded from the internet | <input type="checkbox"/> AWS CloudFormation Designer |
| <input checked="" type="checkbox"/> An AWS Quick Start | <input type="checkbox"/> an Amazon Machine Image (AMI) on AWS Marketplace |

16. A fleet of Amazon EC2 instances require application patches on a regular schedule. Which approach is the most efficient?

- | | |
|--|---|
| <input type="checkbox"/> Create a scheduled task on each instance to download patches. | <input checked="" type="checkbox"/> Create a maintenance window in AWS System Manager. |
| <input type="checkbox"/> Update the AWS CloudFormation stack. | <input type="checkbox"/> Use an Amazon CloudWatch alarm to regularly relaunch instances by using a patched AMI. |

17. What does AWS OpsWorks do? (Select THREE.)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Provides managed Puppet instances | <input type="checkbox"/> Automates containerised application deployment at scale |
| <input checked="" type="checkbox"/> Automates server configuration, deployment, and management | <input checked="" type="checkbox"/> Provides managed Chef instances |

18. What is AWS Elastic Beanstalk?

- | | |
|--|---|
| <input type="checkbox"/> An easy-to-use cloud platform that offers you everything that you need to build an application or website, and a cost-effective, monthly plan | <input type="checkbox"/> A set of tools and services that enable mobile and frontend web developers to build secure, scalable, full-stack applications that are powered by AWS |
| <input type="checkbox"/> A serverless compute engine for containers that works with both Amazon ECS and EKS | <input checked="" type="checkbox"/> An easy-to-use service for deploying and scaling web applications and services that are developed with common web development languages and platforms |

19. A company wants to deploy their simple website in AWS. It consists of HTML, server-side PHP code, and client-side JavaScript code. The website must be highly available to a global audience. What can you create that will provide the simplest method to bring the site online quickly?

- | | |
|--|--|
| <input type="checkbox"/> An AWS OpsWorks stack that deploys a highly available architecture in a VPC | <input type="checkbox"/> An AWS CloudFormation stack that deploys a highly available architecture in a VPC |
| <input type="checkbox"/> A load-balanced environment in AWS Elastic Beanstalk | <input checked="" type="checkbox"/> An Amazon S3 bucket with static web hosting |

20. Several On-Demand Instances in Amazon EC2 must launch at random times and run for limited durations. They must have application and package configurations that are determined at launch time. Which solution provides the most efficient way to automatically build these Instances?

- | | |
|--|---|
| <input checked="" type="checkbox"/> AWS OpsWorks | <input type="checkbox"/> AWS Elastic Beanstalk |
| <input type="checkbox"/> AWS CloudFormation | <input type="checkbox"/> Amazon Machine Image (AMI) |