

Module 10 Answer

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

☐ Availability Zones

☒ Amazon EC2 Auto Scaling

☐ AWS CloudFormation

☒ Elastic Load Balancing

☐ AWS Config

Correct

Amazon EC2 Auto Scaling and Elastic Load Balancing help your application scale up or down based on demand.

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2. Which service would you use to send alerts based on Amazon CloudWatch alarms? (Select the best answer.)

☒ Amazon Simple Notification Service (Amazon SNS)

☐ AWS CloudTrail

☐ AWS Trusted Advisor

☐ Amazon Route 53

Correct

Amazon SNS is the service you'd use to send alerts based on Amazon CloudWatch alarms.

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

- ☐ Only supports dynamic scaling
- ☒ Responds to changing conditions by adding or terminating instances
- ☐ Delivers push notifications
- ☒ Launches instances from a specified Amazon Machine Image (AMI)
- ☒ Enforces a minimum number of running Amazon EC2 instances

Correct

Amazon EC2 Auto Scaling responds to changing conditions by adding or terminating instances, launches instances from an AMI, and enforces a minimum number of running Amazon EC2 instances.

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4. Which of the following must be configured on an Elastic Load Balancing load balancer to expect incoming traffic? (Select the best answer.)

- ☐ A port
- ☐ A network interface
- ☒ A listener
- ☐ An instance

Correct

You configure the load balancer to accept incoming traffic by specifying one or more listeners.

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

- ☒ Amazon Machine Image (AMI)
- ☐ Load balancer
- ☒ Instance type
- ☐ Virtual private cloud (VPC) and subnets
- ☒ Amazon Elastic Block Store (Amazon EBS) volumes

Correct

You specify the AMI, instance type, and EBS volumes when you create an Auto Scaling launch configuration.

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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? (Select the best answer.)

- ☐ Amazon CloudFront
- ☐ Amazon CloudSearch
- ☐ Amazon CloudWatch
- ☒ AWS CloudTrail
- ☐ Amazon EC2 Auto Scaling

Incorrect

Amazon CloudWatch is a monitoring service for AWS cloud resources and the applications you run on AWS.

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

- ☒ Minimum size
- ☐ Health checks
- ☒ Desired capacity
- ☒ Maximum size

Correct

You can specify the minimum and maximum number of instances in each Auto Scaling group as well as desired capacity.

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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? (Select the best answer.)

- ☐ Amazon CloudWatch
- ☒ AWS CloudTrail
- ☐ Amazon Elastic Compute Cloud (Amazon EC2)
- ☐ Amazon Simple Notification Service (Amazon SNS)

Correct

AWS CloudTrail is a service that enables governance, compliance, operational auditing, and risk auditing of your AWS account.

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

- ☒ Stops routing traffic to that target
- ☐ Triggers an alarm
- ☒ Resumes routing traffic when it detects that the target is healthy again
- ☐ Resumes routing traffic when manually restarted
- ☒ Routes traffic to a healthy target

Correct

When the load balancer detects an unhealthy target, it stops routing traffic to that target and sends it to a healthy target. It then resumes routing traffic to that target when it detects that the target is healthy again.

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

- ☐ Internet Load Balancer
- ☒ Application Load Balancer
- ☒ Network Load Balancer
- ☐ Compute Load Balancer
- ☒ Classic Load Balancer
- ☐ Auto Scaling Load Balancer

Correct

ELB offers three types of load balancers: Application Load Balancer, Network Load Balancer, and Classic Load Balancer.

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