

Auto Scaling and Monitoring Knowledge Check

(Assessment)

- Due No due date
- Points 10
- Questions 10
- Time Limit None
- Allowed Attempts 3

Attempt History

	Attempt	Time	Score
KEPT	Attempt 3	5 minutes	10 out of 10
LATEST	Attempt 3	5 minutes	10 out of 10
	Attempt 2	7 minutes	9 out of 10
	Attempt 1	5 minutes	10 out of 10

Score for this attempt: 10 out of 10

Submitted Feb 20 at 7:11am

This attempt took 5 minutes.



Question 1

1 / 1 pts

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

☐ Availability Zones

Correct!

☒ Amazon EC2 Auto Scaling

☐ AWS CloudFormation

Correct!

☒ Elastic Load Balancing

☐ AWS Config

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



Question 2

1 / 1 pts

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

Correct!

- ☒ Amazon Simple Notification Service (Amazon SNS)
- ☐ AWS CloudTrail
- ☐ AWS Trusted Advisor
- ☐ Amazon Route 53

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



Question 3

1 / 1 pts

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

- ☐ Only supports dynamic scaling

Correct!

- ☒ Responds to changing conditions by adding or terminating instances
- ☐ Delivers push notifications

Correct!

- ☒ Launches instances from a specified Amazon Machine Image (AMI)

Correct!

- ☒ Enforces a minimum number of running Amazon EC2 instances

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.



Question 4

1 / 1 pts

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

Correct!

- ☒ A listener
- ☐ An instance

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



Question 5

1 / 1 pts

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

Correct!

☒ Amazon Machine Image (AMI)

☐ Load balancer

Correct!

☒ Instance type

☐ Virtual private cloud (VPC) and subnets

Correct!

☒ Amazon Elastic Block Store (Amazon EBS) volumes

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



Question 6

1 / 1 pts

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

Correct!

☒ Amazon CloudWatch

☐ AWS CloudTrail

☐ Amazon EC2 Auto Scaling

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



Question 7

1 / 1 pts

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

Correct!

☒ Minimum size

☐ Health checks

Correct!

☒ Desired capacity

Correct!

☒ Maximum size

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



Question 8

1 / 1 pts

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

Correct!

☒ AWS CloudTrail

☐ Amazon Elastic Compute Cloud (Amazon EC2)

☐ Amazon Simple Notification Service (Amazon SNS)

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



Question 9

1 / 1 pts

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

Correct!

☒ Stops routing traffic to that target

☐ Triggers an alarm

Correct!

☒ Resumes routing traffic when it detects that the target is healthy again

☐ Resumes routing traffic when manually restarted

Correct!

☒ Routes traffic to a healthy target

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.



Question 10

1 / 1 pts

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

☐ Internet Load Balancer

Correct!

☒ Application Load Balancer

Correct!

☒ Network Load Balancer

☐ Compute Load Balancer

Correct!

☒ Classic Load Balancer

☐ Auto Scaling Load Balancer

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

Quiz Score: 10 out of 10