# **Shared Responsibility Model**

In the public cloud, there is a shared security responsibility between you and AWS.



the Cloud

the Cloud



You are responsible for **how** the services are implemented and managing your **application data**.

Application Data You are responsible for managing your application data, which includes encryption options.

Security Configuration

You are responsible for **securing** your account and API calls, **rotating** credentials, **restricting** internet access from your VPCs, and more.

**Patching** 

You are responsible for the **guest operating**) **system (OS)**, which includes updates and security patches.

Identity and Access
Management

You are responsible for application security and identity and access management.

Network Traffic You are responsible for network traffic protection, which includes security group firewall configuration.

Installed Software

You are responsible for your **application code**, installed software, and more. You should frequently scan for and **patch vulnerabilities** in your code.

# EC2 Shared Responsibility Model





#### You



- Installed applications
- Patching the guest operating system
  - · Security controls





## **AWS**



- EC2 service
- Patching the host operating system
- Security of the physical server

## Lambda Shared Responsibility Model

Let's take a closer look at the shared responsibility model for Lambda.



### You



- · Security of code
- Storage of sensitive data
- IAM for permissions





## **AWS**



- · Lambda service
- Upgrading Lambda languages
- Lambda endpoints
- Operating system
- · Underlying infrastructure
- · Software dependencies







Patching infrastructure



Patching guest OS and applications

## **Configuration Management**



Configuring infrastructure devices



Configuring databases and applications

## **Awareness and Training**



AWS employees



Your employees

# Things to Remember When Studying for the Exam



## **Shared Responsibility Model**

Going into the exam, remember what you are responsible for and what AWS is responsible for.