

# AWS Shared Responsibility Model





- The AWS **Shared Responsibility** Model divides security tasks **between AWS** and the **customer**.
- AWS secures the cloud infrastructure, while customers are responsible for securing their data, applications, and access within the cloud.
- Both work together to ensure a secure environment.



# AWS Responsibility

## Security of the Cloud:

- AWS manages the infrastructure, including physical security, network, and hardware.
- Ensures availability and integrity of cloud services.

## Global Infrastructure:

- Maintains regions, availability zones, and edge locations.
- Implements controls for networking, access management, and hardware.





# Customer Responsibility

## Security in the Cloud:

- Customers manage the security of their applications, data, and identity management.
- Responsible for configuring services securely, setting up firewalls, and managing access permissions.

## Data Protection:

- Customers are responsible for encrypting their data and ensuring privacy.
- They also manage backups, data retention, and disaster recovery strategies.



|           |                                                        |                        |                               |
|-----------|--------------------------------------------------------|------------------------|-------------------------------|
| Customers | Customer Data                                          |                        |                               |
|           | Platform, Applications, Identity and Access Management |                        |                               |
|           | Operating Systems, Network and Firewall Configuration  |                        |                               |
|           | Client-side Data Encryption                            | Server-side Encryption | Networking Traffic Protection |
|           |                                                        |                        |                               |
| AWS       | Software                                               |                        |                               |
|           | Compute                                                | Storage                | Database                      |
|           | Networking                                             |                        |                               |
|           | Hardware/AWS Global Infrastructure                     |                        |                               |
|           |                                                        |                        |                               |
|           | Regions                                                | Availability Zones     | Edge Locations                |
|           |                                                        |                        |                               |
|           |                                                        |                        |                               |