

AWS CERTIFIED SOLUTION ARCHITECT: ASSOCIATE

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ASSOCIATE



INTRODUCTION EC2

- Introduction to EC2
- EC2 Features
- Introduction to ELB
- Introduction to Auto Scaling
- Launching Web Server instance on EC2

Compute



- EC2



- ECS
 - training.docker.com



- Elastic Beanstalk



- ELB



- AutoScaling



- Lambda

AWS ELASTIC CLOUD COMPUTE

EC2

Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud.



AWS ELASTIC CLOUD COMPUTE

FEATURES

Virtual Computing Environment - instances

Pre-configured images, AMI (amazon machine images)

Various configuration of CPU, Memory, Storage & Network - instance types

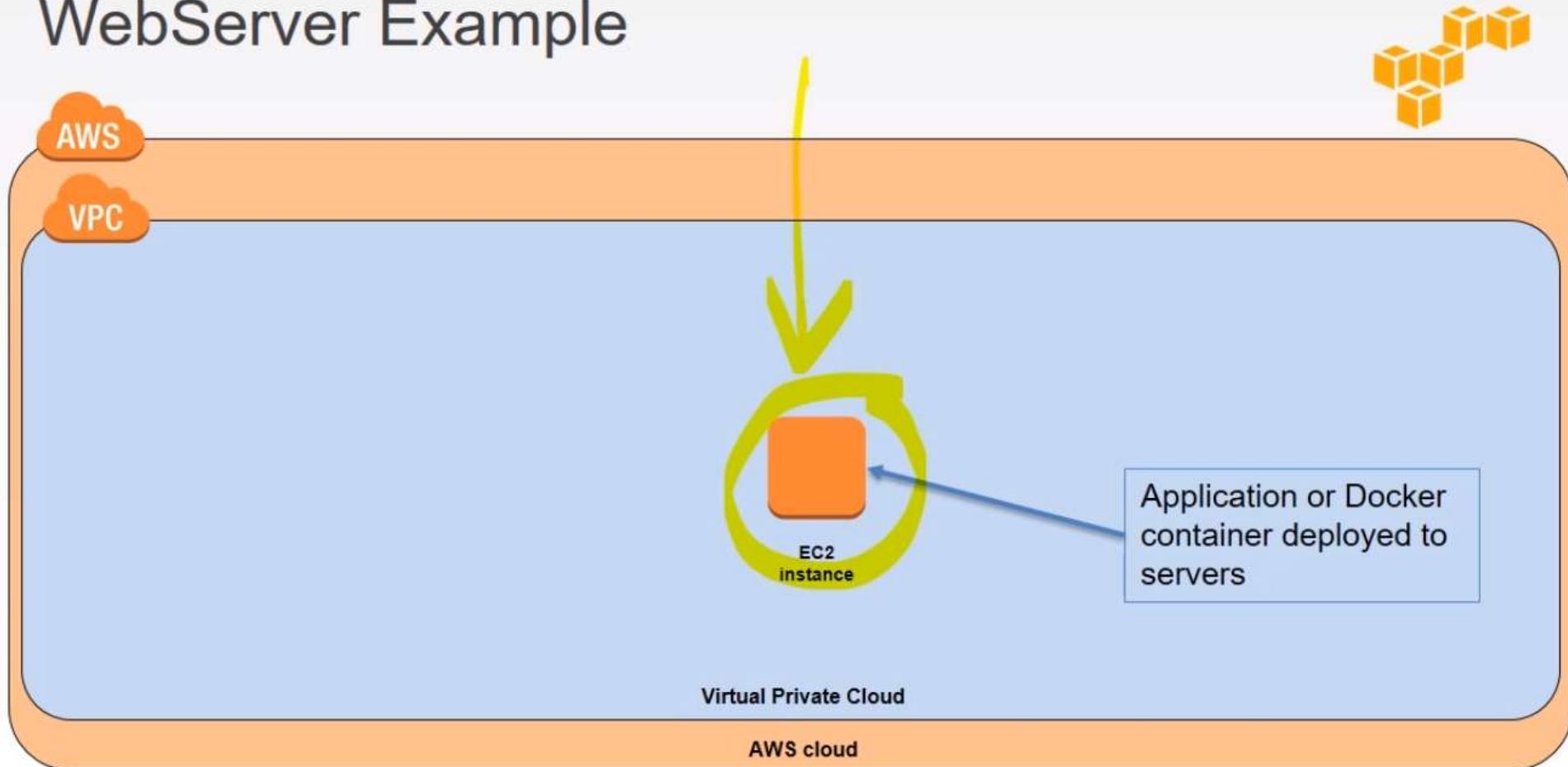
Secure login, using "key pairs"

Persistent Volumes for data storages - EBS (elastic block storage)

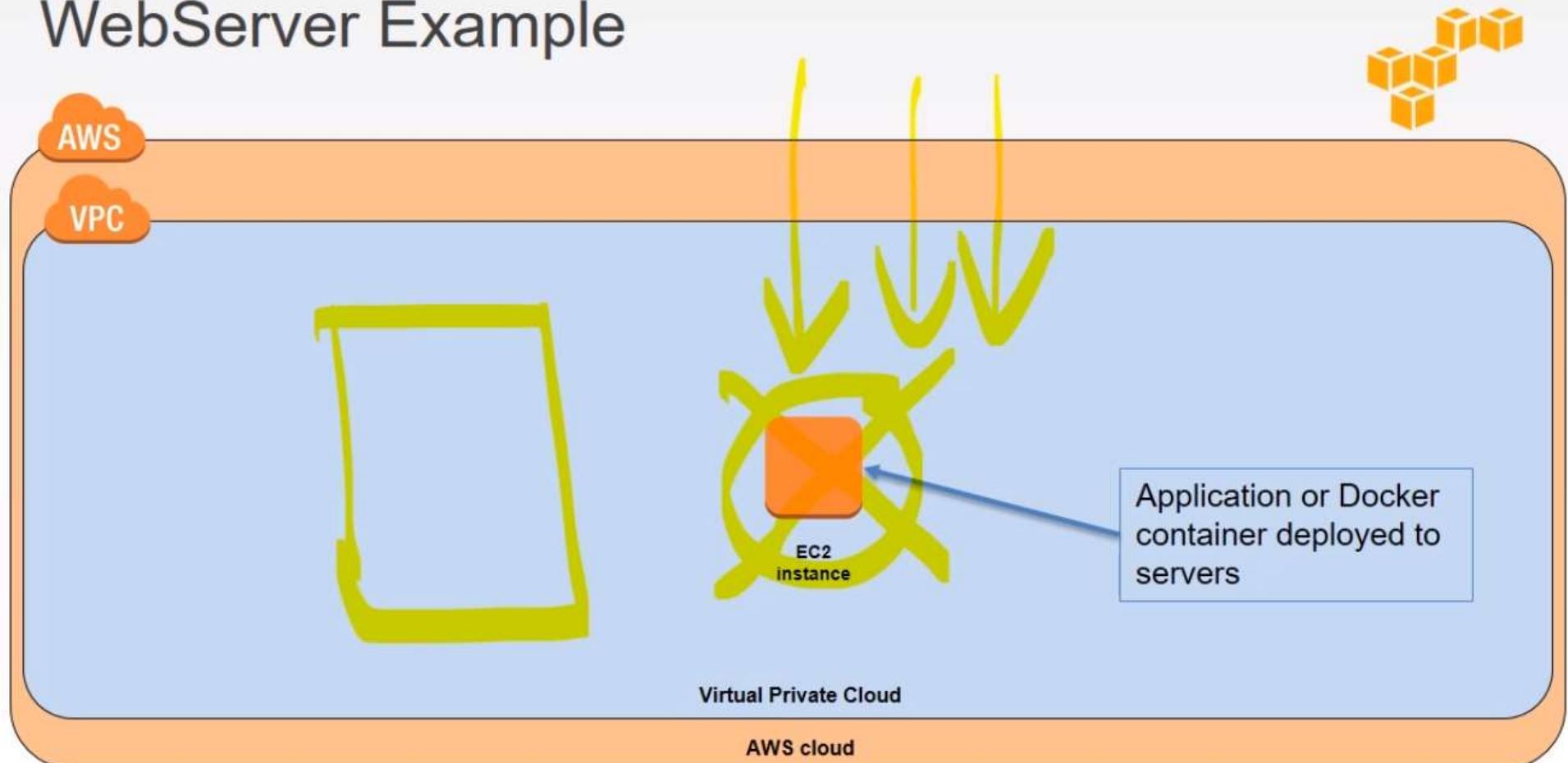
Securing instances using firewall - Security Groups

Static Public IP Addresses - Elastic IP

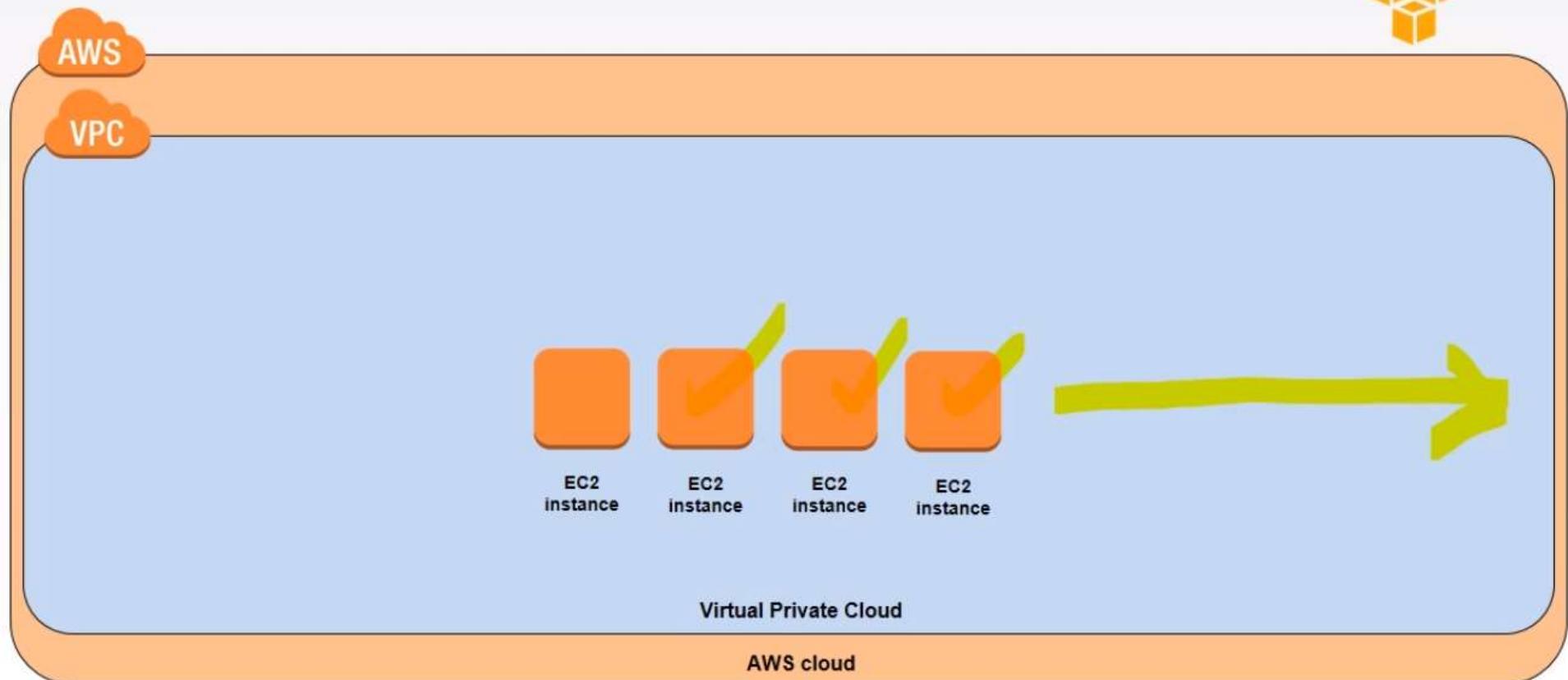
WebServer Example



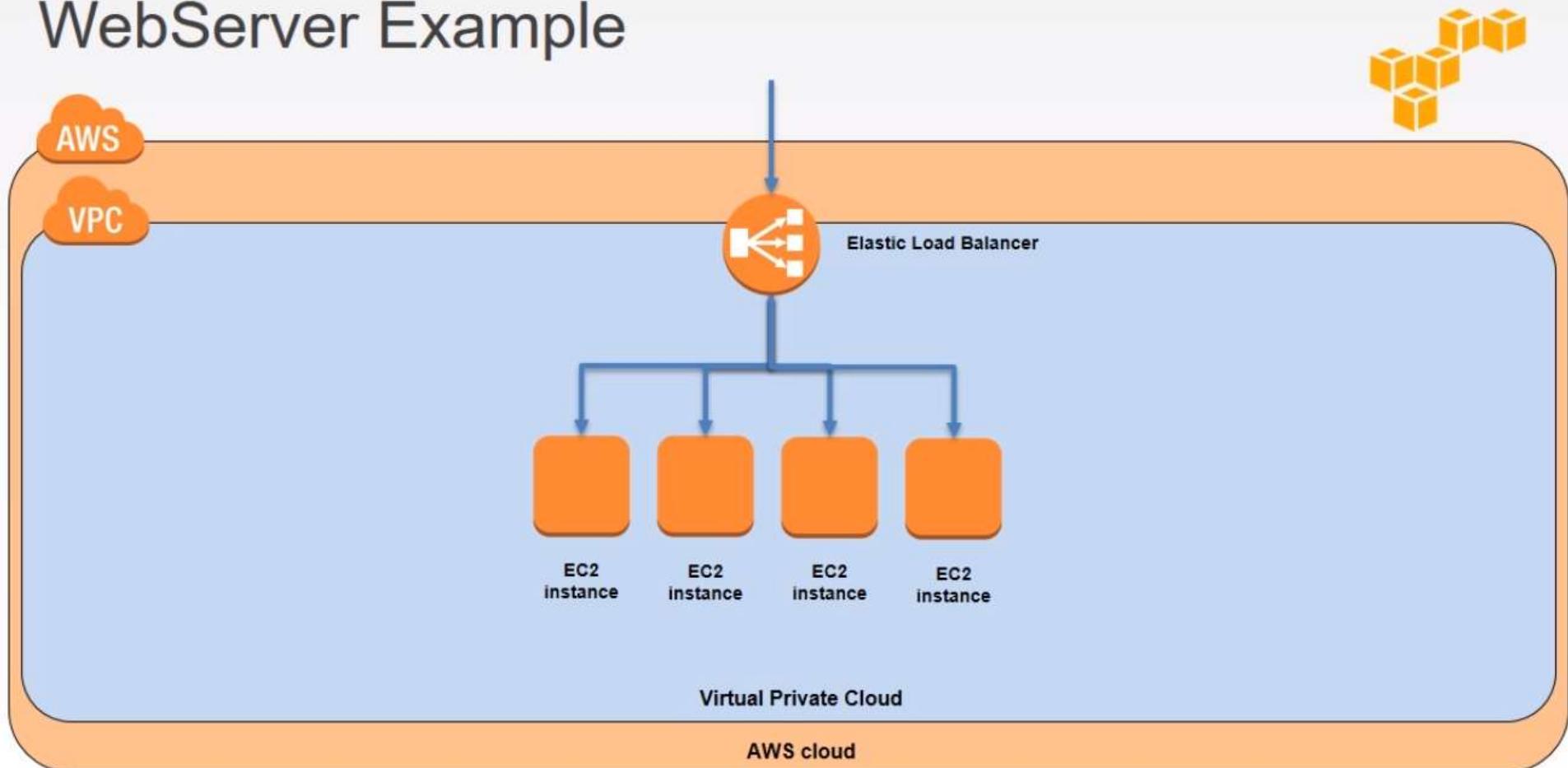
WebServer Example



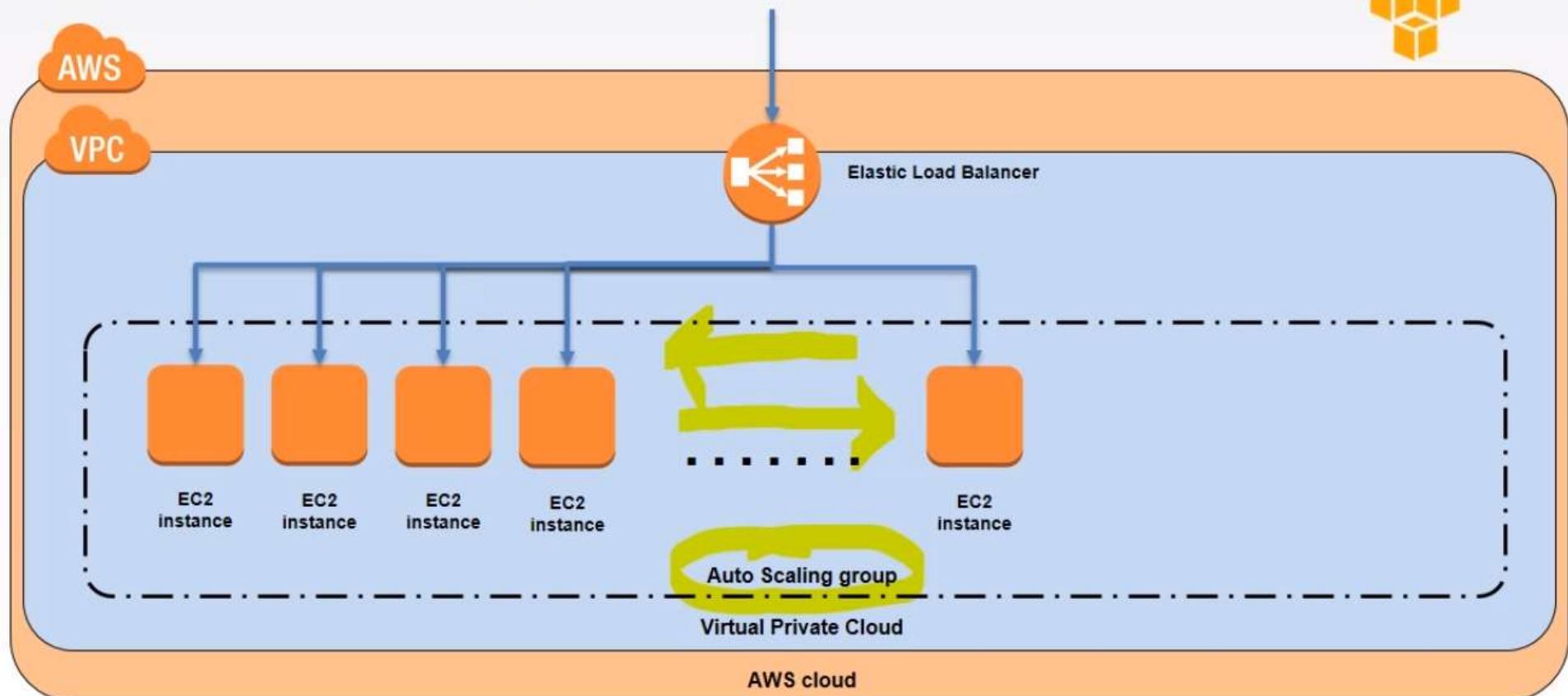
WebServer Example



WebServer Example



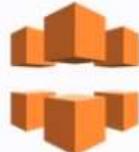
WebServer Example



Networking & Content Delivery



- VPC



- CloudFront



- Route 53

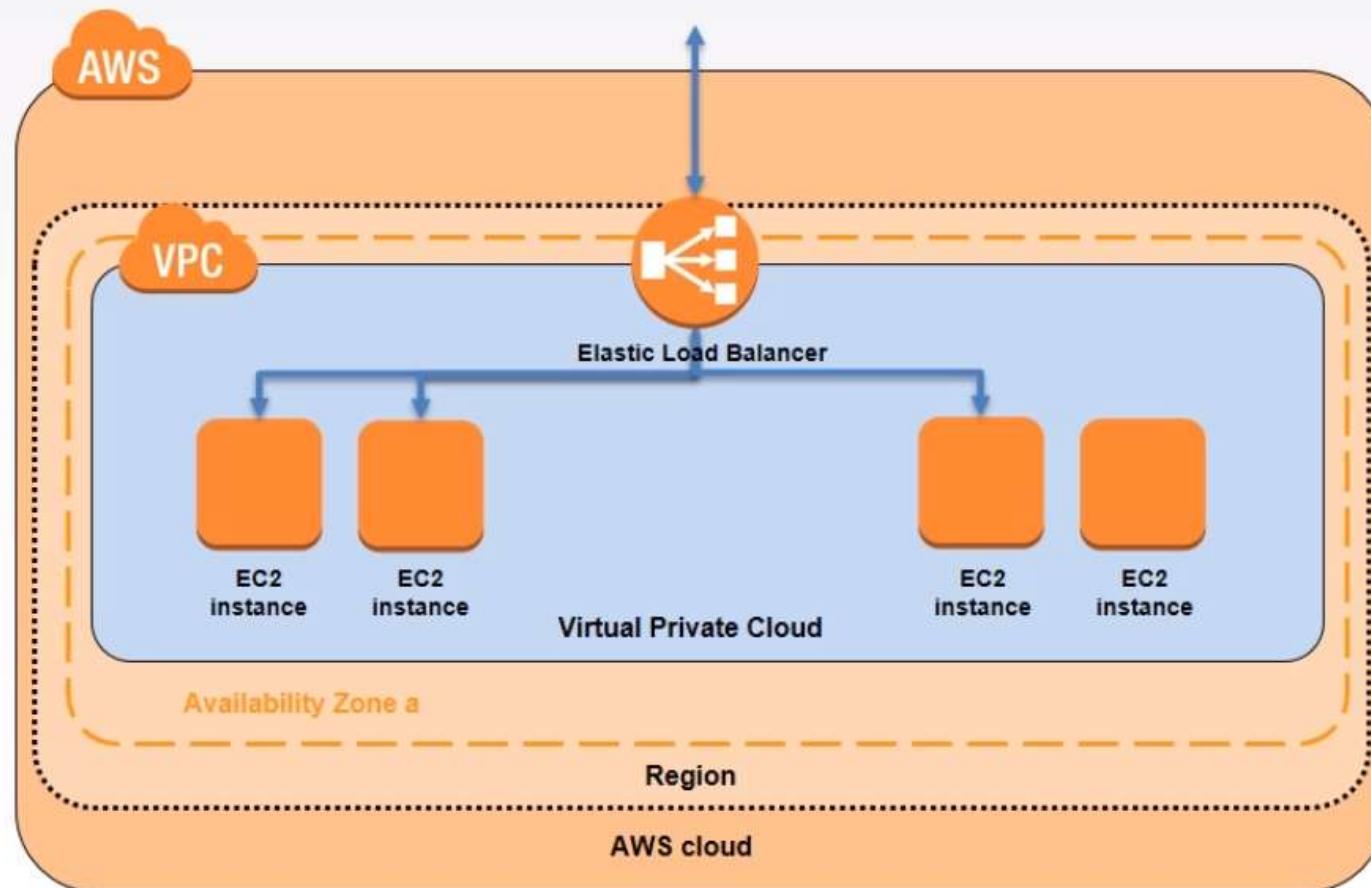


- Direct Connect

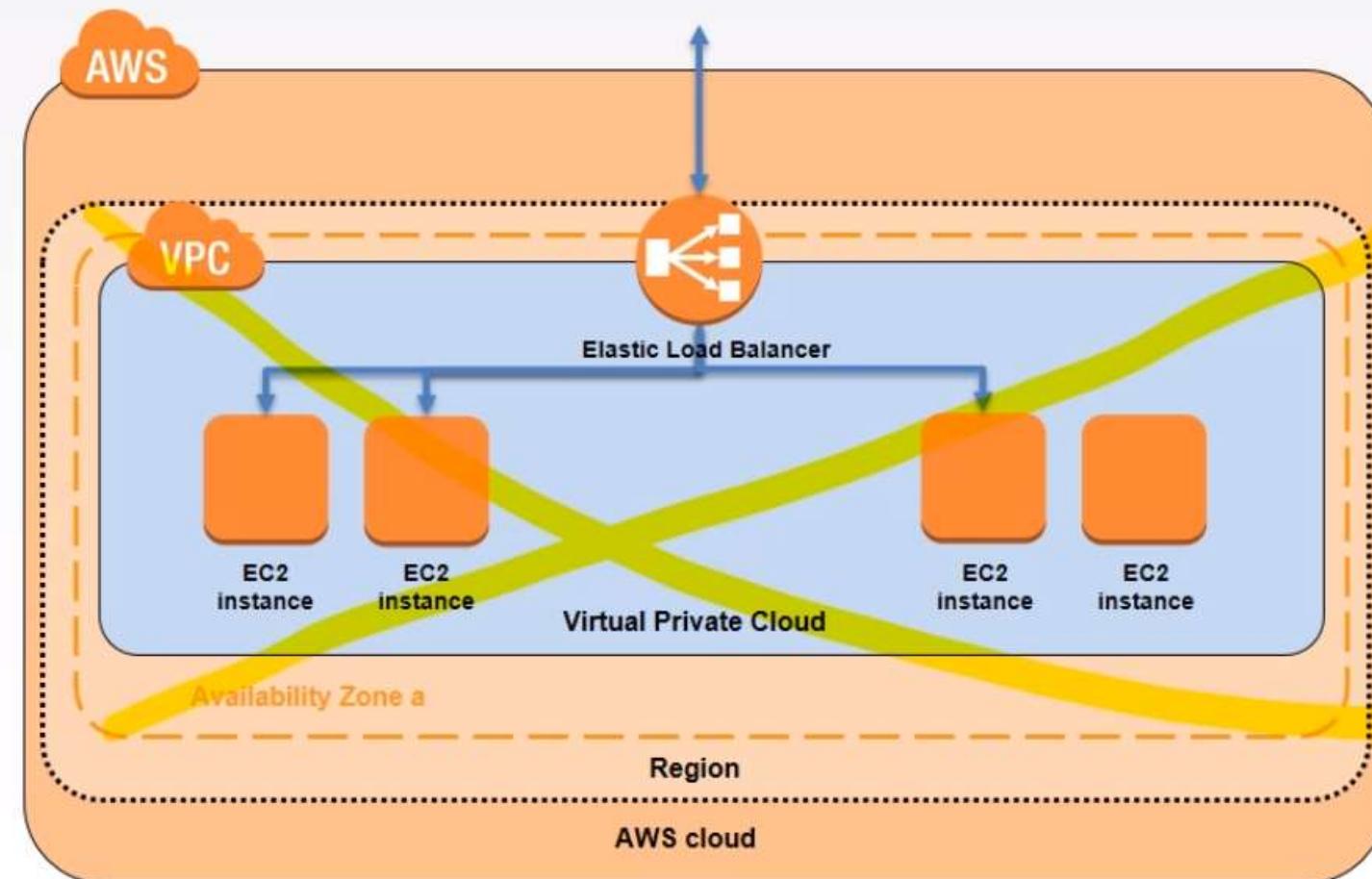


- ELB (also compute)

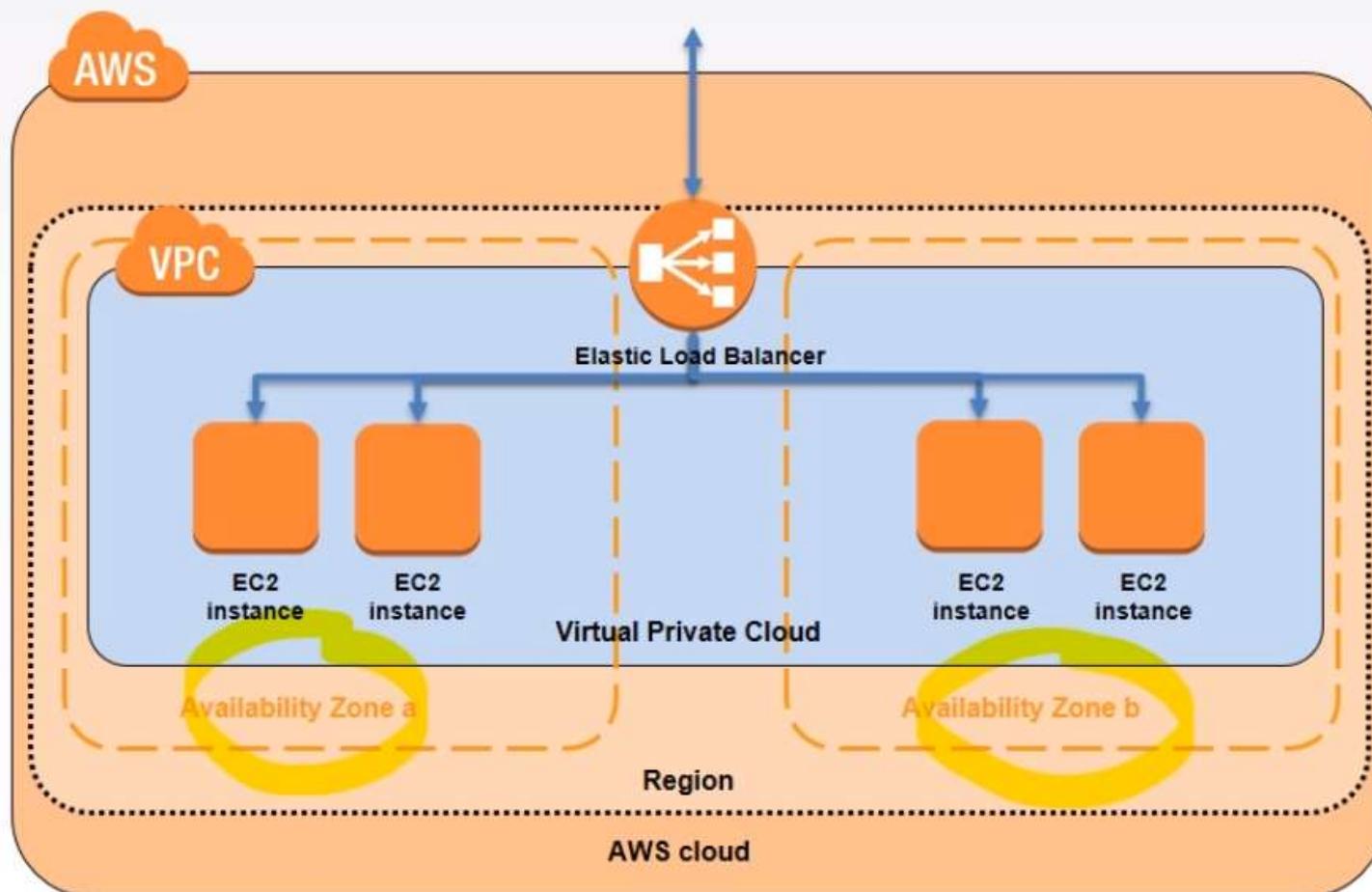
Networking Example



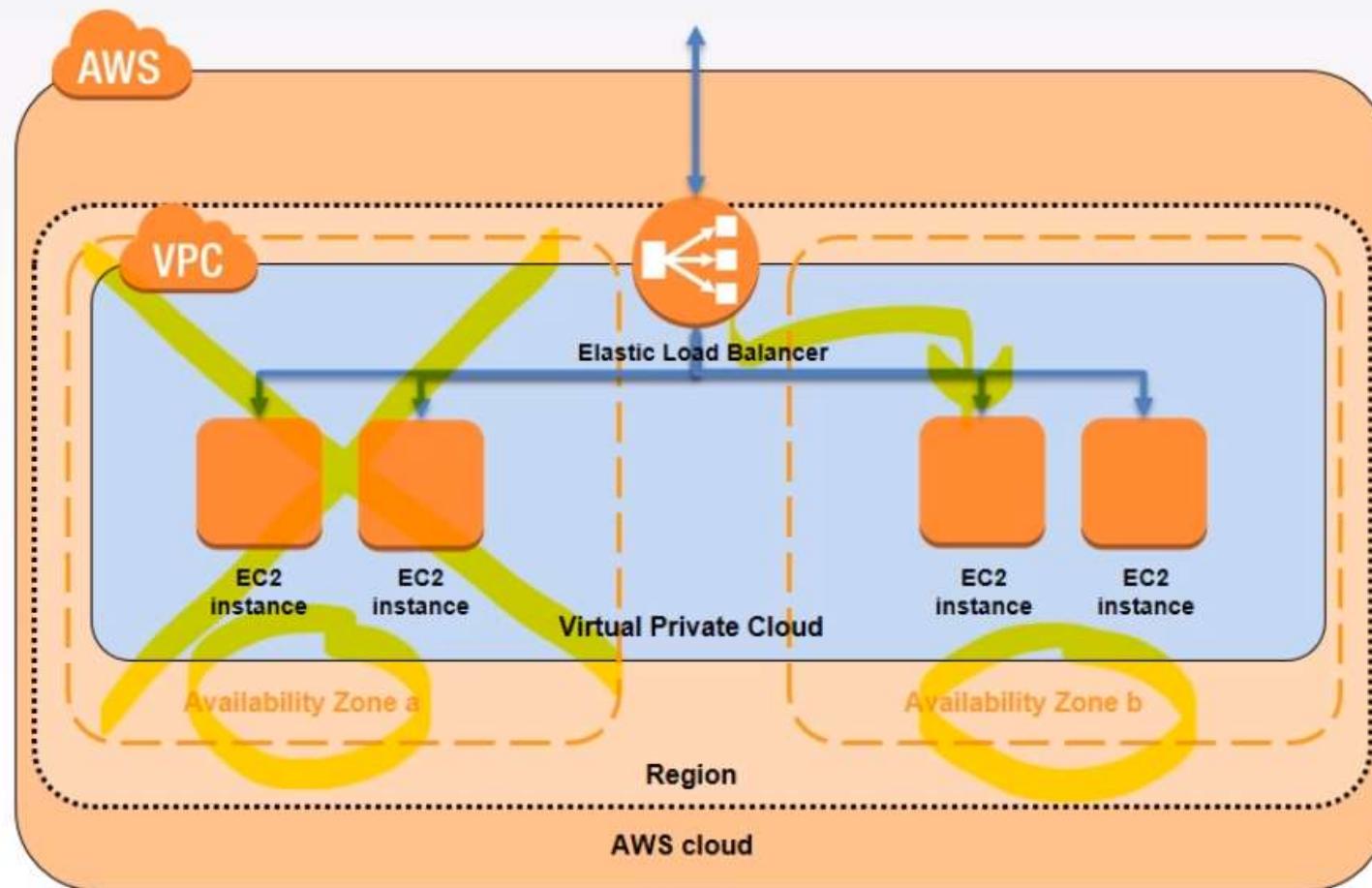
Networking Example

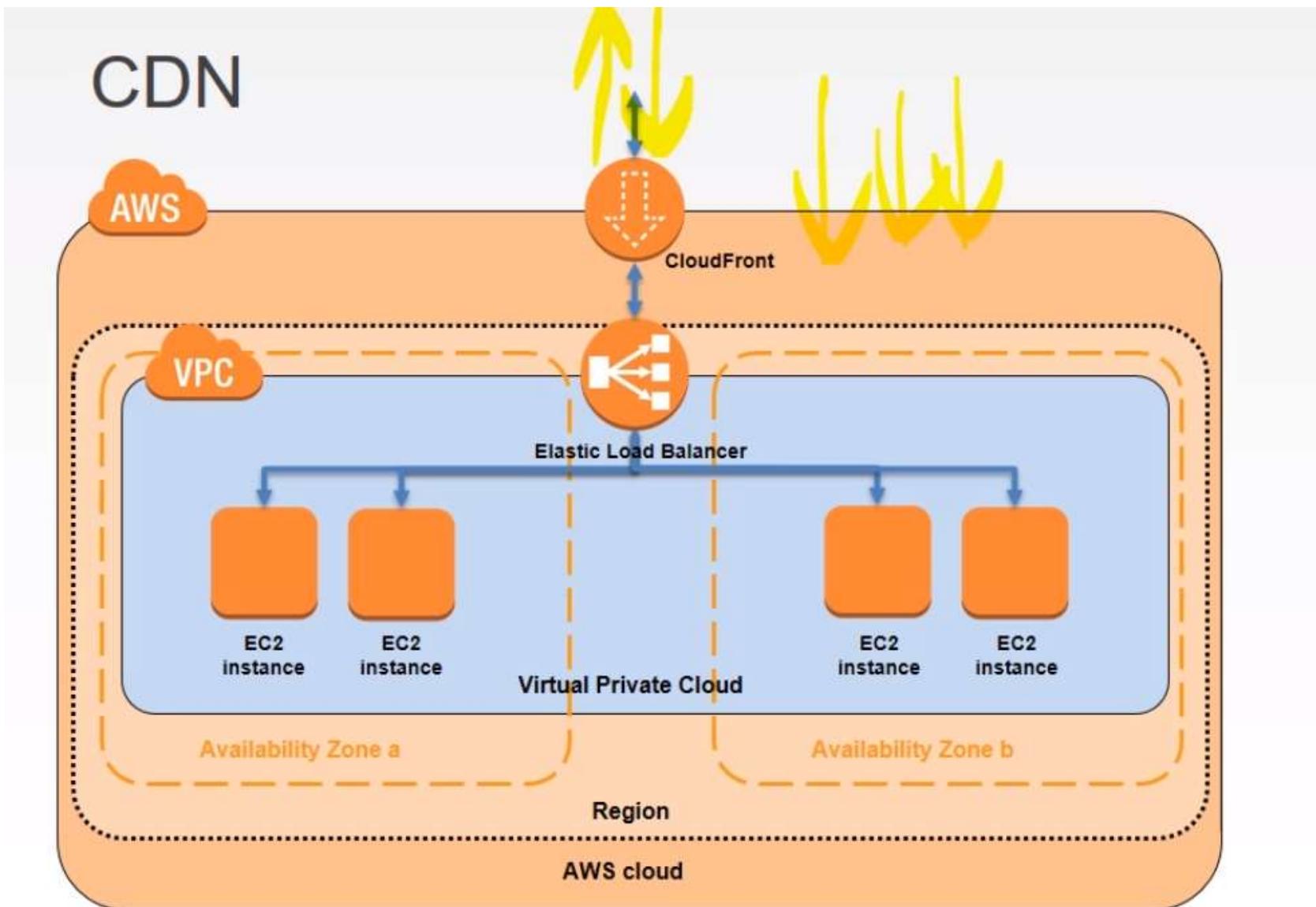


Multi AZ

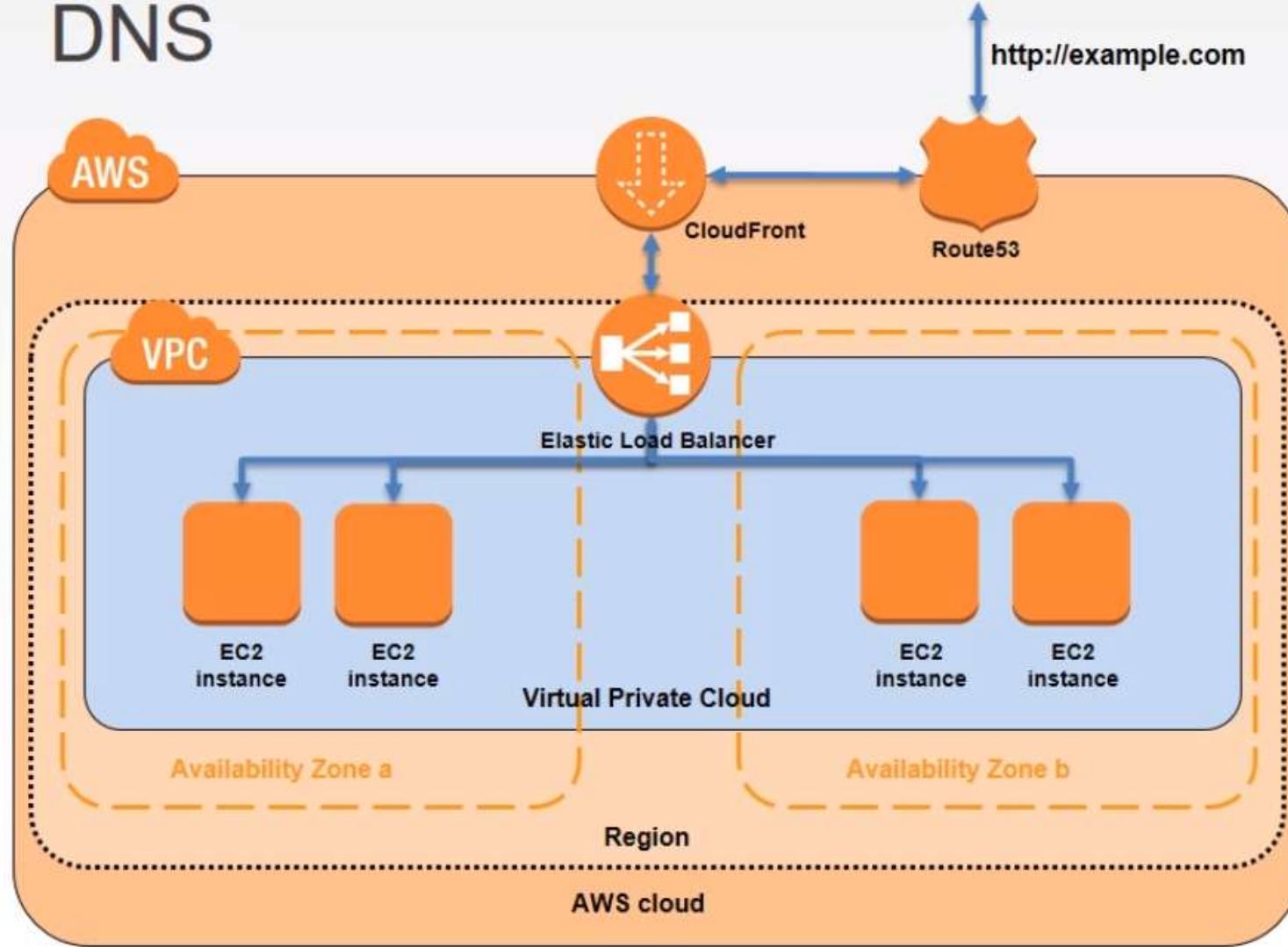


Multi AZ

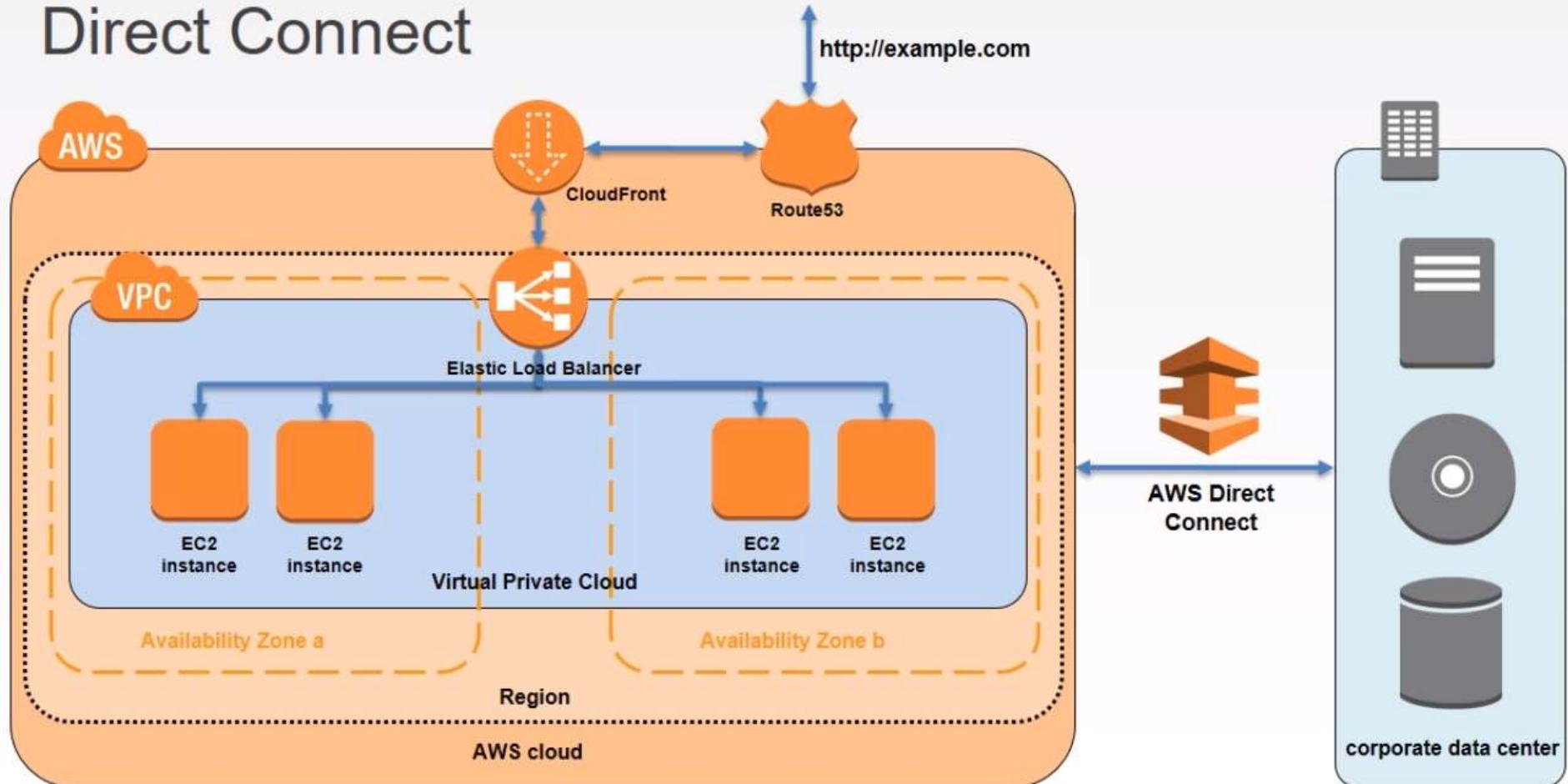




DNS



Direct Connect



Lets Go!

