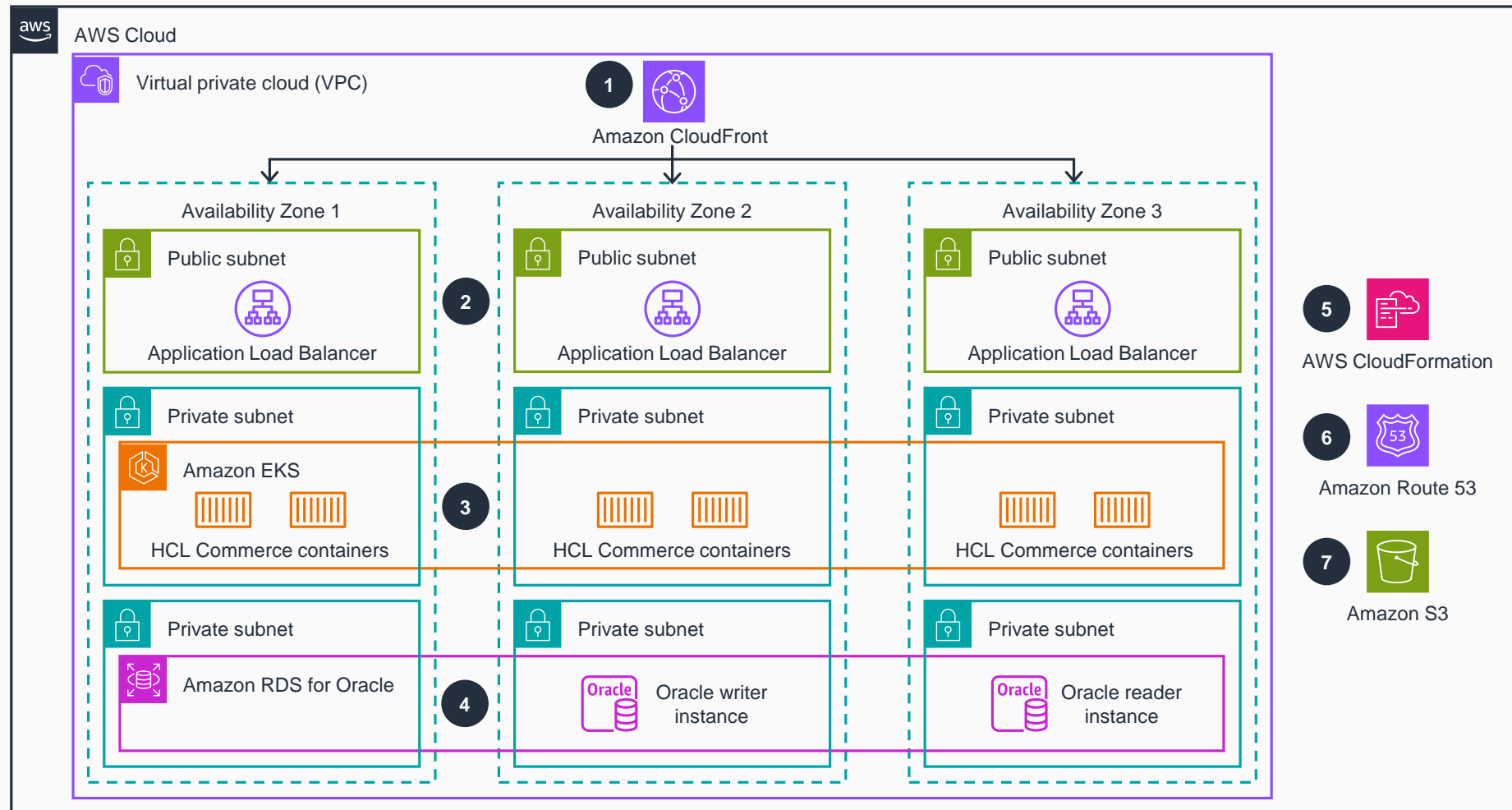# Guidance for Ecommerce Migration with HCL Commerce Cloud on AWS

This architecture diagram shows you can migrate HCL Commerce Cloud to AWS using containers to maximize the benefits of AWS native and managed services. HCL Commerce Cloud is a featured product of HCLSoftware.

1 **Amazon CloudFront** provides a highly secure and programmable content delivery network.

2 **Application Load Balancer** automatically distributes the incoming traffic across multiple containers in multiple Availability Zones (AZs) to provide resilience.

3 **Amazon Elastic Kubernetes Service (Amazon EKS)** is used to run HCL Commerce Cloud on Kubernetes. **Amazon EKS** orchestrates and scales containers on demand with resiliency built in.

4 **Amazon Relational Database Service (Amazon RDS) for Oracle** provides high performance and availability at a global scale with full HCL Commerce Cloud version 9 compatibility.

5 You can use infrastructure as code through **AWS CloudFormation** to deploy a consistent architecture running HCL Commerce Cloud on AWS.

6 **Amazon Route 53** provides DNS configuration.

7 **Amazon Simple Storage Service (Amazon S3)** is used to store backups and serve static content.

AWS Reference Architecture