BPP Security Architecture Kata

This Example Company needs security protection! Both from an Applications and Infrastructure standpoint.
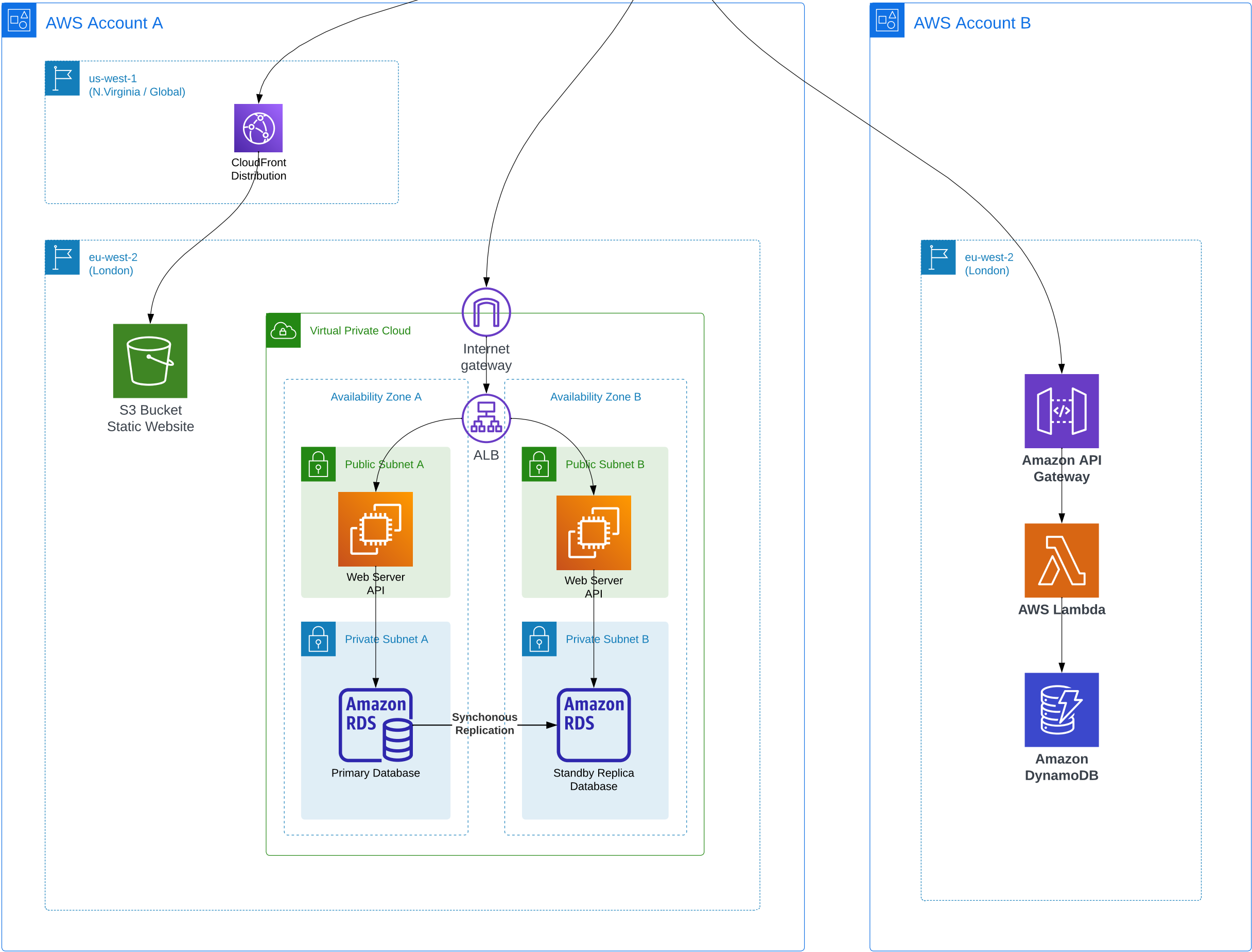
Create a presentation no longer than 30 minutes to summarise how you'd protect this architecture.

Think about the following
1. Preventative controls – how well can you block unauthorised access?
2. Detective controls – how well can you identify unexpected activity or unwanted configuration?
3. Incident response – how quickly and effectively can you respond and recover from issues?
4. Data protection – how well is the data protected while being used and stored?

Internet Traffic

AWS Account A

us-west-1
(N.Virginia / Global)

CloudFront
Distribution

eu-west-2
(London)

S3 Bucket
Static Website

Virtual Private Cloud

Internet
gateway

ALB

Availability Zone A

Public Subnet A

Web Server
API

Private Subnet A

Amazon RDS

Primary Database

Synchonous
Replication

Availability Zone B

Public Subnet B

Web Server
API

Private Subnet B

Amazon RDS

Standby Replica
Database

AWS Account B

eu-west-2
(London)

**Amazon API
Gateway**

AWS Lambda

**Amazon
DynamoDB**

Security Kata

**Example Company
Architecture**

15/07/2023
v1.0

PUBLIC

Description
This architecture illustrates a sample AWS company architecture, with a Static Website, backed by a hosted API in Acccount A, and a newer, serverless API in Account B