## What Is Secrets Manager?

- · Similar to Systems Manager Parameter Store
- Charge per secret stored and per 10,000 API calls
- · Automatically rotate secrets
- · Apply the new key/password in RDS for you
- Generate random secrets

## **AWS Shield**



Web Application Firewall (WAF)



## **How Does WAF Work?**

WAF allows three different behaviors:

- Allow all requests, except the ones you specify
- Block all requests, except the ones you specify
- · Count the requests that match the properties you specify
- · Request properties:
  - · Originating IP address
  - Originating country
  - · Request size
  - Values in request headers
  - Strings in request matching regular expressions (regex) patterns
  - SQL code (injection)
  - Cross-site scripting (XSS)

## AWS Firewall Manager Centrally configure and manage firewall rules across an AWS Organization WAF rules: ALB API Gateway CloudFront distributions AWS Shield Advanced protections: ALB ELB Classic EIP CloudFront distributions

• Enable security groups for EC2 and ENIs