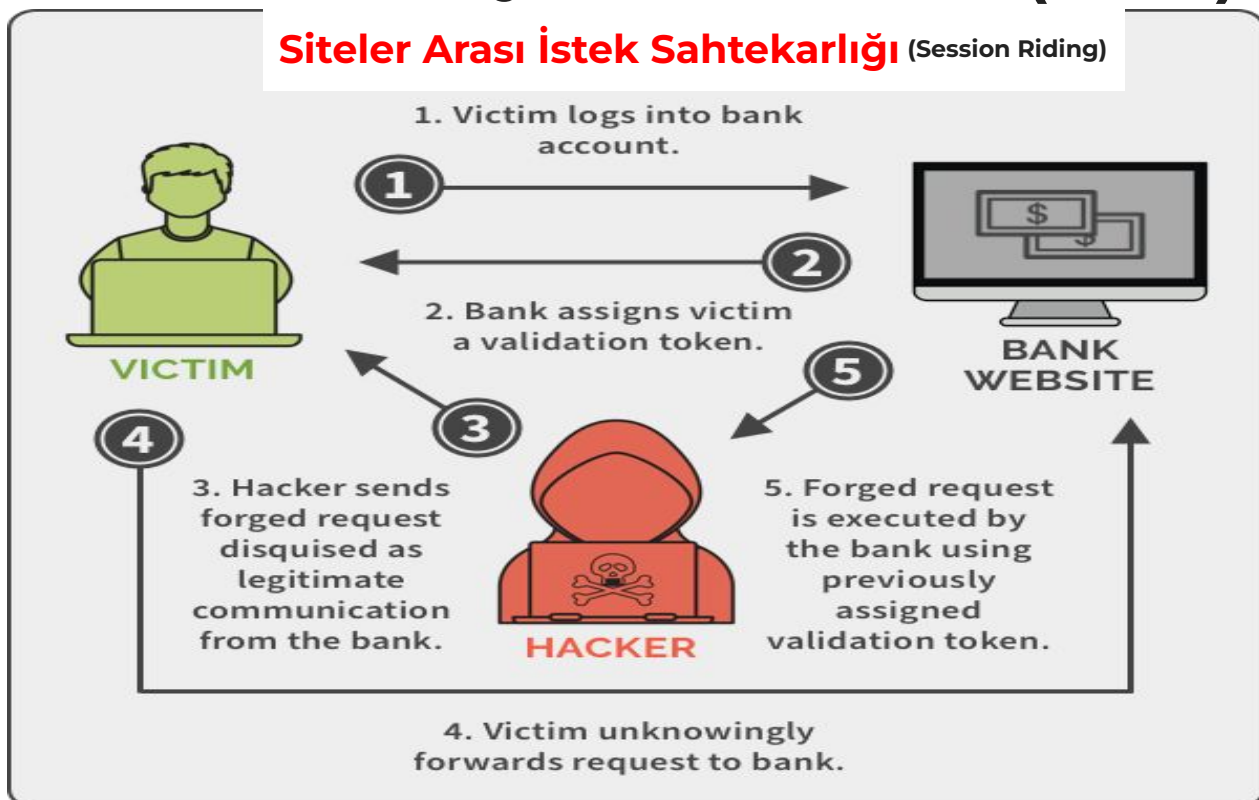
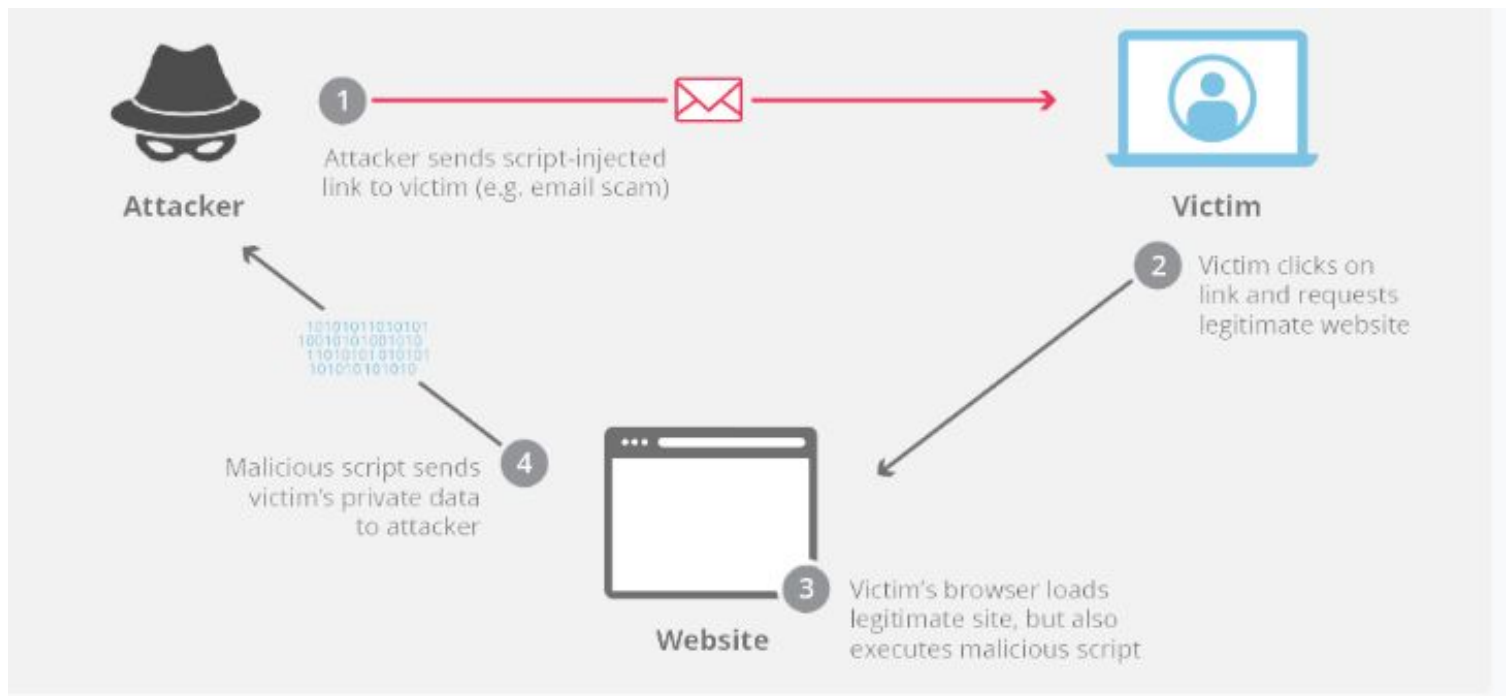


CROSS SITE REQUEST FORGERY (CSRF)

Siteler Arası İstek Sahtekarlığı (Session Riding)



Cross Site Scripting (XSS)



SSL

SQL INJECTION

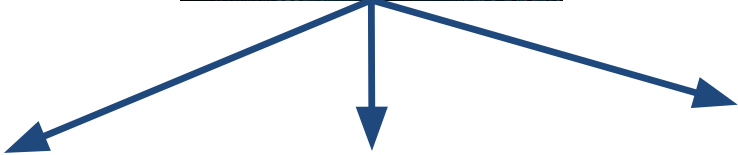
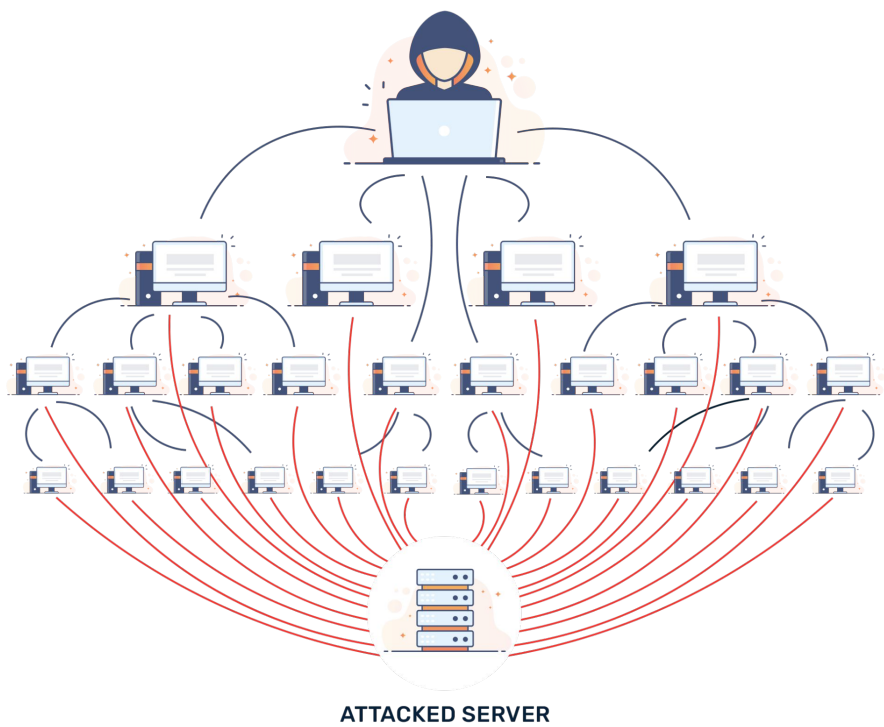
```
"SELECT *  
FROM users  
WHERE login=$name  
AND password = $pwd"
```

```
SELECT * FROM USERS WHERE username = 'osvaldo' and password = 'Pl1234'
```

```
SELECT * FROM USERS WHERE username = 'administrator' -- and password = ''
```

```
UNION SELECT username, password--
```

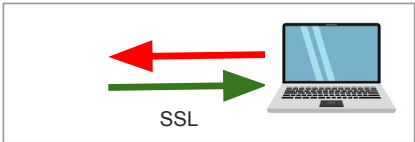
DDOS Attack



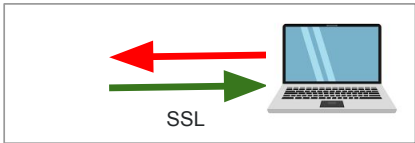
Server Side Encryption (**At Rest**)

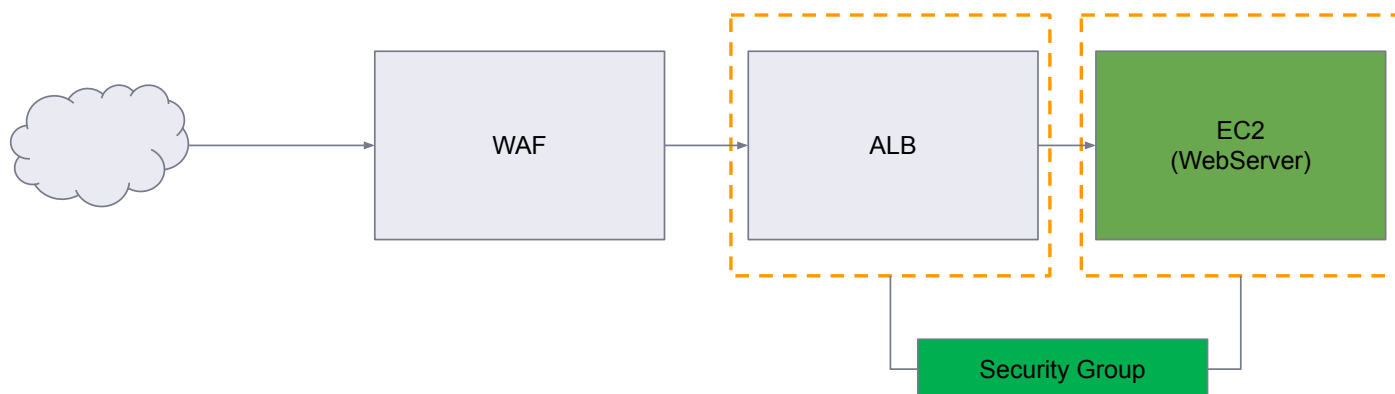
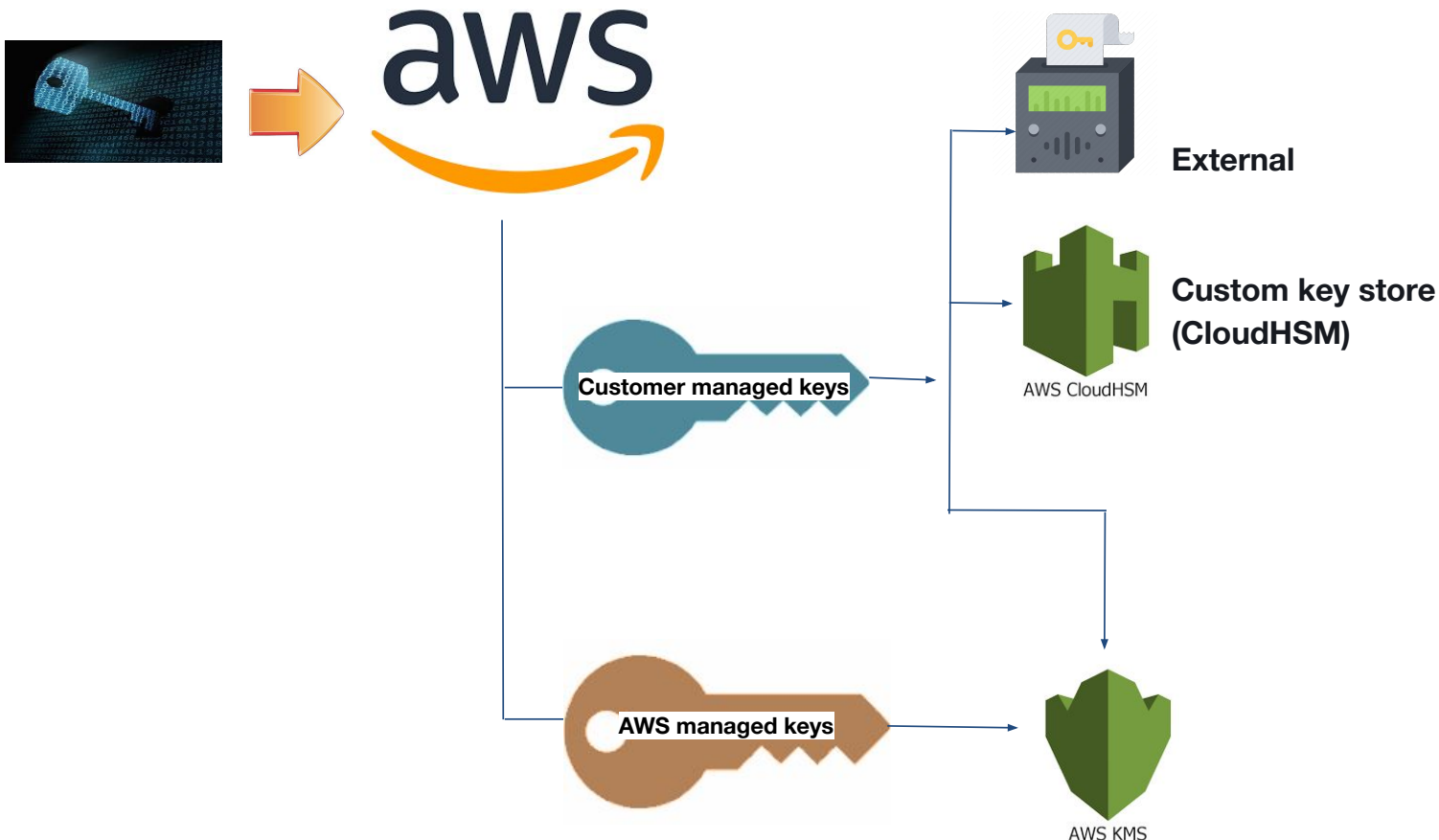


Encryption in **Transition**



Client Side Encryption (**Transition+At Rest**)





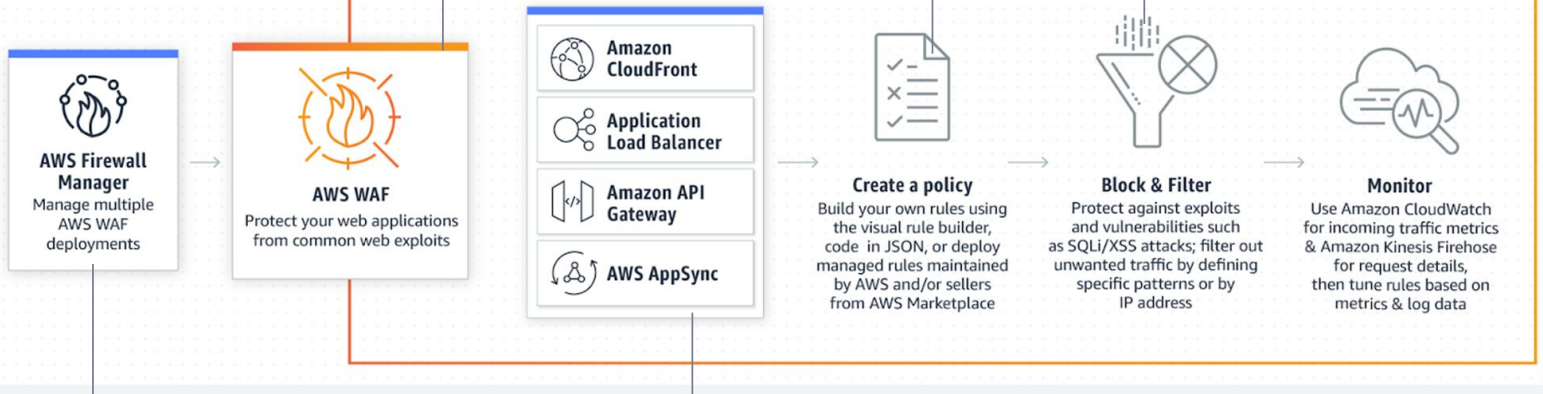
AWS WAF



- Functionality is same as a standard web application firewall
 - protect against web exploits
 - SQL injection, cross-site scripting, etc...

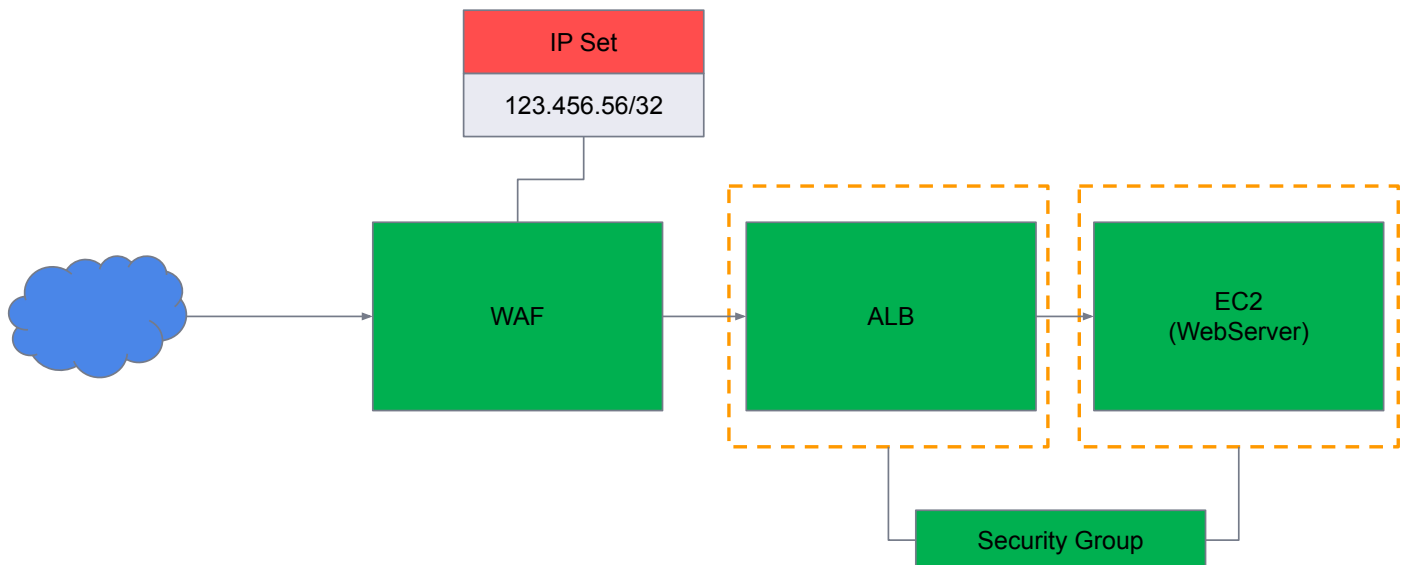
- Has available "rule packages"
 - AWS Managed
 - 3rd Party Vendors

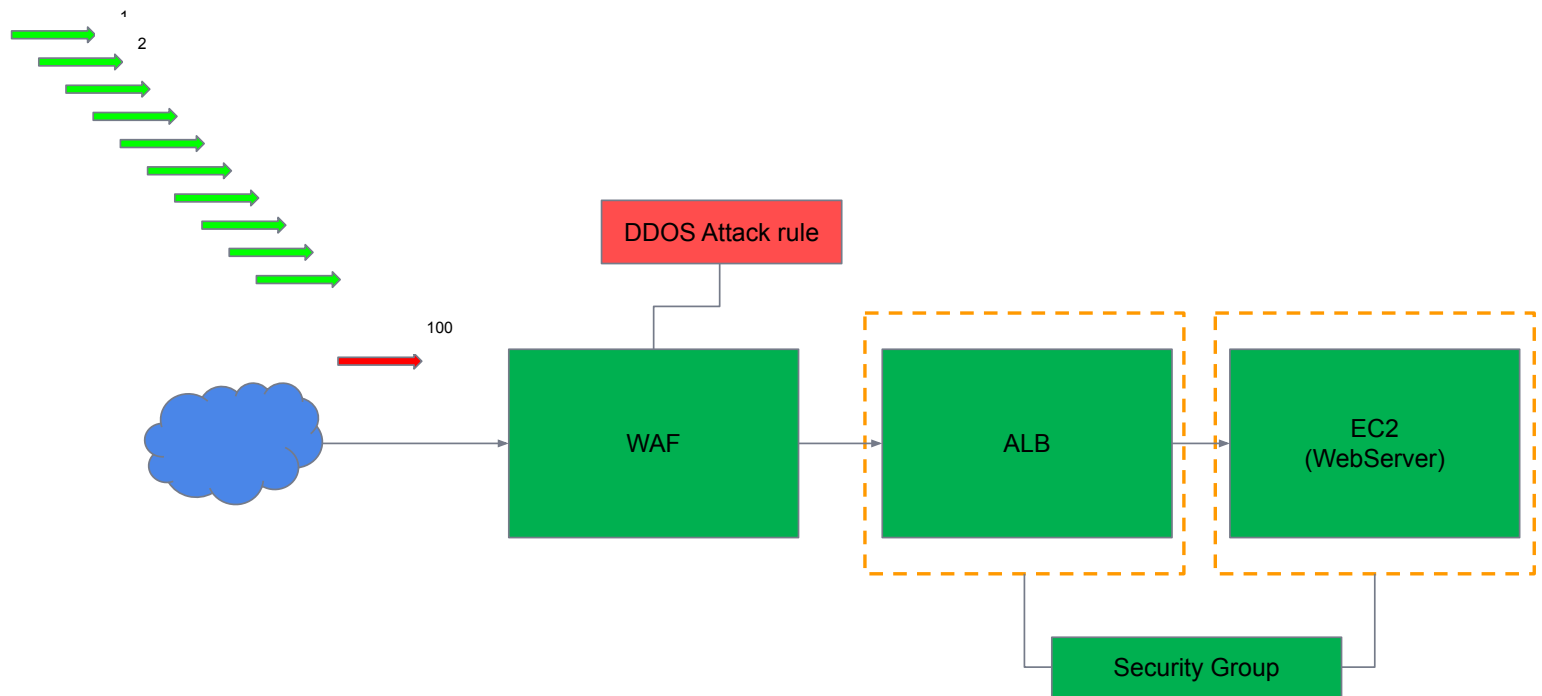
- Can run in detective or preventative mode



- Can manage rules centrally and apply to all endpoints in an organization

- Works with AWS endpoints





**DDoS attacks cost business between
US\$20,000 and US\$40,000 per hour**
(Source: Cox BLUE)

**32% of serious DDoS coincided with a
network intrusion**
(Source: Cox BLUE)

**Q1 2020 reported a 542% increase in
DDoS activity compared to Q4 2019**
(Source: Nexus Guard)

