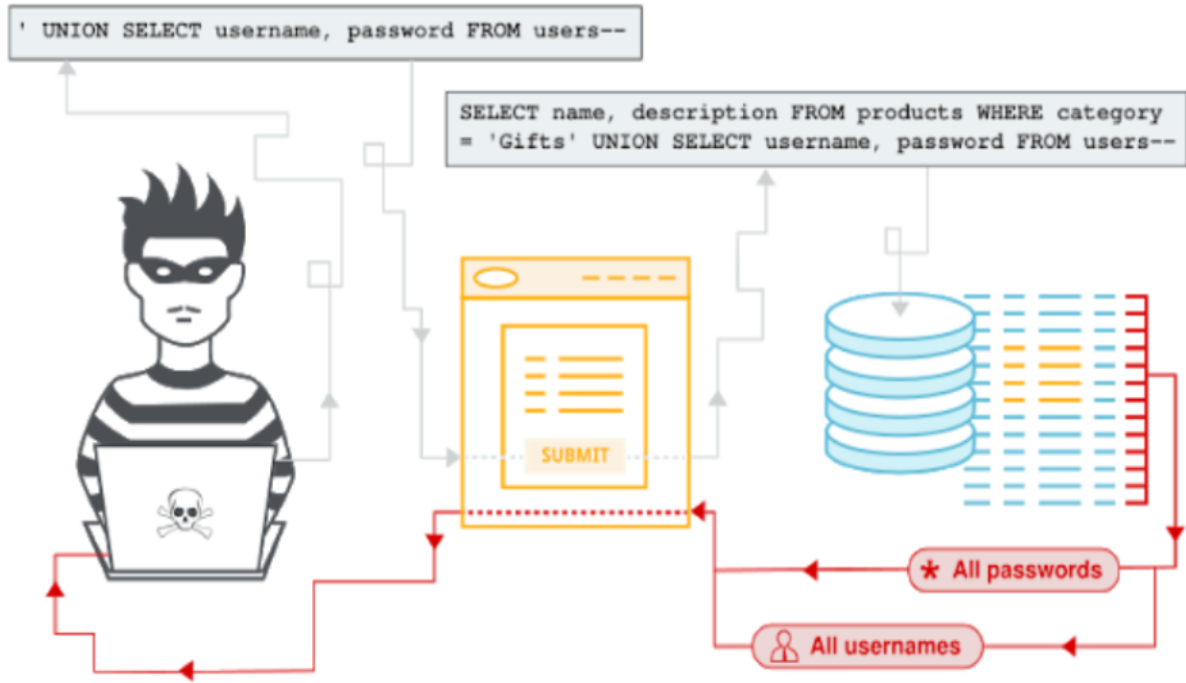
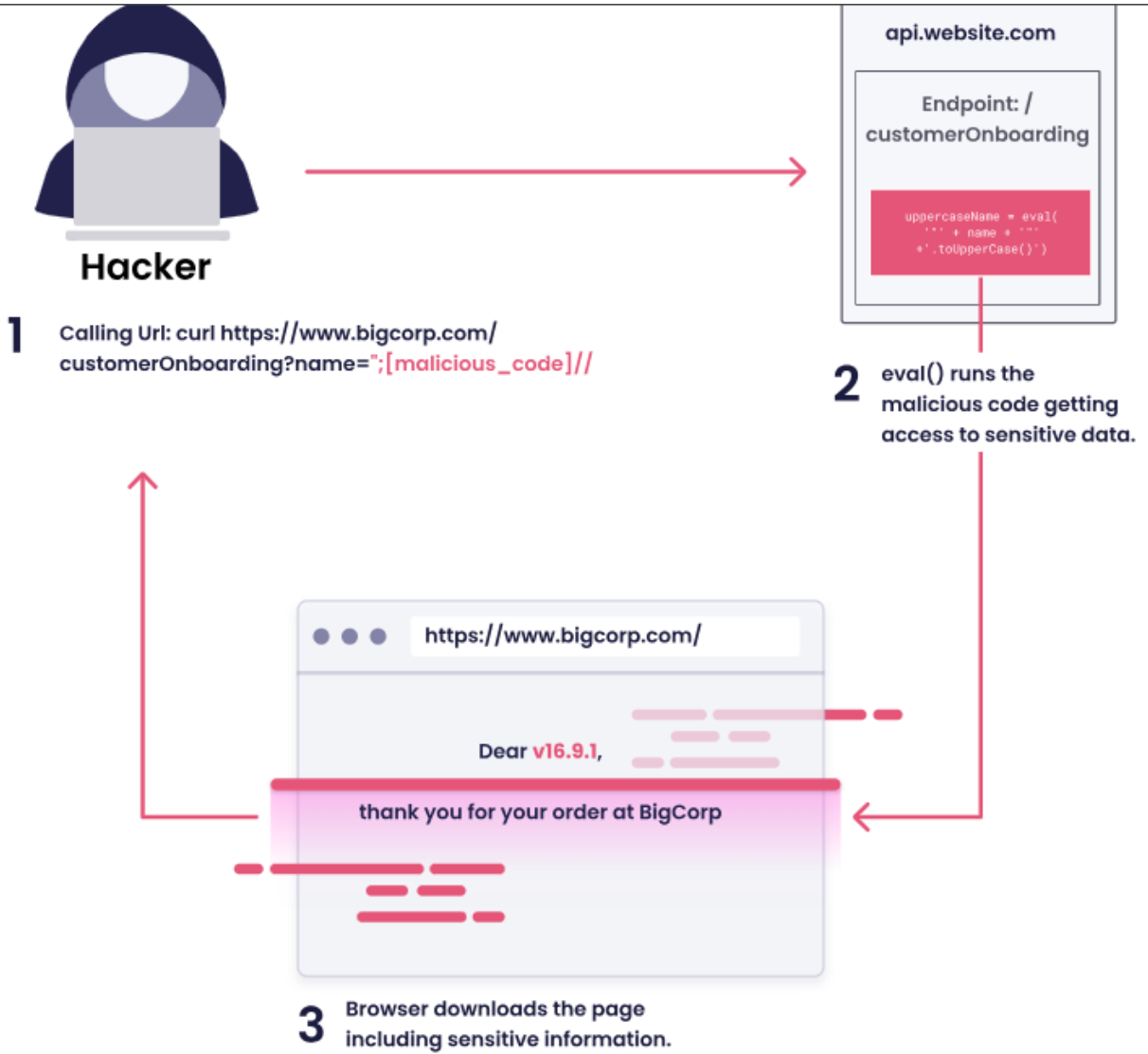


Popular Attacks

- [Refer Here](#) for DDOS attacks
- CSRF [Refer Here](#)
- SQL Injection



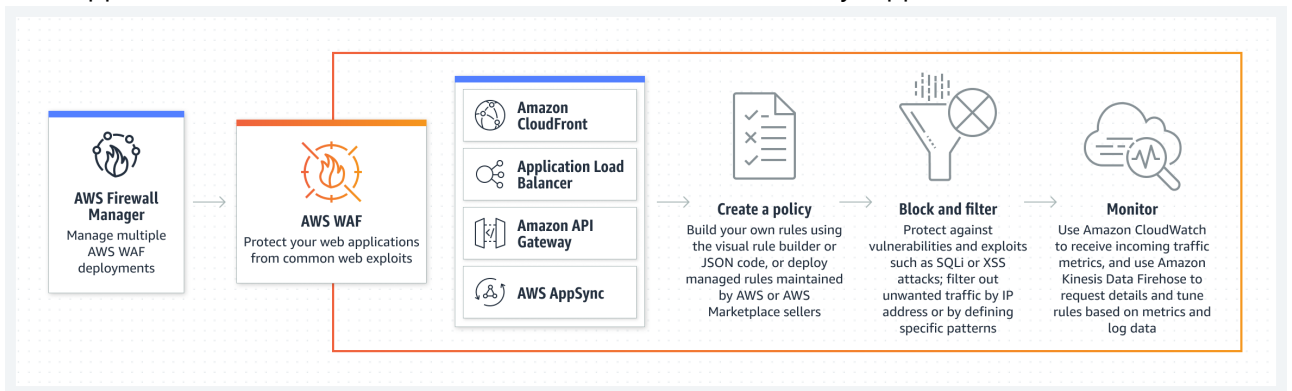
- Javascript Injection



- Many more refer OWASP

Firewalls in AWS

- Web Application Firewall (WAF): This can be attached to API Gateway, Application Load Balancer



- Firewall Manager [Refer Here](#)

Firewalls in Azure

- Web Application Firewall (WAF) [Refer Here](#)
- Azure Firewall Manager [Refer Here](#)

Activities in AWS

- Create a vpc
- create a security group to allow only ping
- create a ec2 instance in public subnet with the above security group
- Also create an ec2 instance in private subnet with the differnt security group with same rules
- now try to access http:// (this will not work)
- now try ping **public ip** this will work
- VPC Flow Logs: [Refer Here](#)
- Lets publish the vpc flow logs to s3 bucket [Refer Here](#)

Activities in Azure

- Create a Vnet
- create a network security group to allow only ping
- create a vm subnet (with public) with the above network security group
- Also create an vm without public ip with the differnt security group with same rules as above
- now try to access http:// (this will not work)
- now try ping **public ip** this will work
- Equivalent of VPC Flow logs of AWS is Network Watcher in Azure [Refer Here](#)