

XML?  $\rightarrow$  eXtensible Markup Language.



XML?  $\rightarrow$  eXtensible Markup Language.

Use?  $\rightarrow$  Store and transport data.



XML?  $\rightarrow$  eXtensible Markup Language. Use?  $\rightarrow$  Store and transport date.

#### Example:



XML?  $\rightarrow$  eXtensible Markup Language. Use?  $\rightarrow$  Store and transport date.

Example:

```
<note>
  <to>Tove</to>
  <from>Jani</from>
  <heading>Reminder</heading>
  <body>Don't forget me this weekend!</body>
</note>
```





# productID=1 &storeID=1





# productID=1 &storeID=1













SERVER WITH SENSITIVE DATA 169.254.169.254











SERVER WITH SENSITIVE DATA 169.254.169.254







SERVER WITH

SENSITIVE DATA

169.254.169.254











#### OUT OF BOUND XXE





HACKER'S SERVER 169.254.169.254

#### OUT OF BOUND XXE





169.254.169.254

#### OUT OF BOUND XXE





READ SERVER LOGS TO VERIFY VULNERABILITY



HACKER'S SERVER 169.254.169.254







OAUTH 2.0 SOCIAL SITE USER Social login TARGET WEBSITE

























## CROSS SITE REQUEST FORGERY

CSRF

- Requests are not validated at the server side.
- Server does not check if the user generated the request.
- Requests can be forged and sent to users to make them do things they
  don't intend to do such as changing their password.



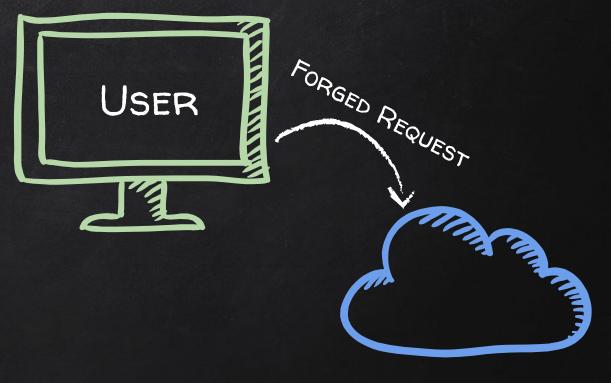












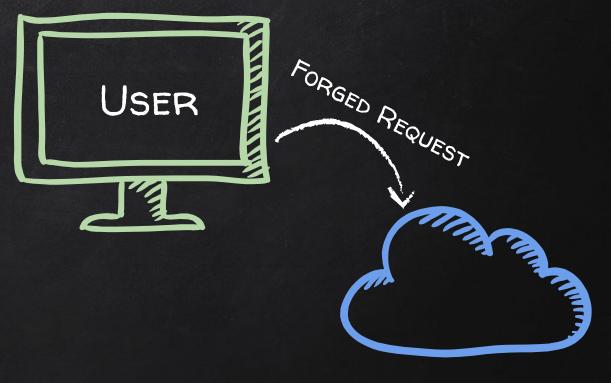


HACKER



TARGET WEBSITE





HACKER





