

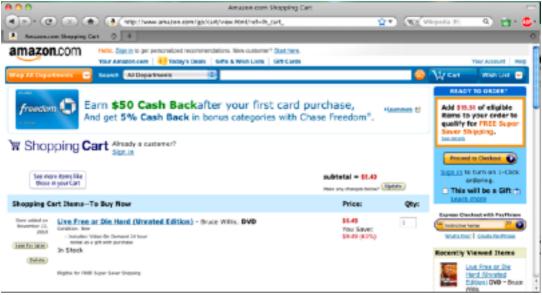
Incomplete Mediation - The Shopping Cart Attack

order=(#2956,10,9,90)



### Server Trusted Domain

#### Client Trusted Domain

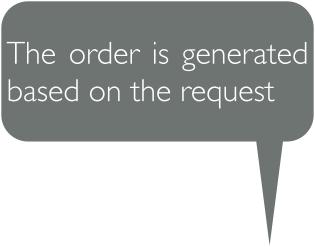


\* Notice that Amazon is **not** vulnerable to this attack

Thank you for your order!



# The total is calculated by a script on the client





## Incomplete Mediation - The Shopping Cart Attack



Client Trusted Domain

Server Trusted Domain

### The backend is the only trusted domain

- Data coming from the frontend cannot be trusted
- ✓ Sensitive operations must be done on the backend