



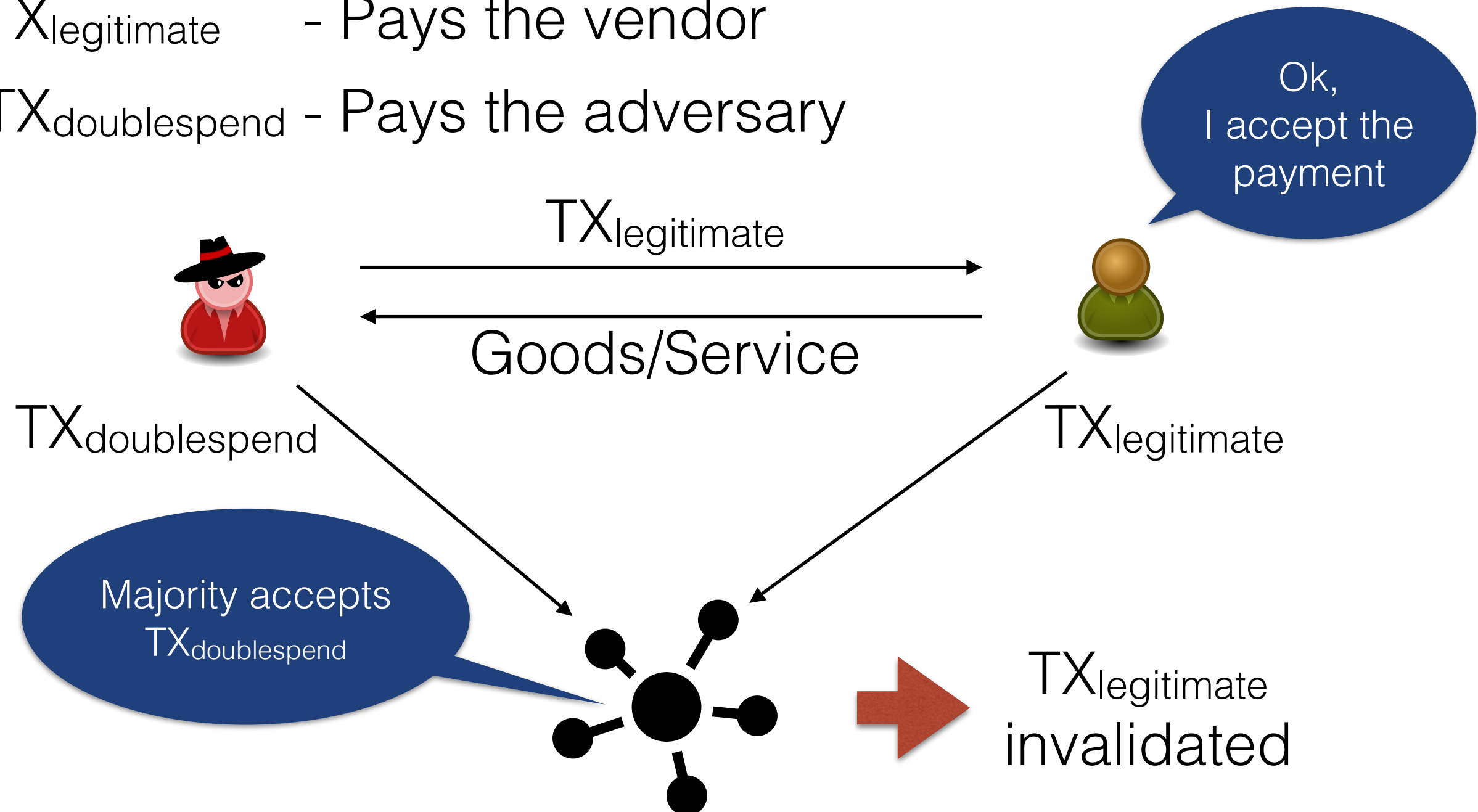
# Eclipse Attacks - Double Spending

# What is Double Spending?

Spending money more than once

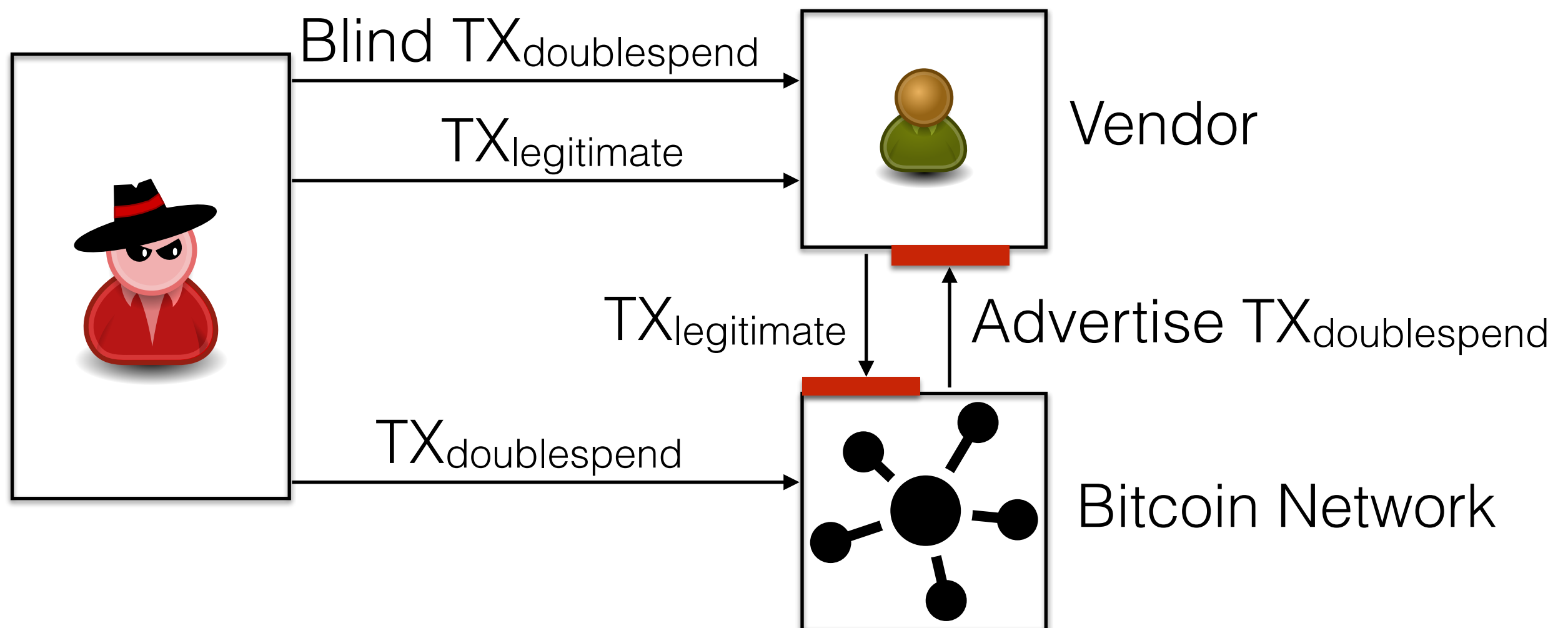
$TX_{\text{legitimate}}$  - Pays the vendor

$TX_{\text{doublespend}}$  - Pays the adversary



# Double Spending 0 Confirmation Transactions

- Very reliable attack
- Regardless of protection (double spend relay)



# Implications - Double Spending 1 Confirmation Transactions

