

# Two type of firewalls

## **Stateless packet filtering**

is purely based on the IP address and the port

## **Stateful packet filtering**

tracks the status of every connection (TCP 3 way handshake)

# Example of a stateful firewall policy

## **ACL** - Access Control Lists

action	protocol	IP src	port src	IP dst	port dst	state
allow	TCP	222.22/16	>1023	! 222.22/16	80	any
allow	TCP	! 222.22/16	80	222.22/16	>1023	ack
allow	UDP	222.22/16	>1023	! 222.22/16	53	-
allow	UDP	! 222.22/16	53	222.22/16	>1023	-
deny	all	all	all	all	all	all