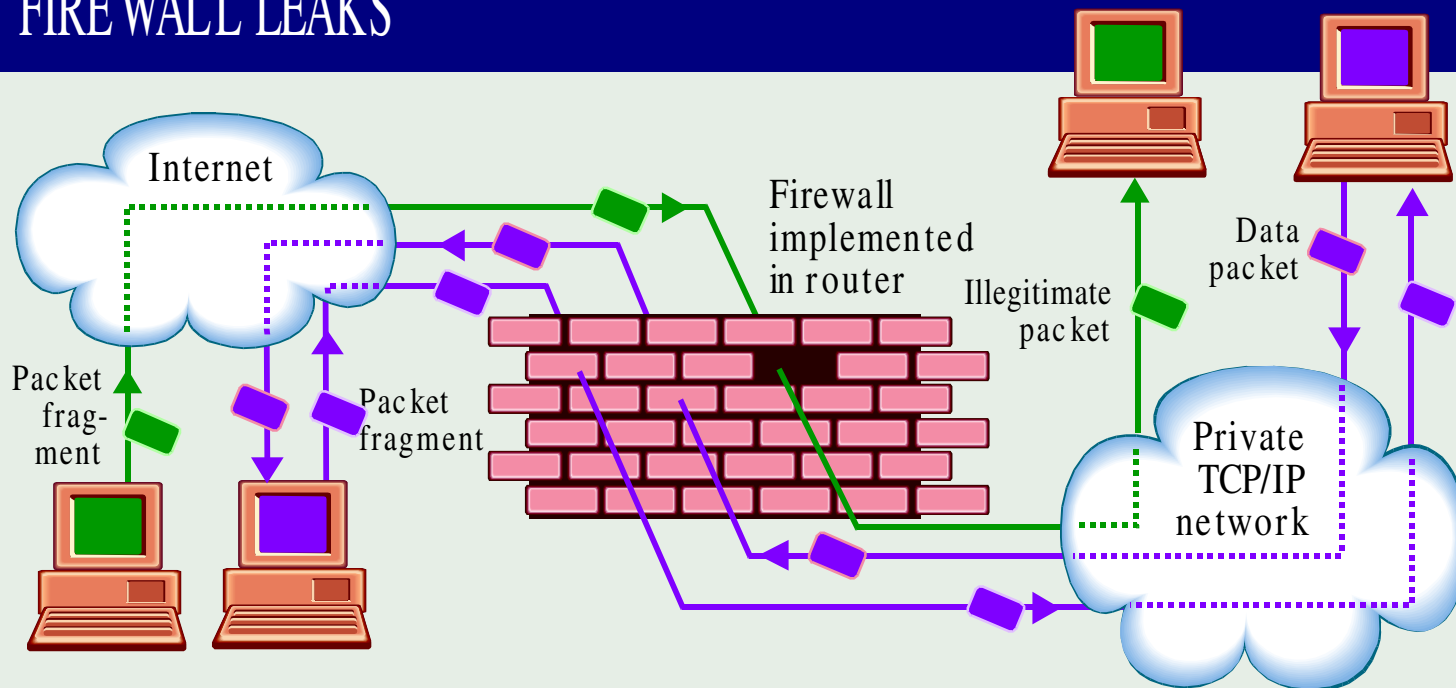


FIRE WALL LEAKS



←→ Firewalls created in a router between a private TCP/IP network and the Internet allow Internet packets through if they are a response to messages generated in the private network.

The Cisco router's packet filter looks for flag bits in the header of a fragmented packet to determine whether it and the subsequent fragments are legitimate.

→ But, fragments can be manually constructed to fool the router's packet filter into thinking that they are legitimate, allowing unauthorized packets into a private TCP/IP network from the Internet.