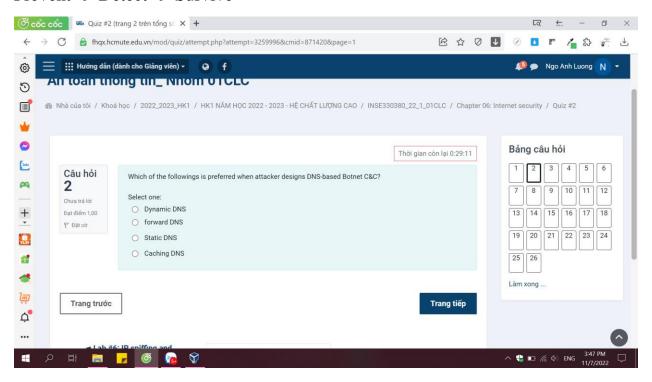
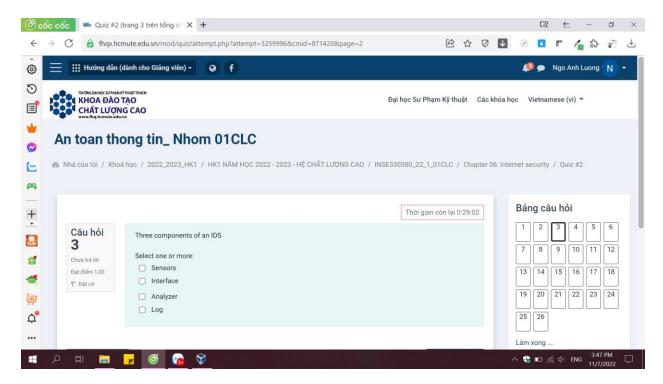


Prevent → Detect → Survive



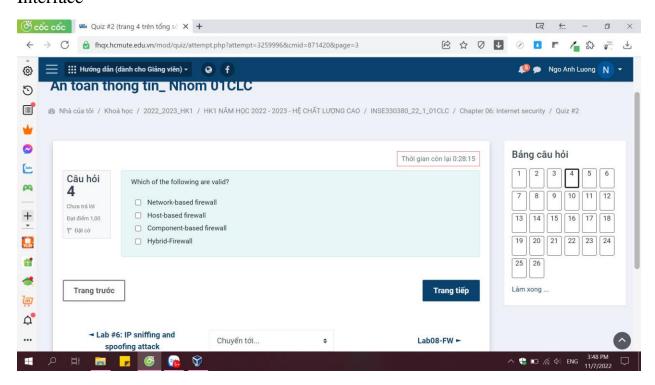
Dynamic DNS



Sensors

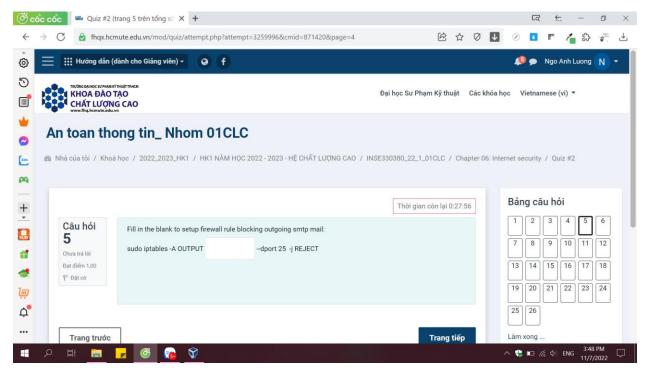
Analyzer

Interface

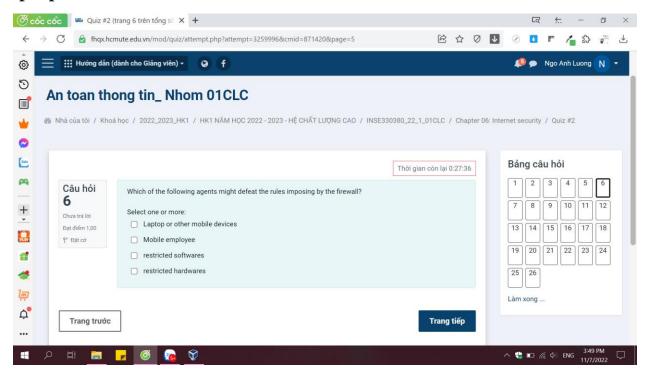


Bo component-based firewall

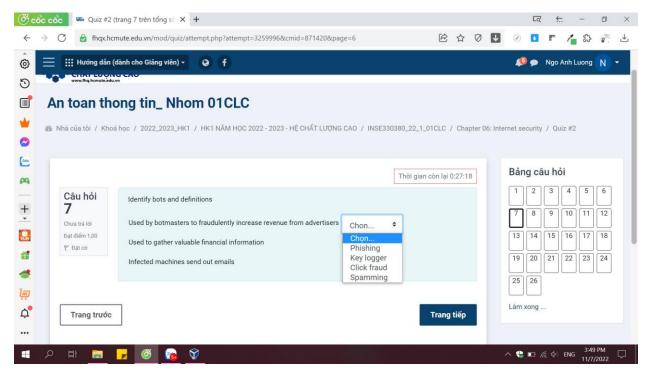
Maybe có hybrid



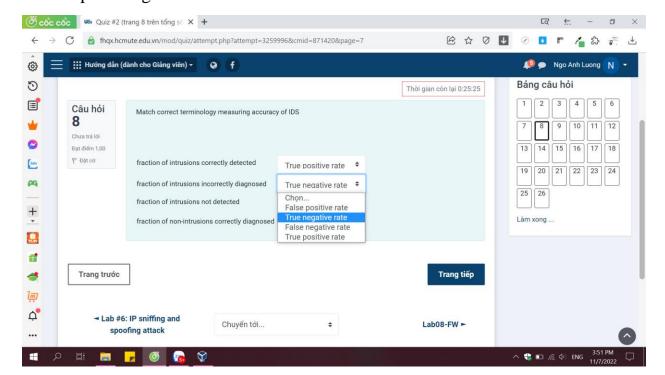
-p tcp



Mobile employee restricted softwares

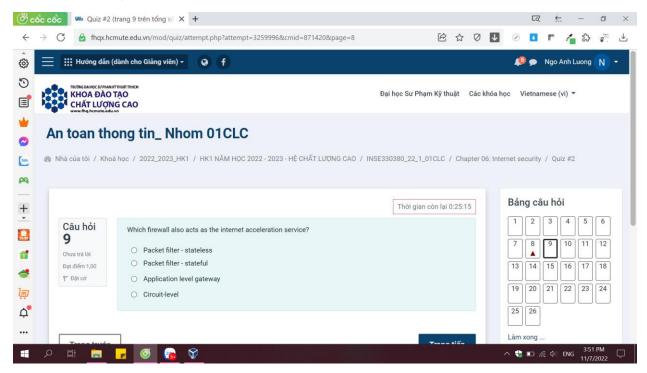


- 1. Click fraud
- 1. Spamming
- 2. Phishing
- 2. Click Fraud3. Phishing
- 3. Spamming

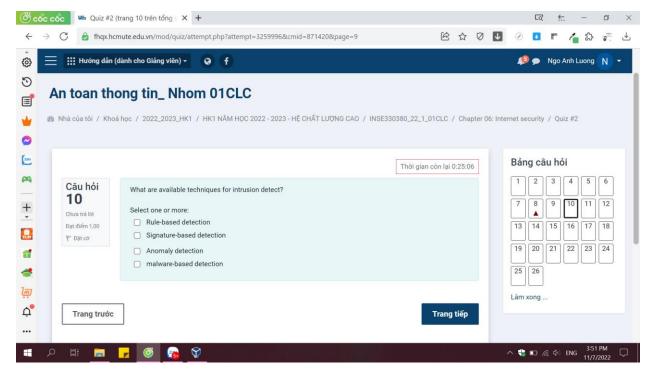


1. True positive rate

- 2. False negative rate
- 3. False positive rate
- 4. True negative rate

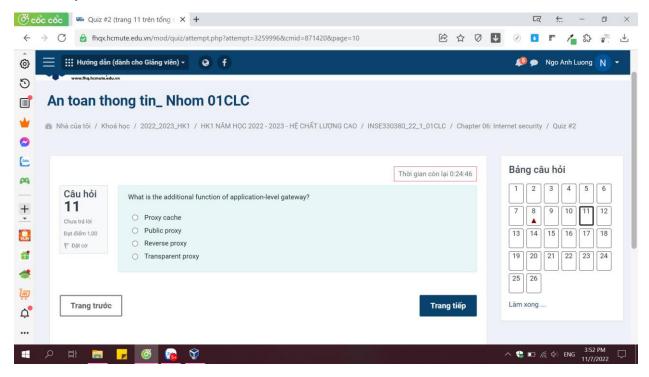


Packet filter – stateless (maybe)

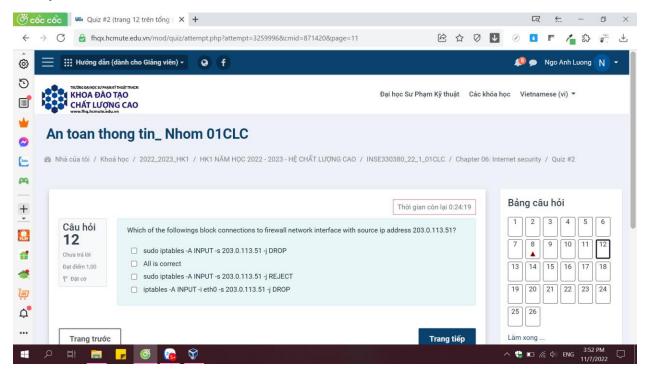


Signature-based detection

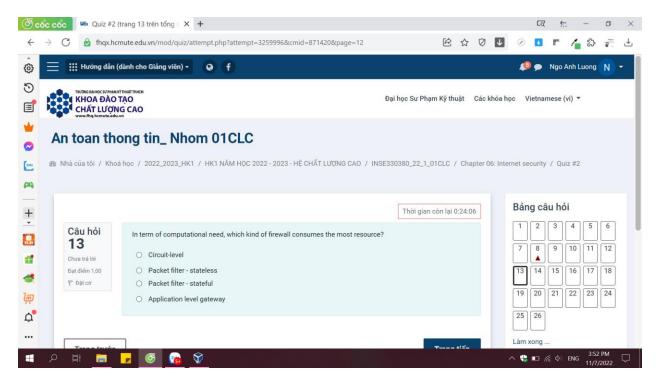
Anomaly detection



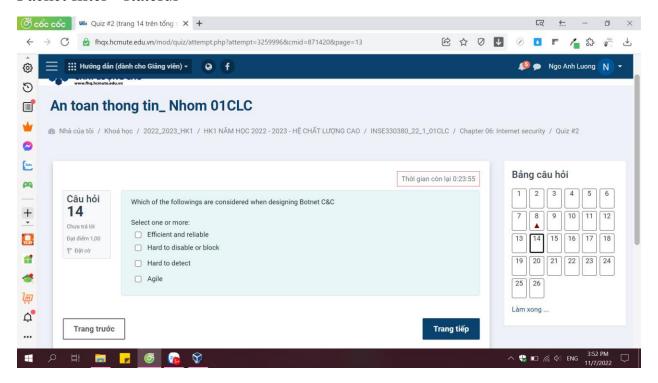
Proxy cache (Khoa Lolllll)



Sudo iptables -A ... REJECT



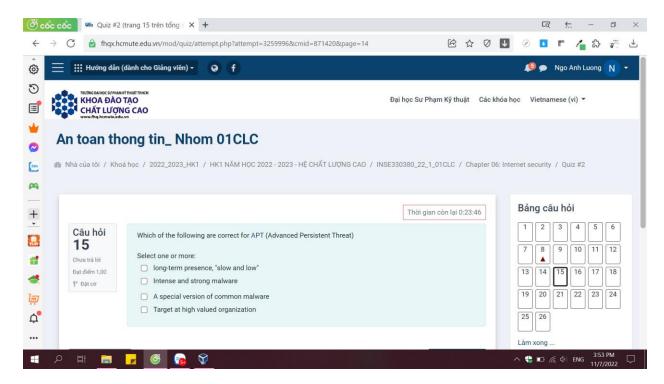
Packet filter - stateful



Hard to detect

Hard to disable or block

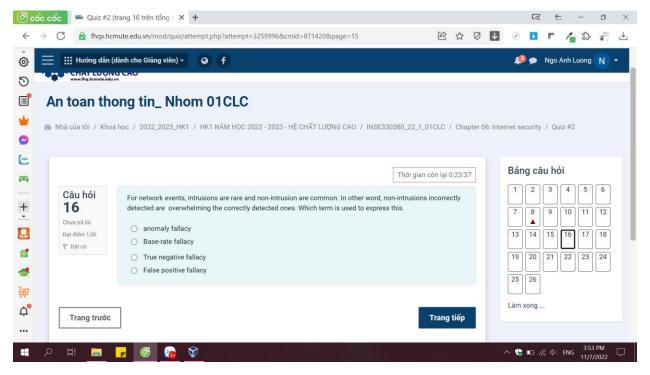
Efficient and reliable



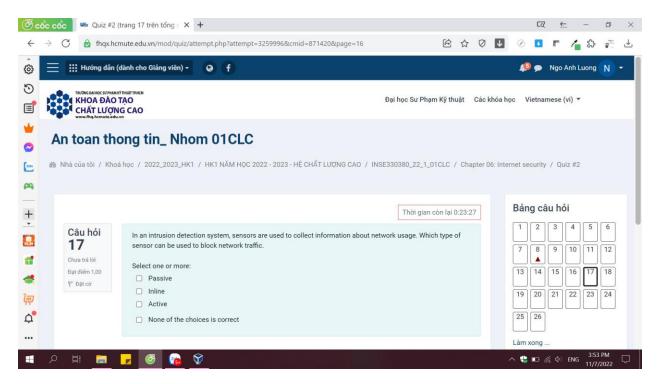
Long-term ..

A special..

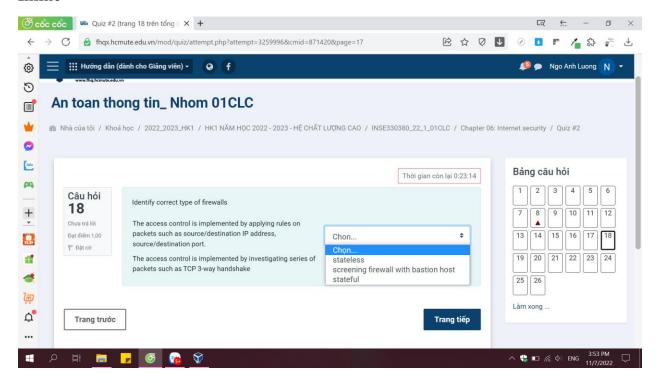
Target a high..



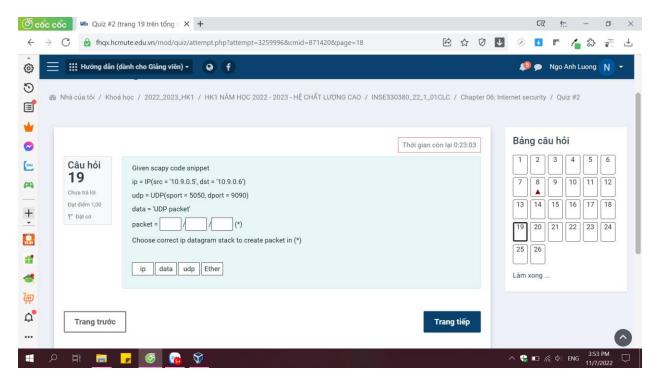
Base-rate fallacy



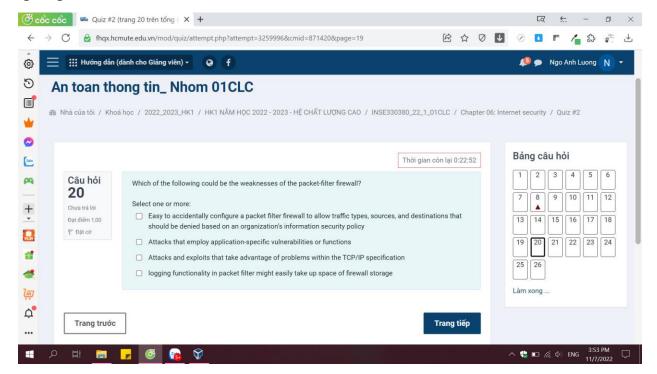
Inline



- 1. Stateless
- 2. Stateful



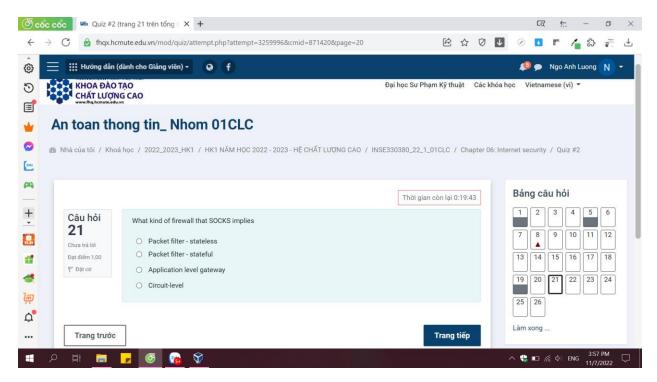
Ip/udp/data



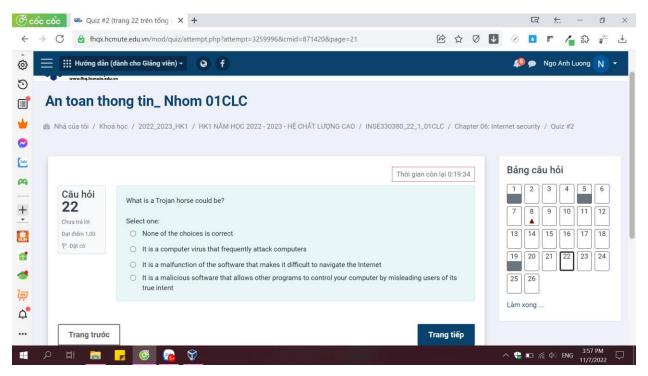
Logging functionality...

Attacks that employ...

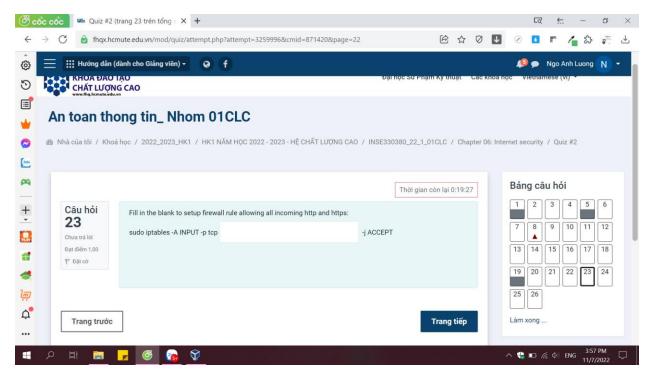
Attacks and exploits...



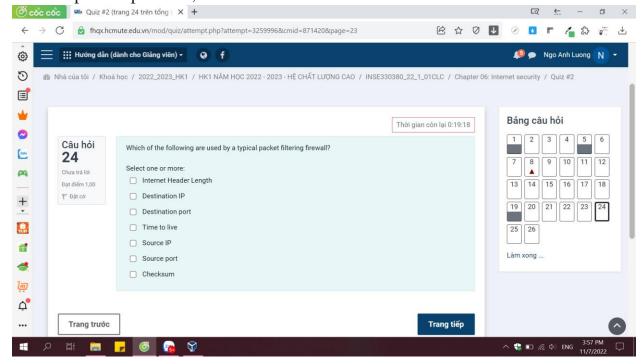
Circuit-level



Dài nhất



-m multiport --dports 80,443

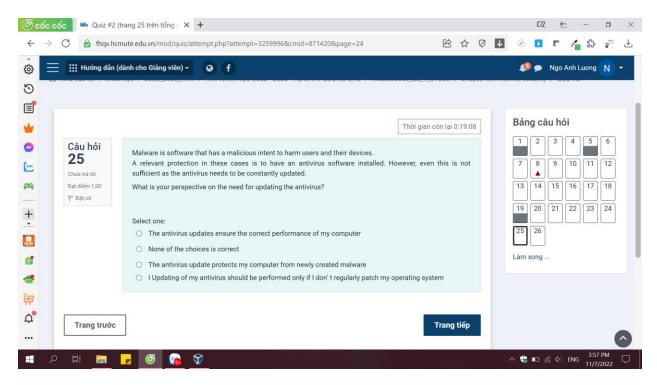


Source Ip

Destination Ip

Des port

Source port



The antivirus... newly created malware