# DNS TUNNELING DETECTOR

Running Simulation Presentation

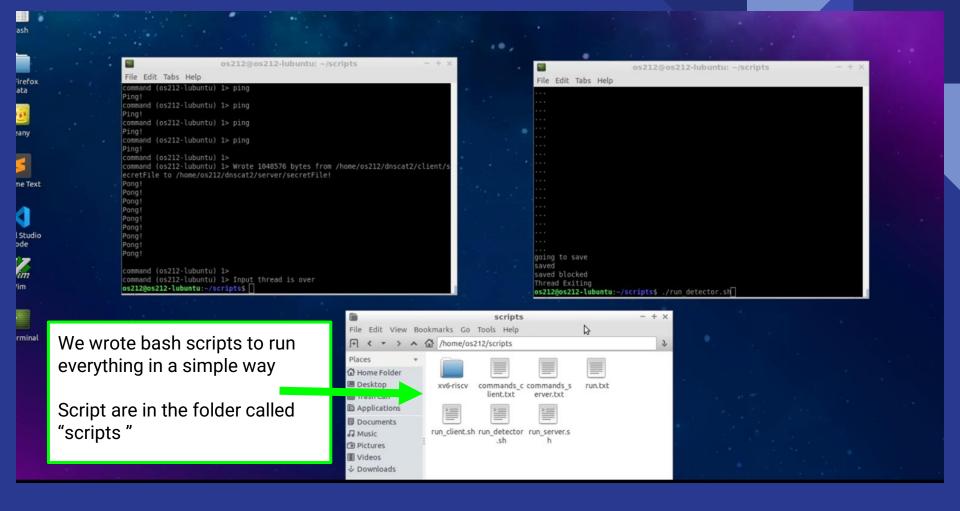
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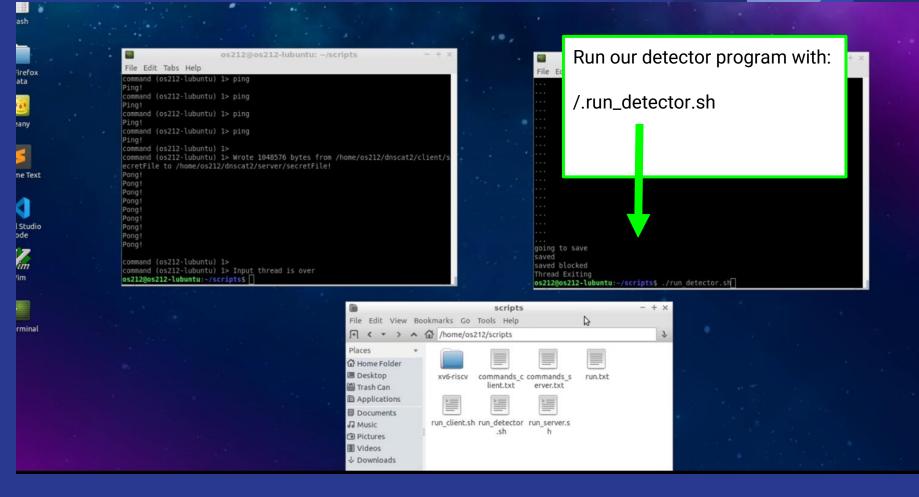
Omer Bornstein, Alex Degtiariov

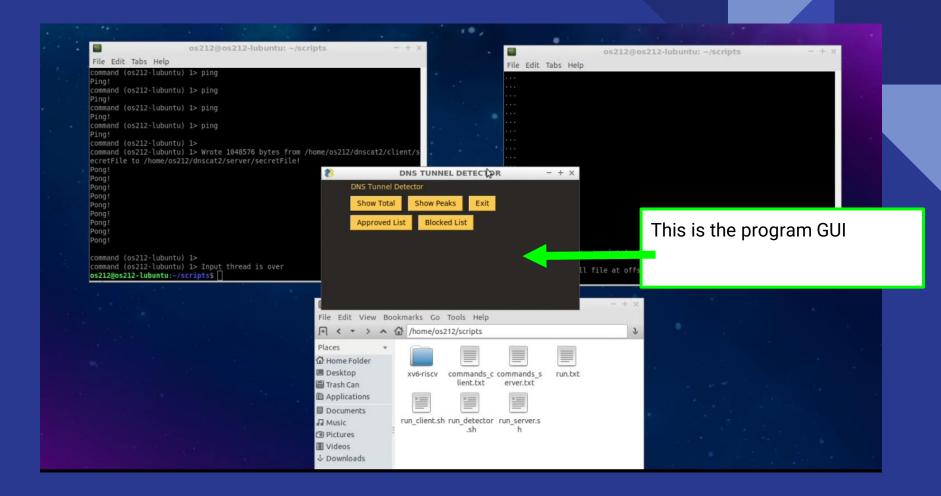
### Programs showed in this running example:

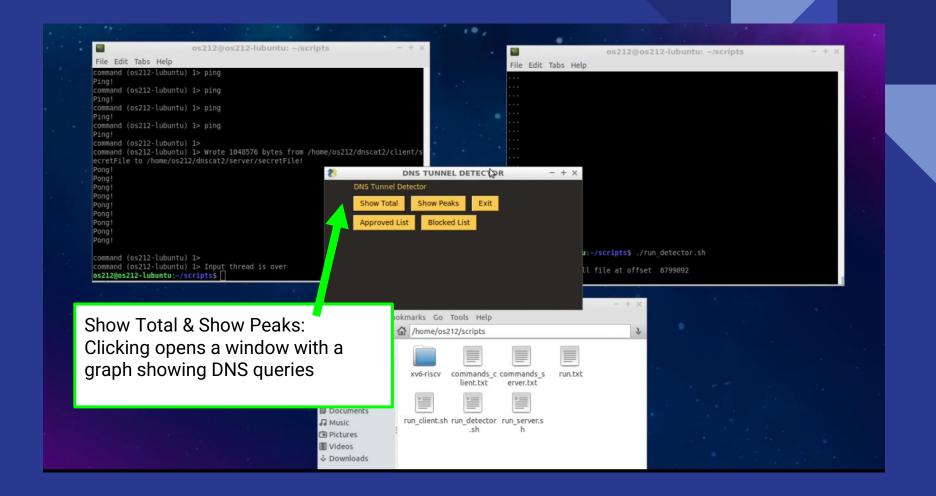
- DNS server dnsmasq
- DNS Tunnel:
  - Client dnscat client
  - Server-dnscat server
- DNS detector- Designed by us

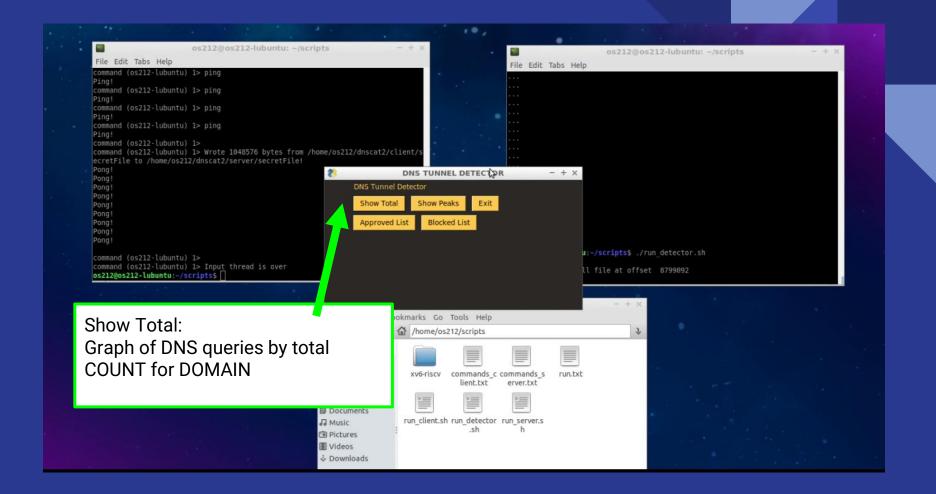
- Goals of the running simulation:
  - ☐ Explain the program's GUI
  - ☐ Explain how to run the simulation
  - ☐ Detect DNS tunnel in real time
  - □ Block the DNS tunnel

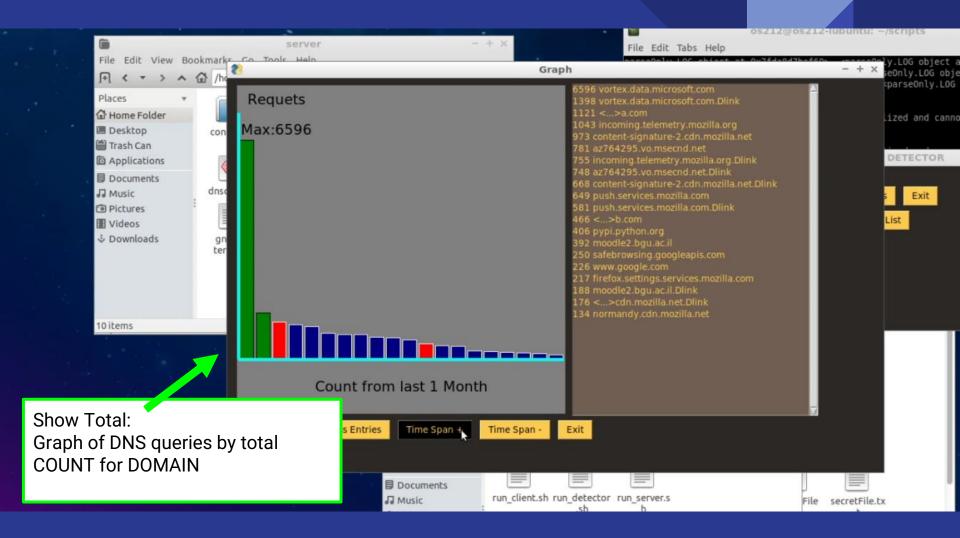


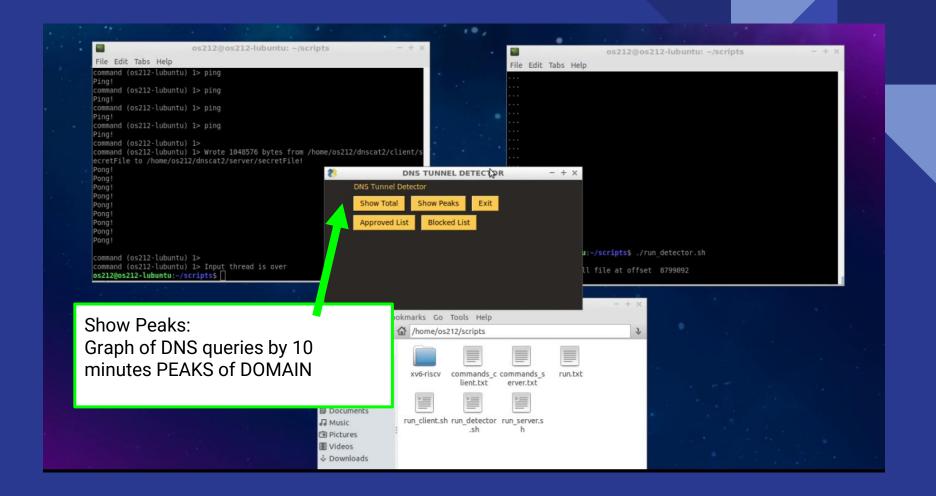


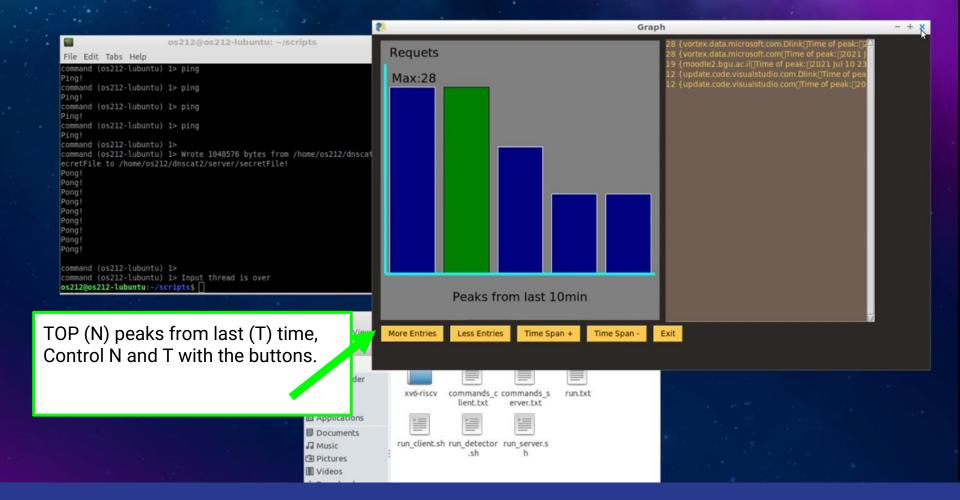


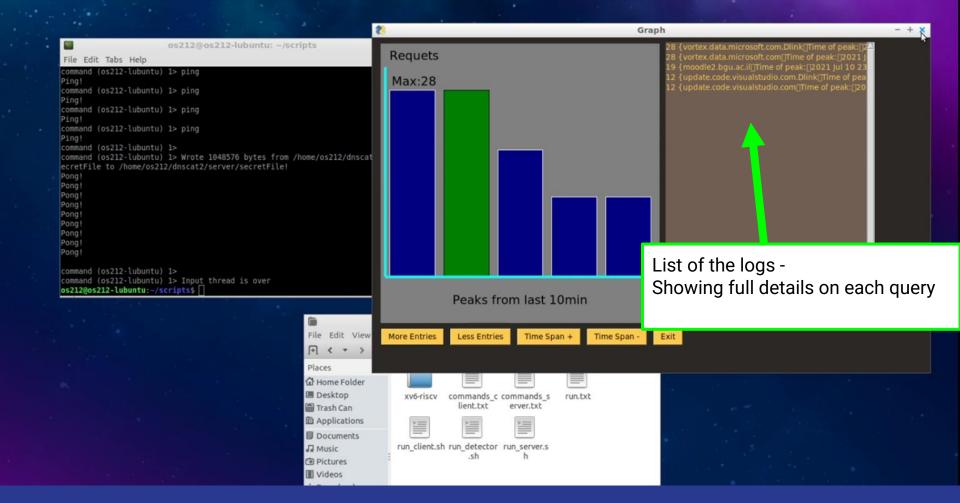


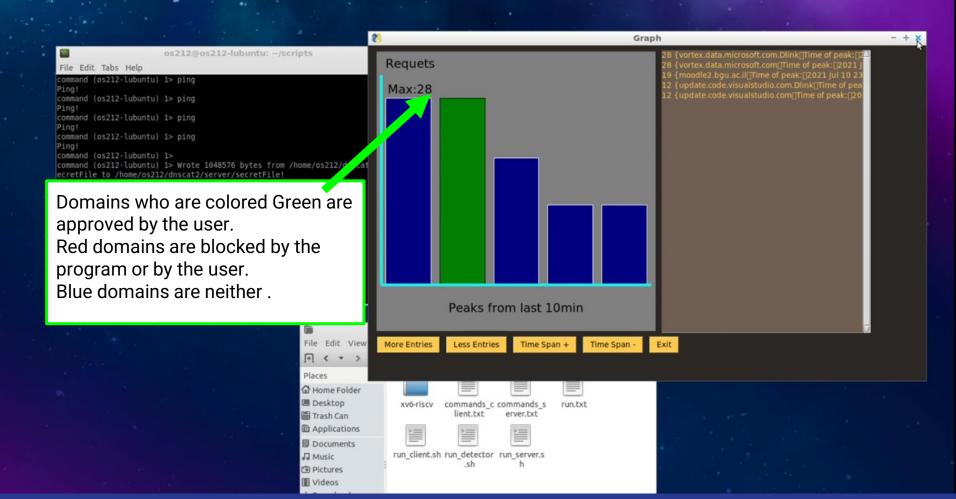


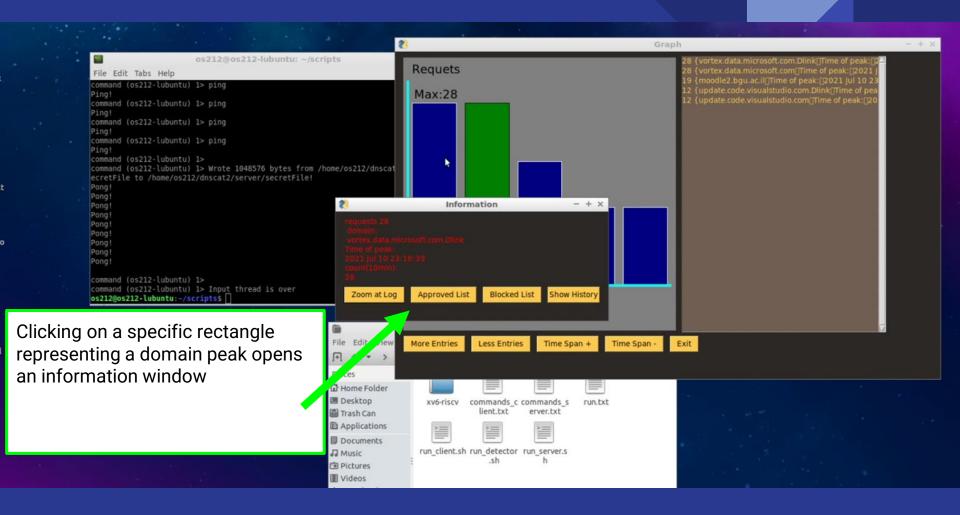


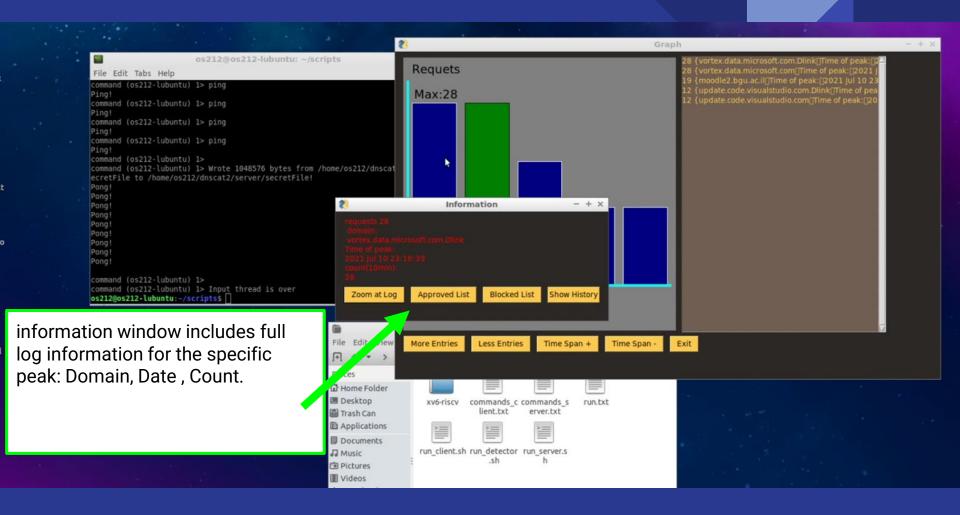


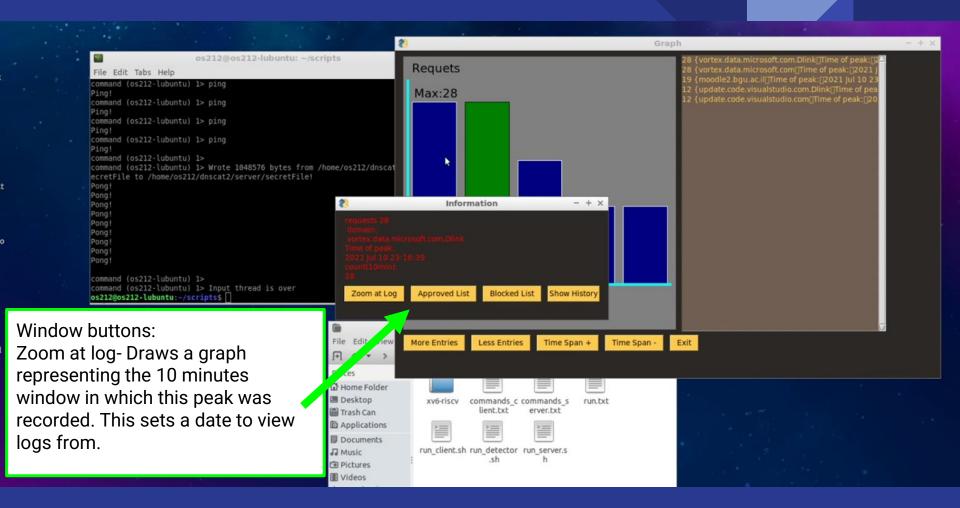


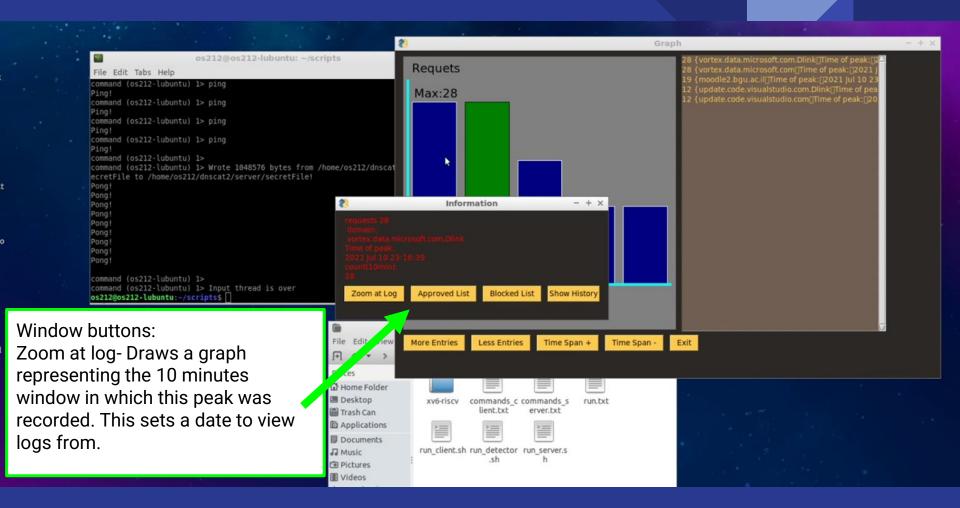


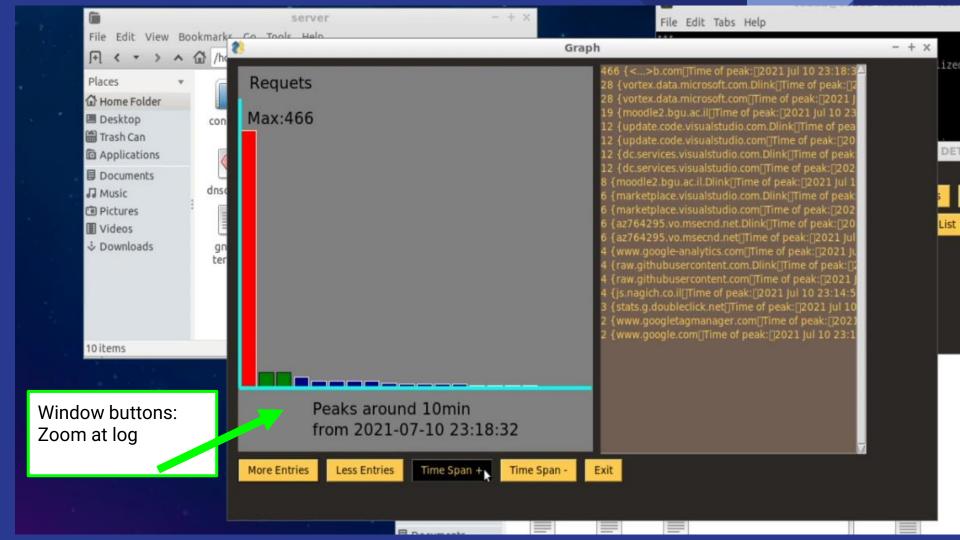


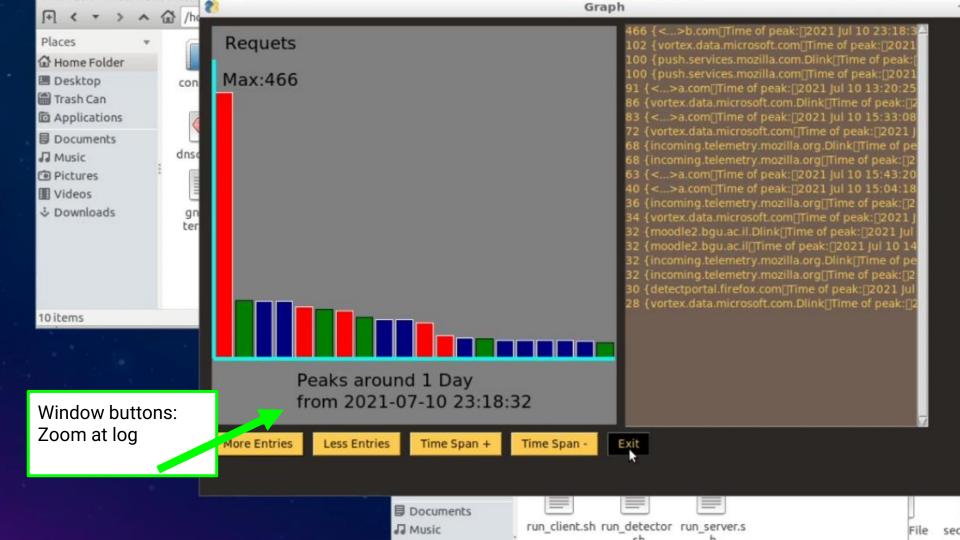


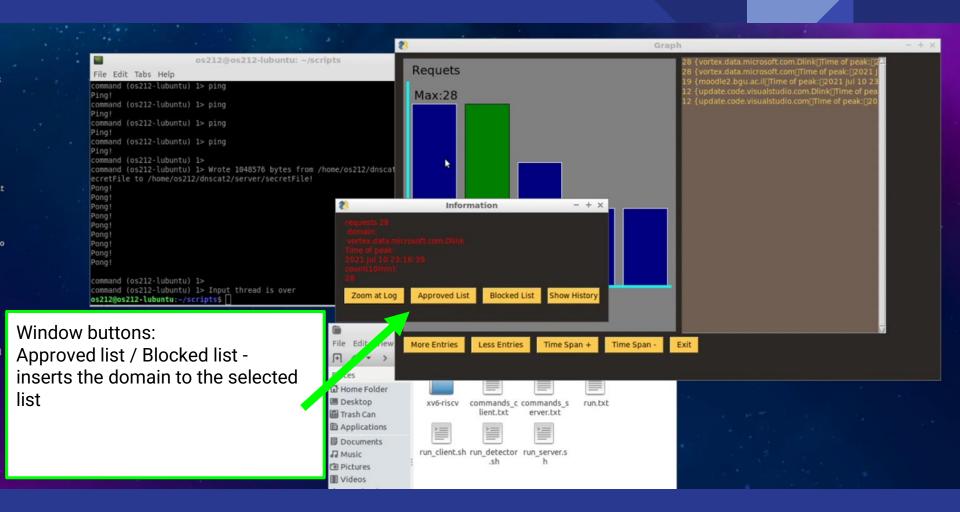


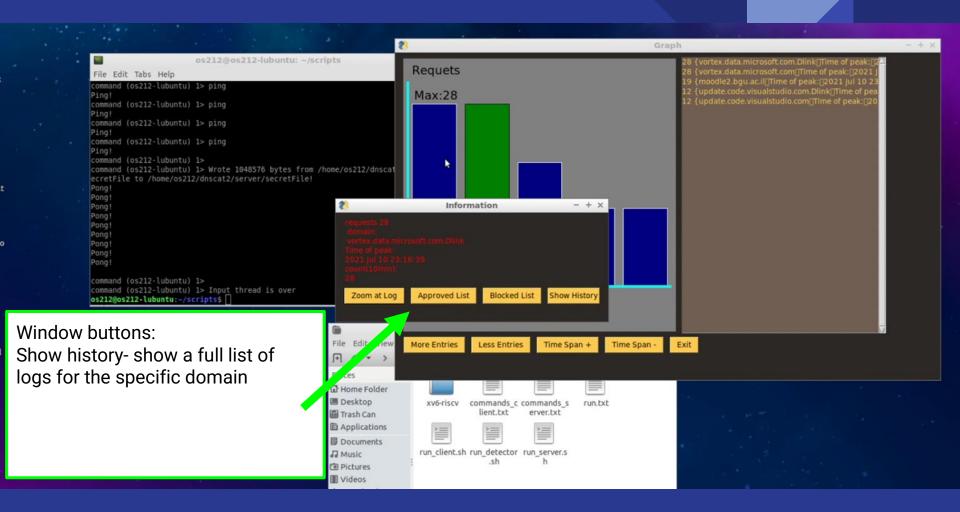


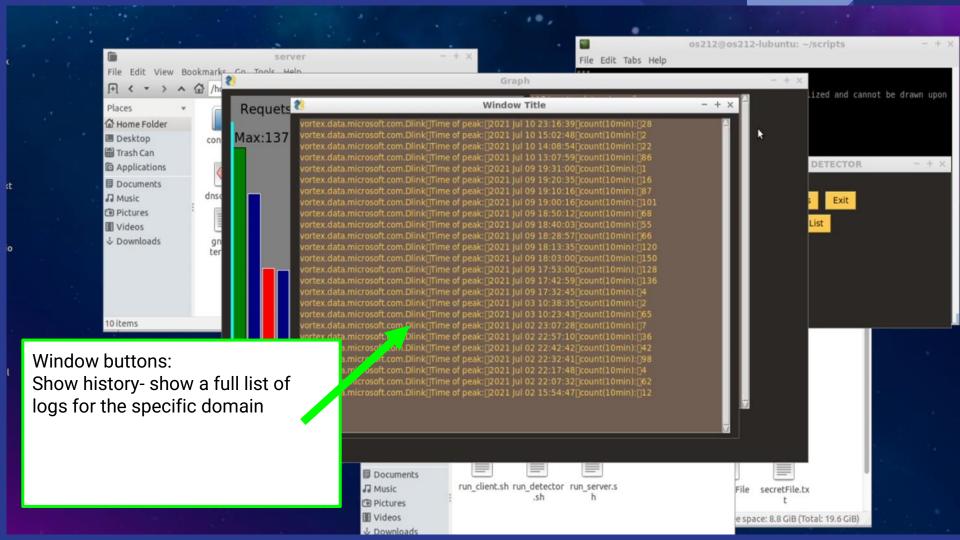


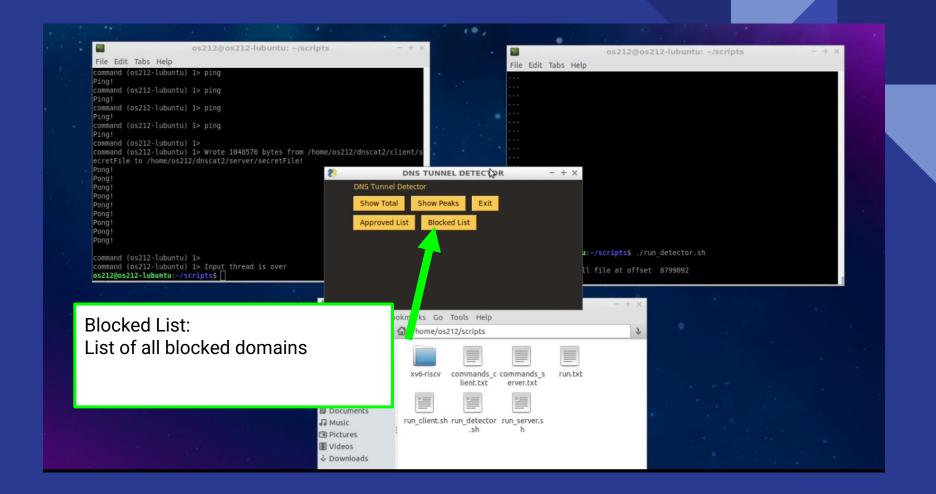


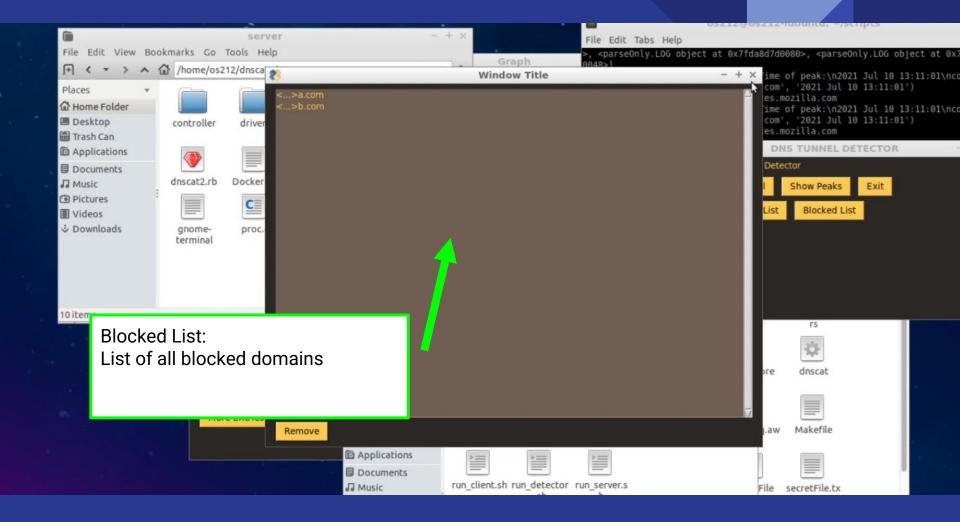


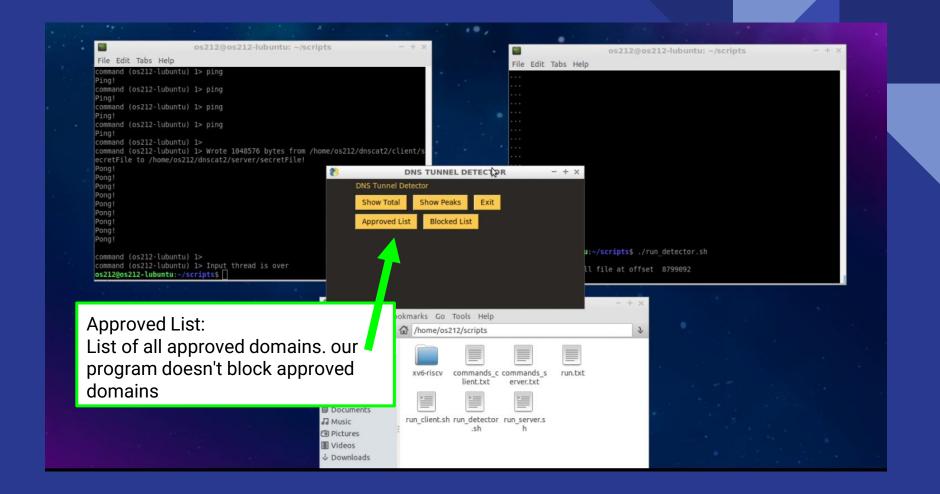


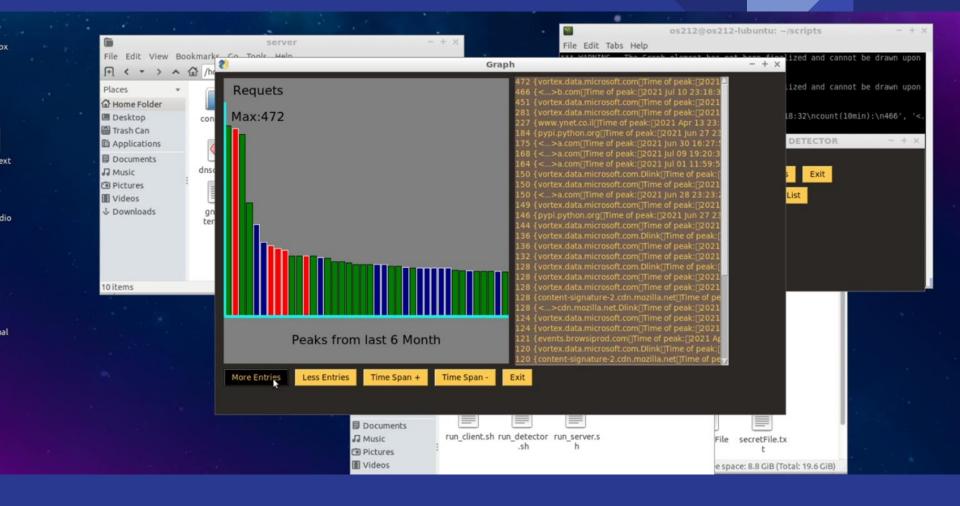




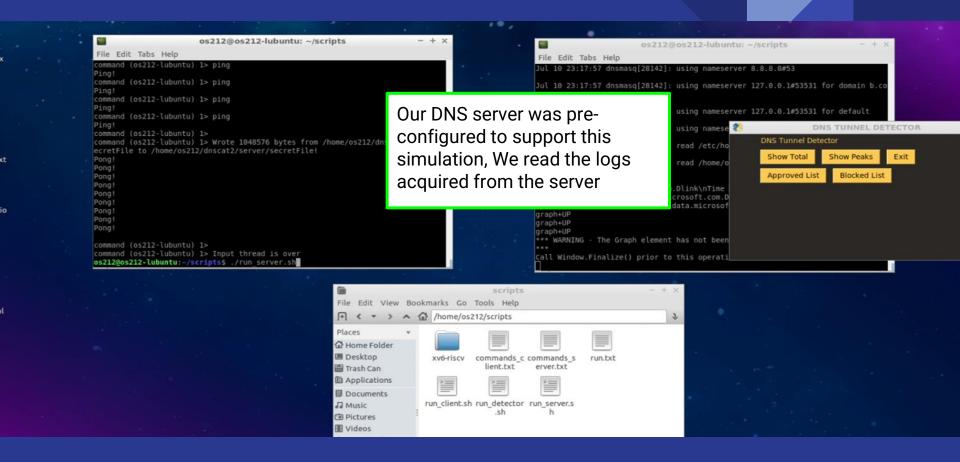


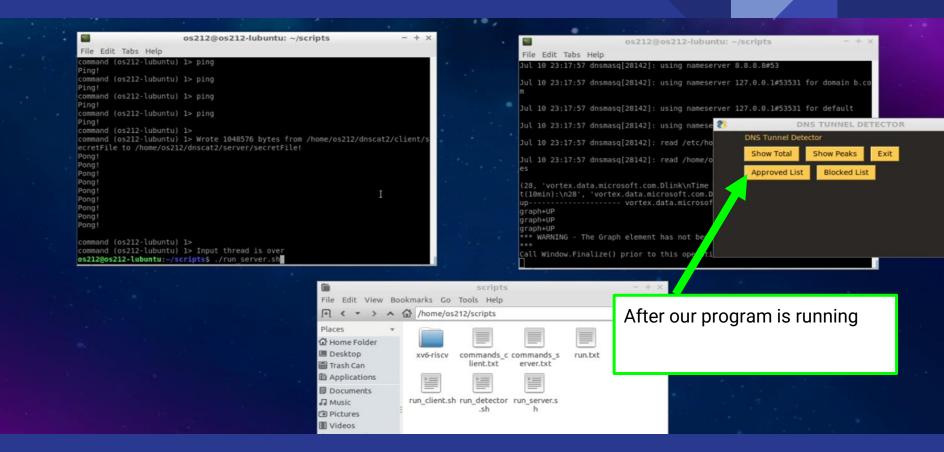


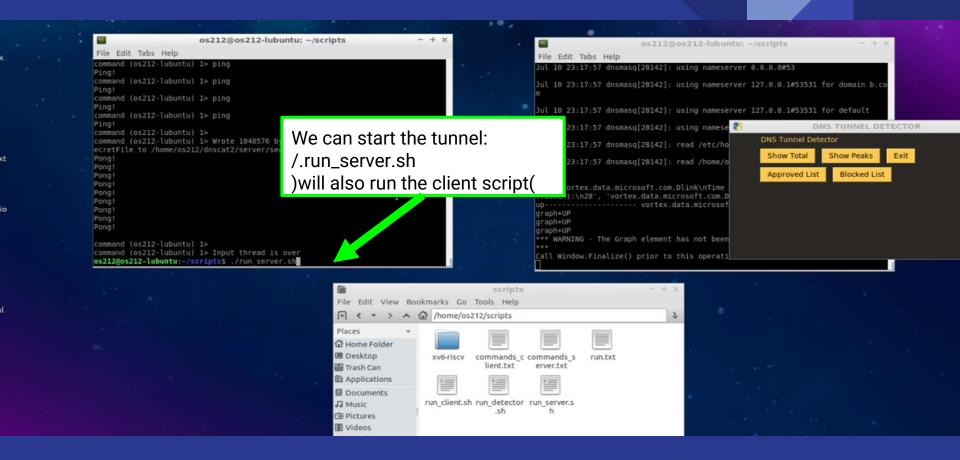




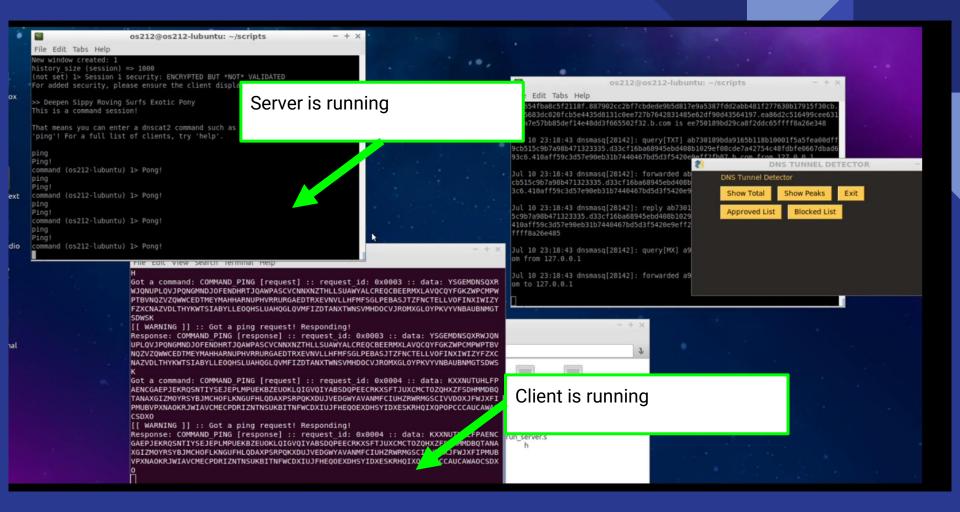
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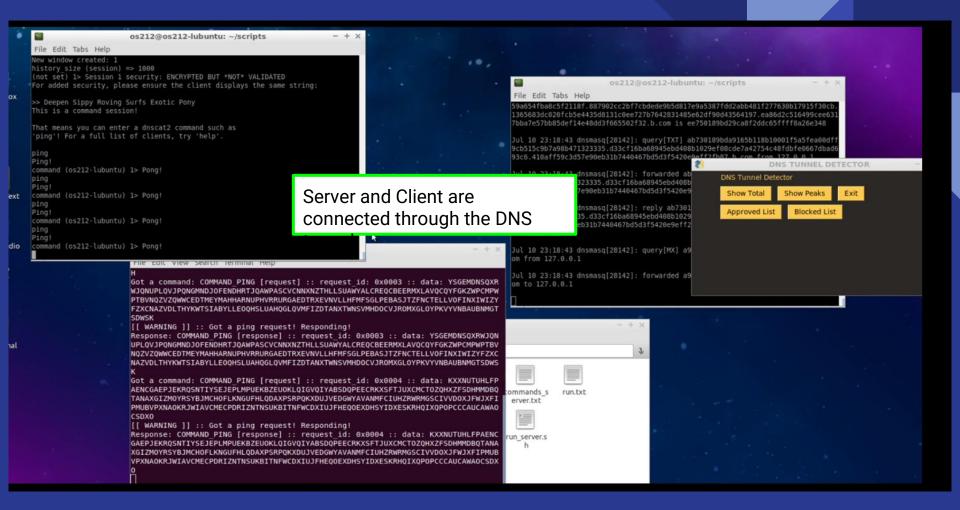


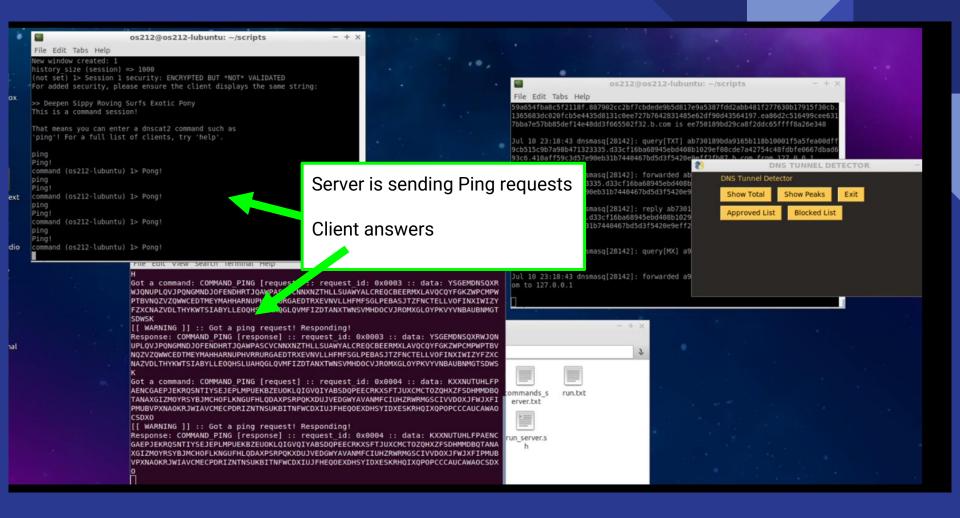


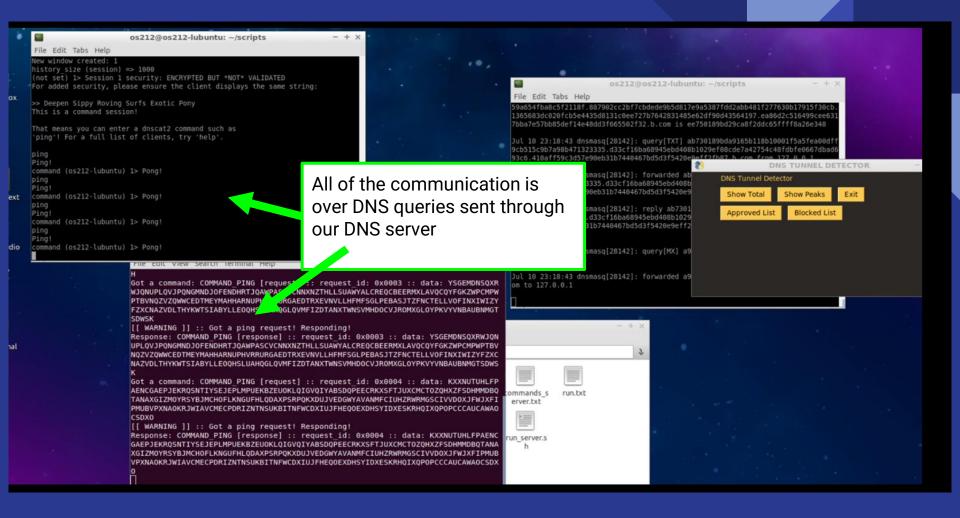


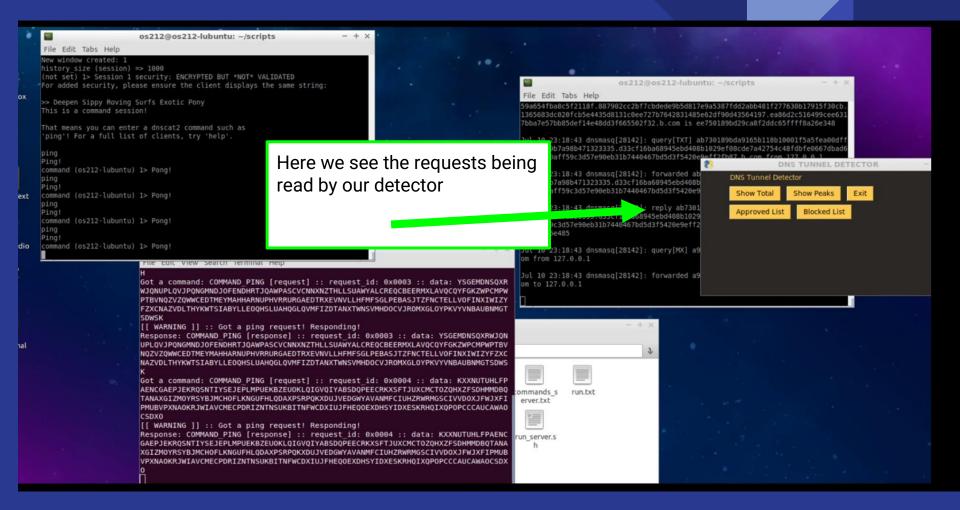
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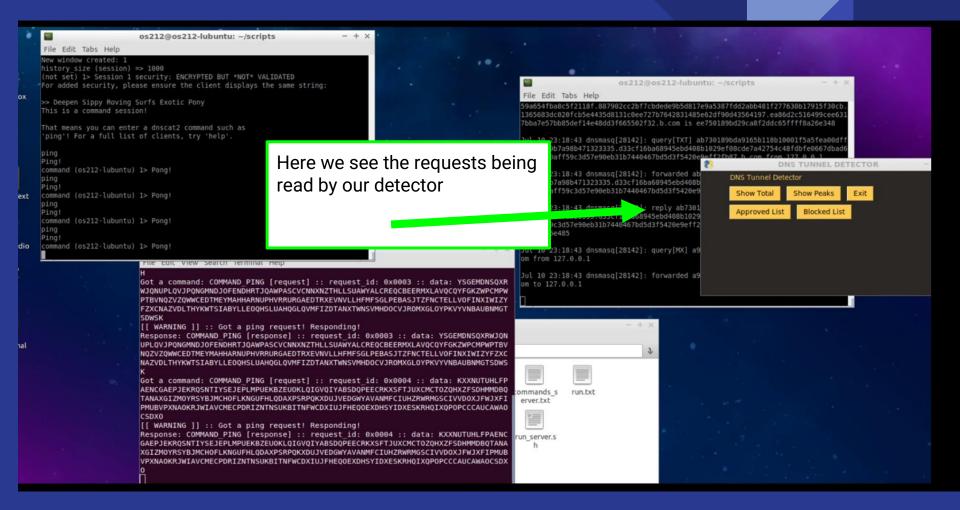


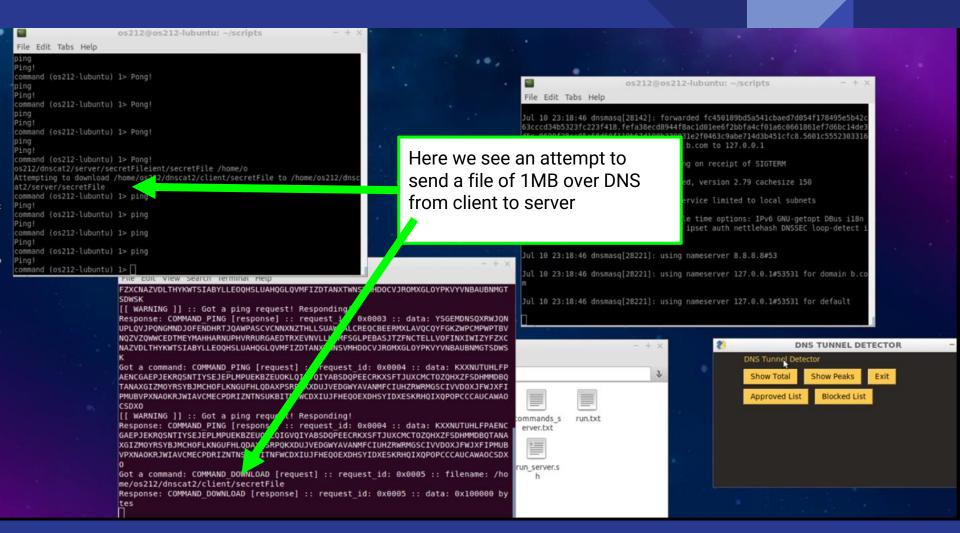


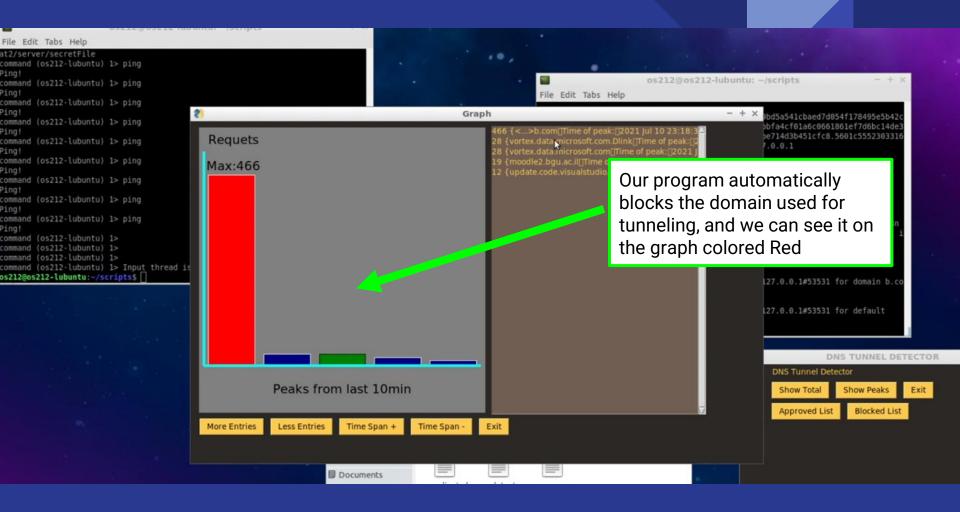


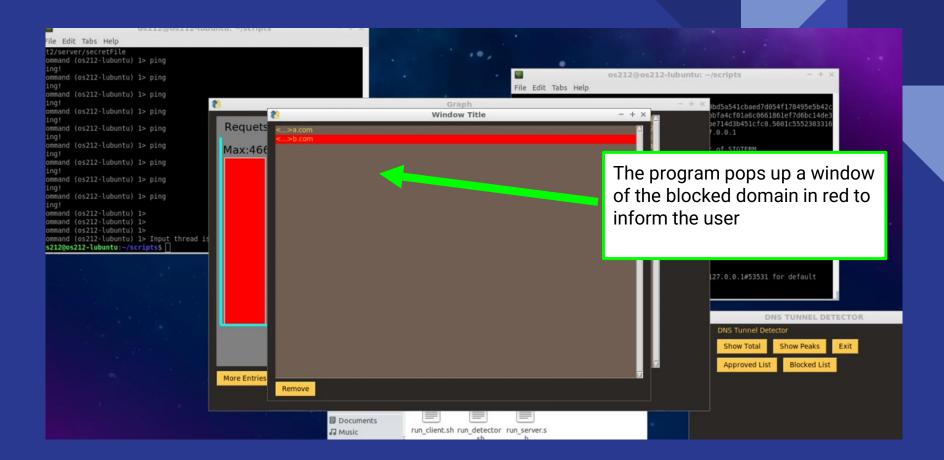


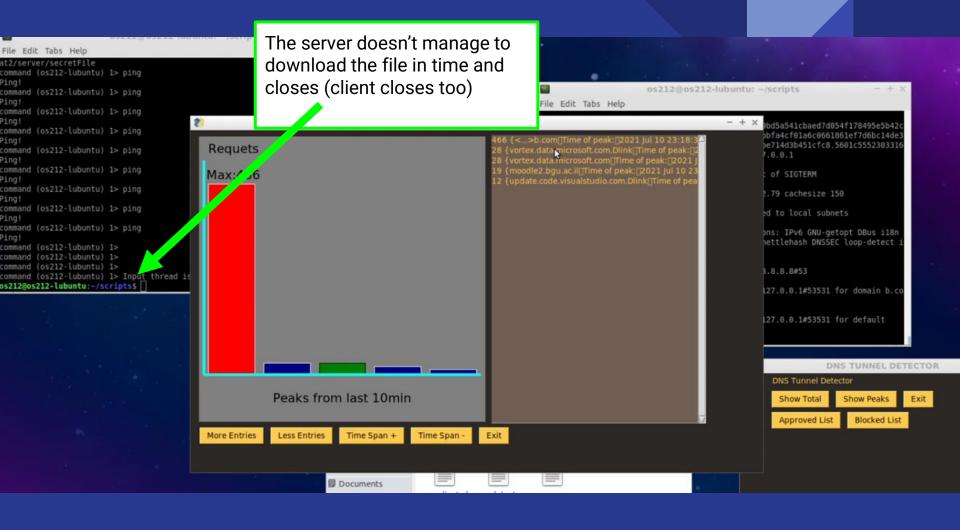


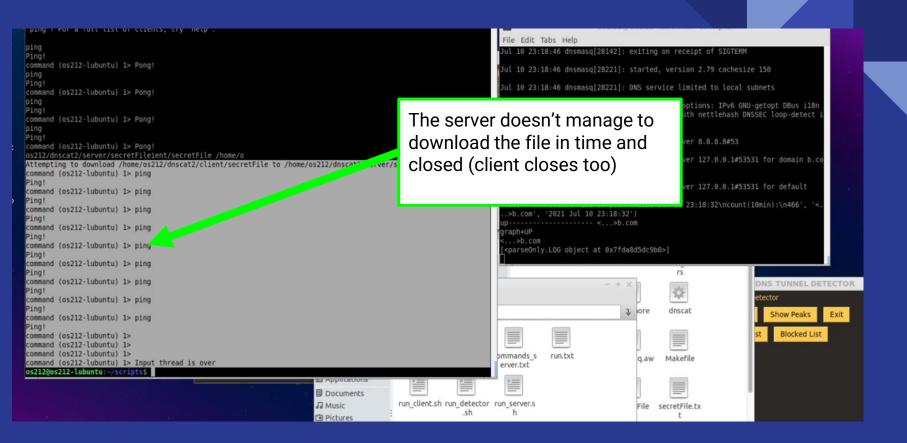


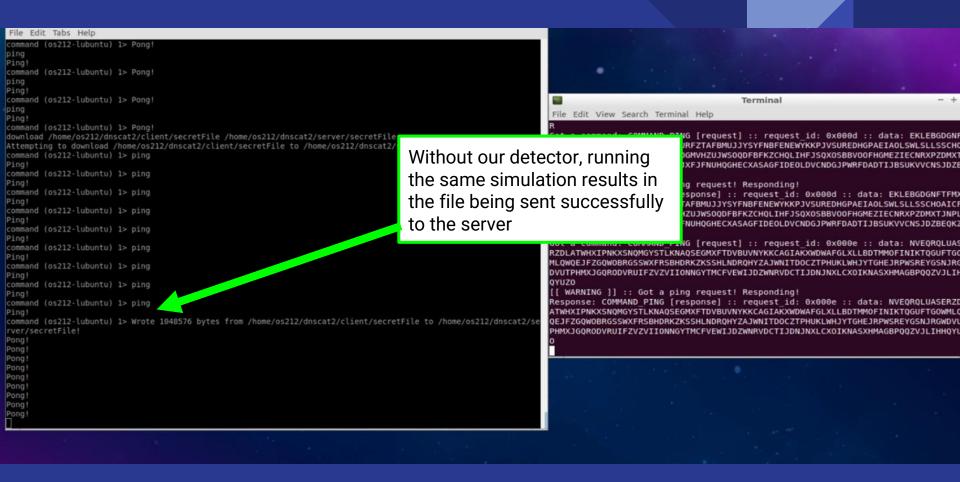












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**Running Simulation Presentation** 

**Topics in Network Security 2021** 

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