

**入侵检测与数字取证**

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**LAB7**

2020年9月26日

VPN Tunneling Lab

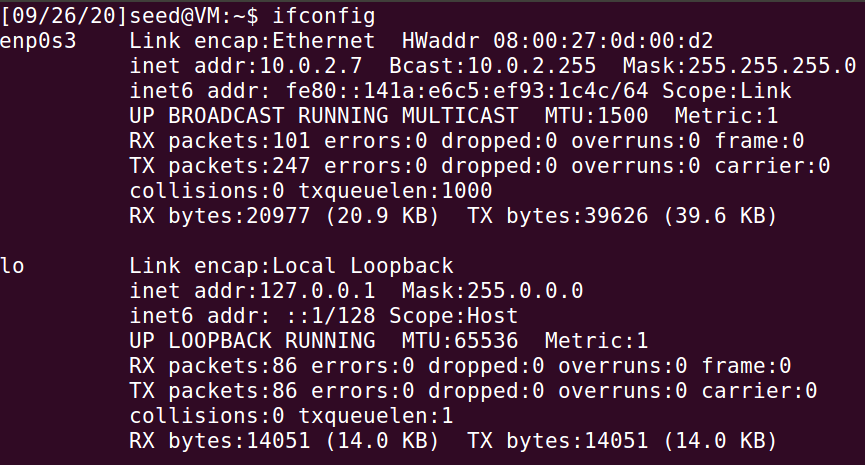
Task1: Network Setup

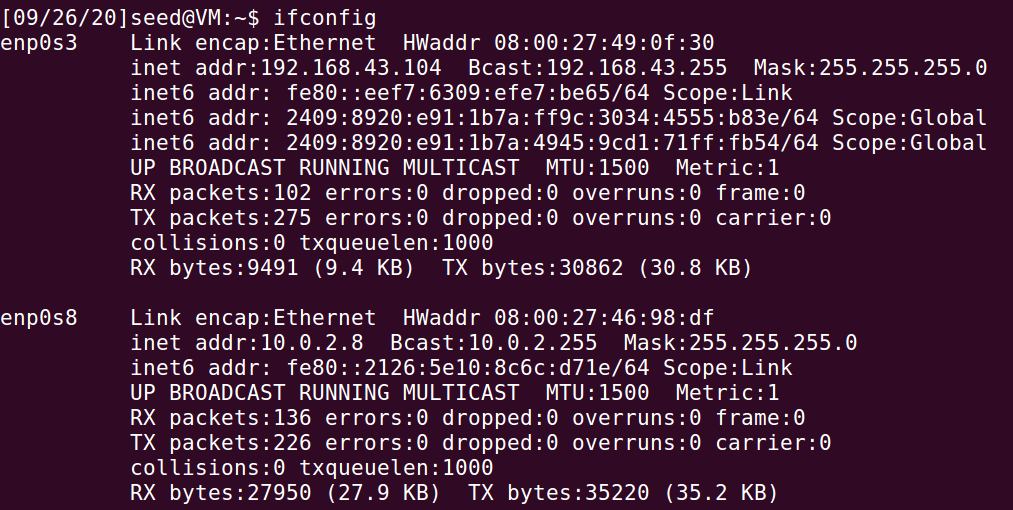
0主机U：10.0.2.7

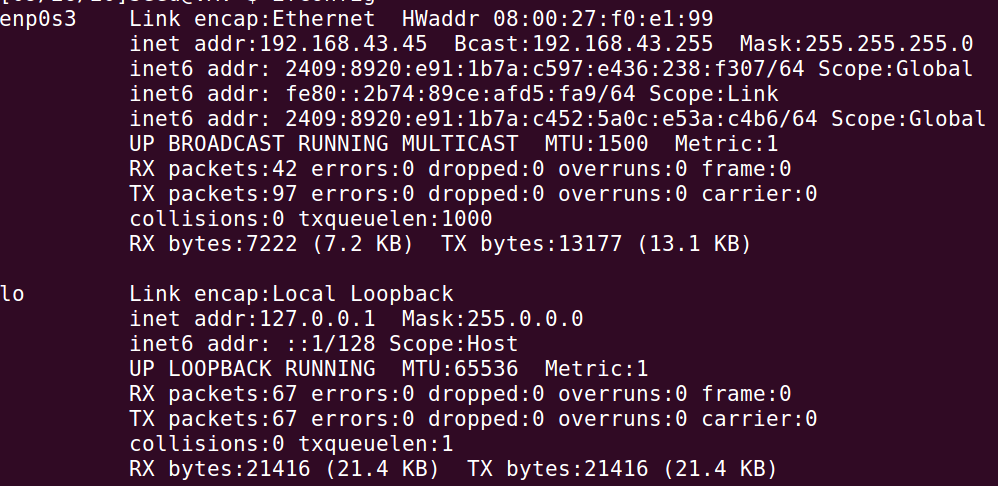
1主机B：192.168.43.104 （VPN）

1主机B：10.0.2.8 （VPN）

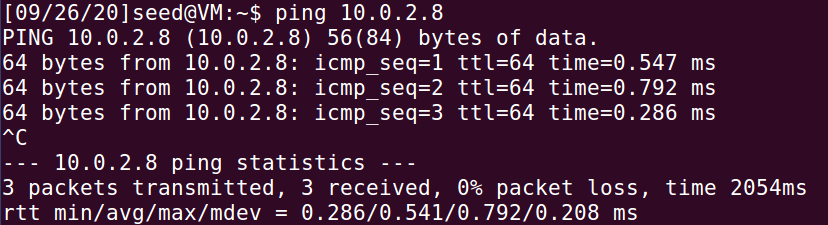
2主机V：192.168.43.45



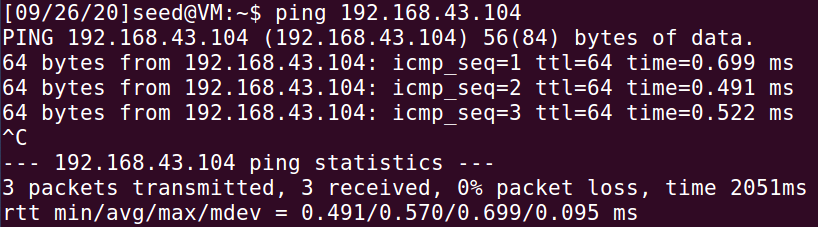




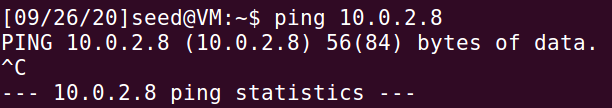
U、VPN连接成功



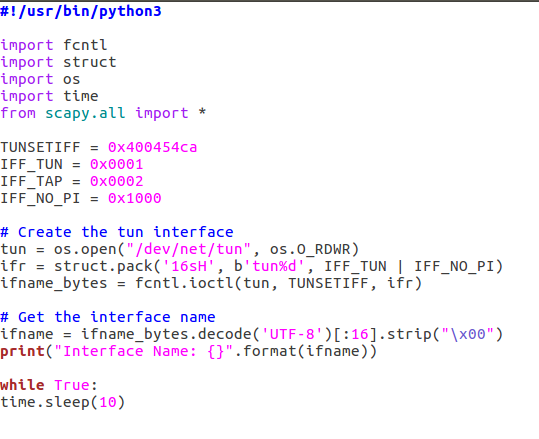
V、VPN连接成功

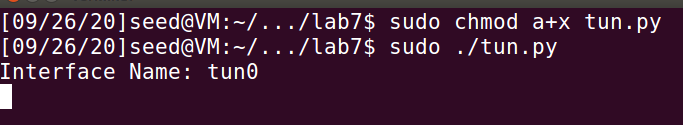


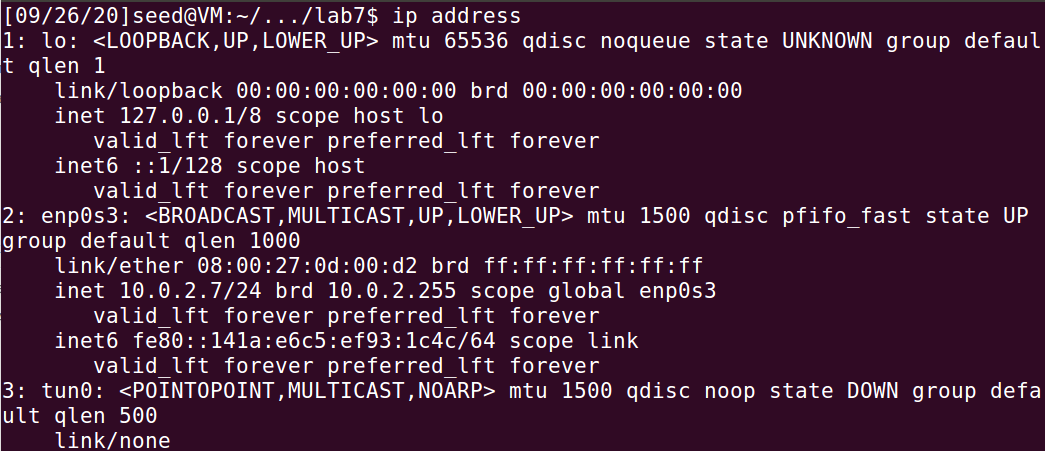
U、V连接失败

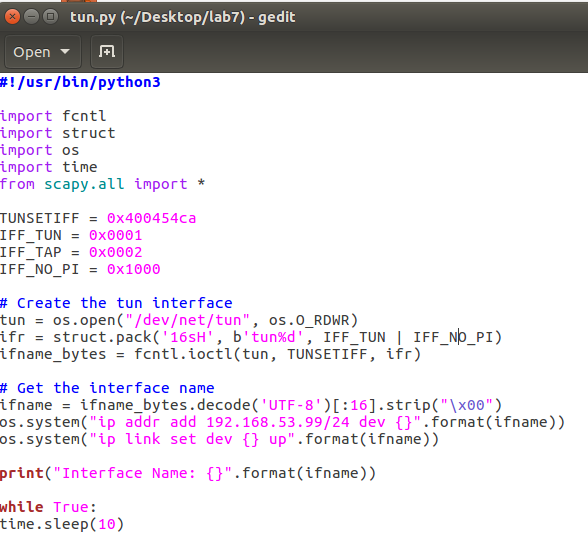


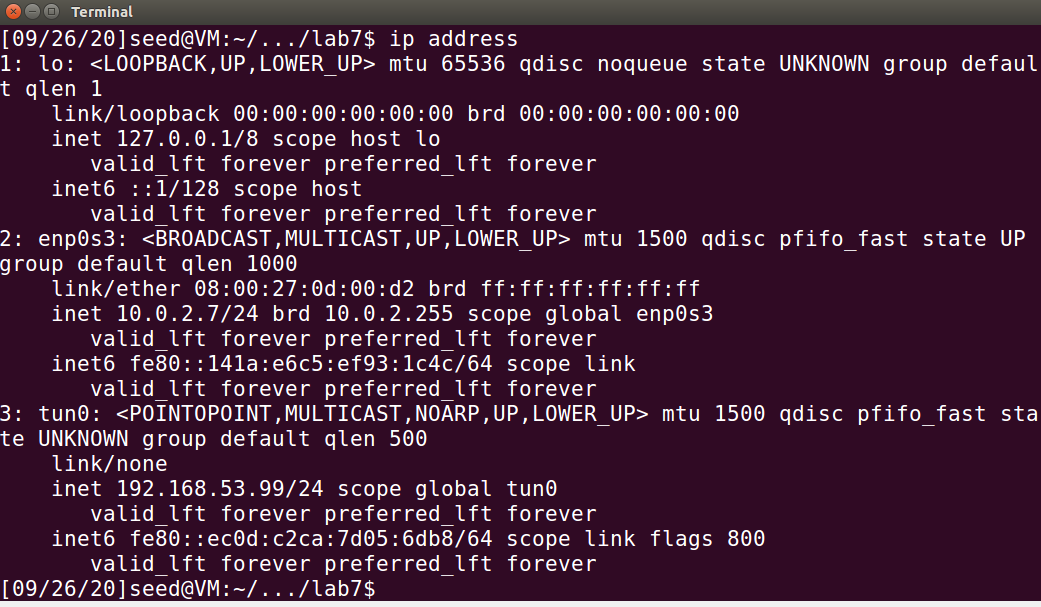
Task2: Create and Conﬁgure TUN Interface

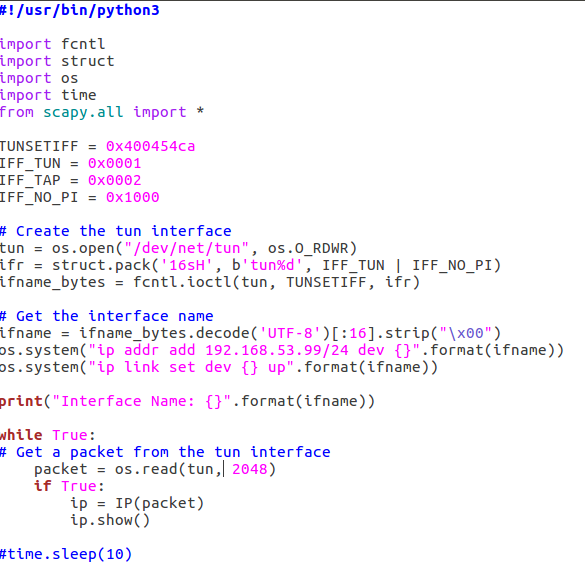


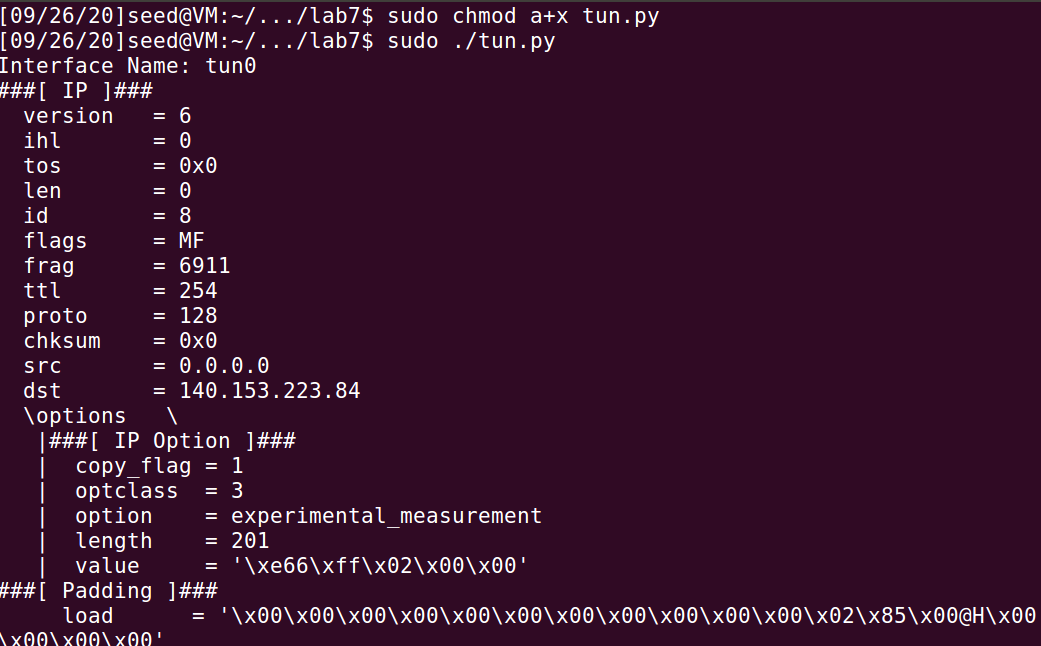


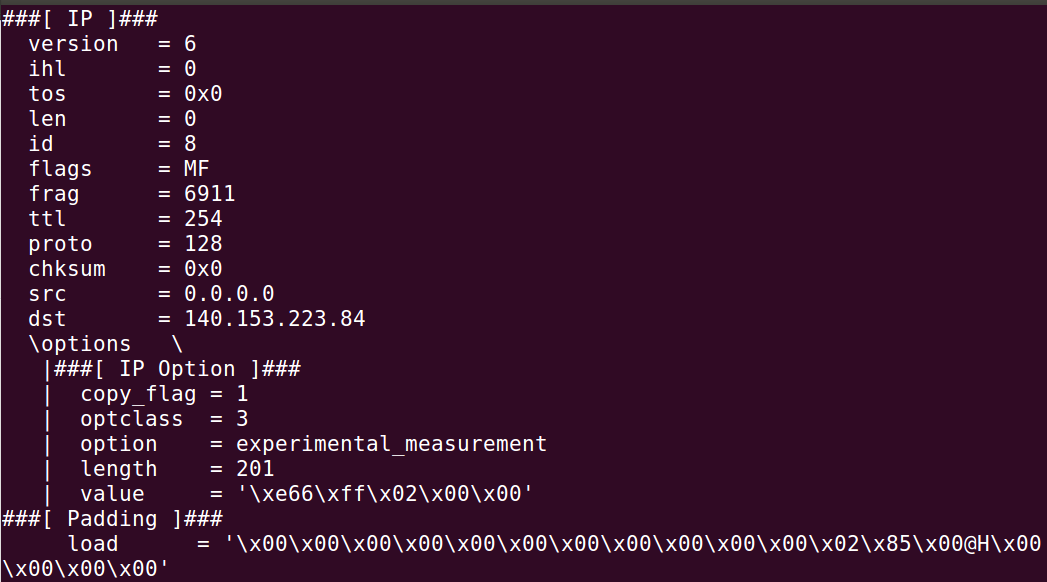


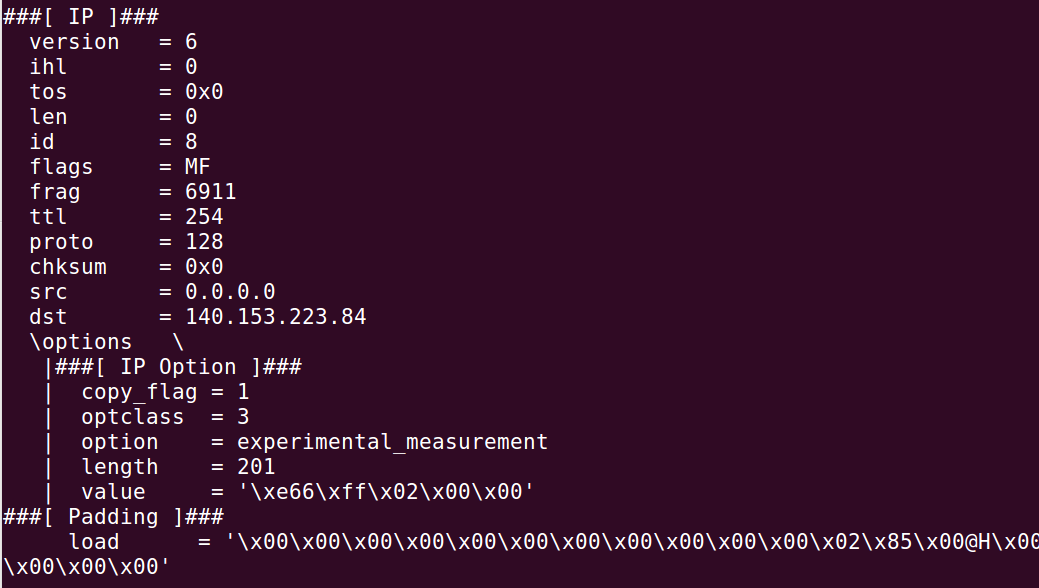


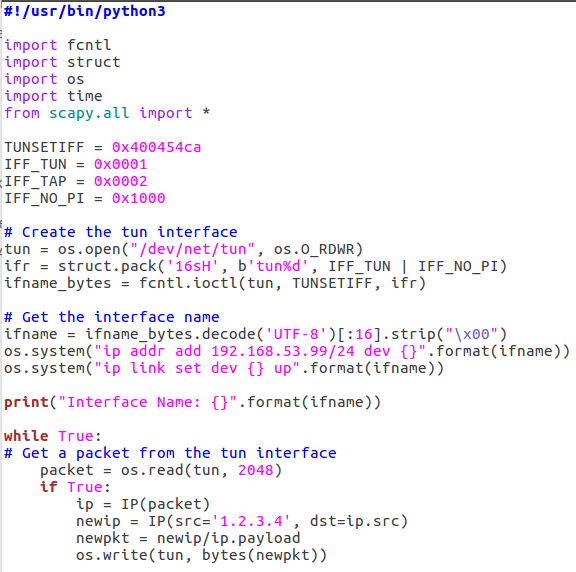


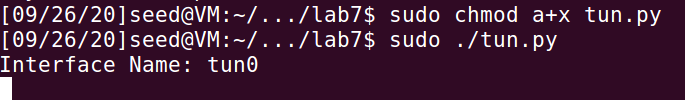


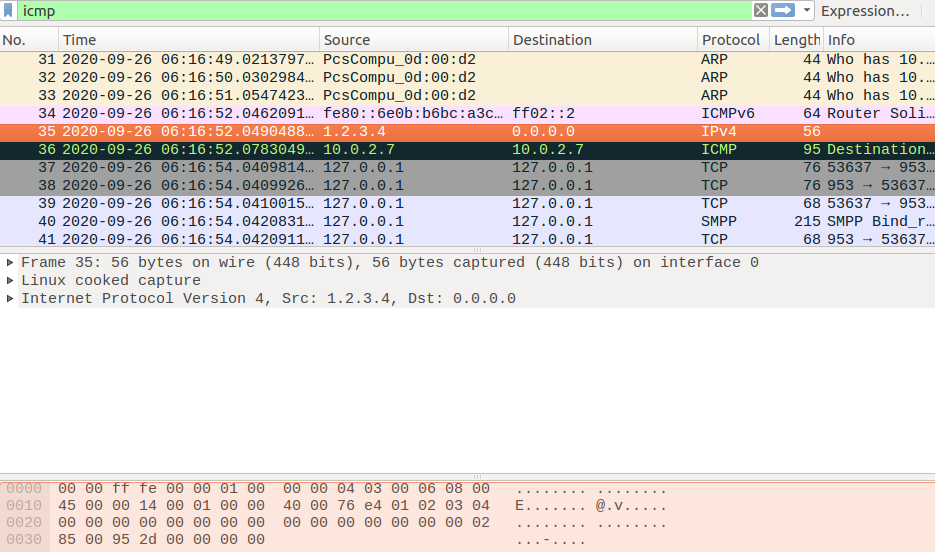




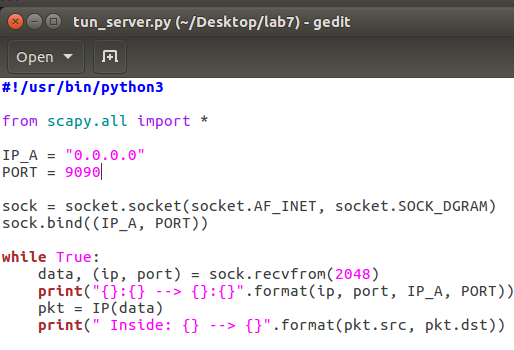


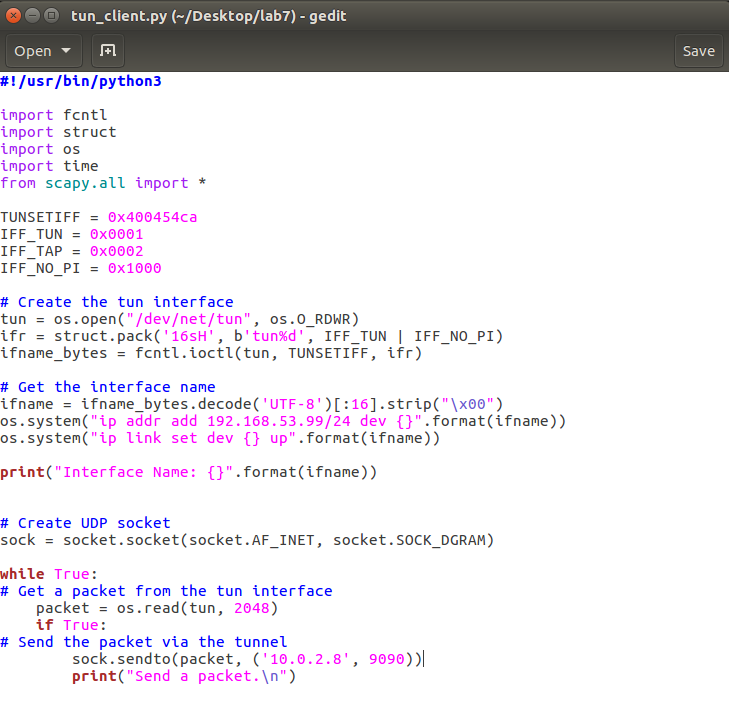


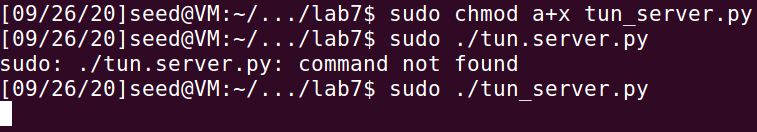


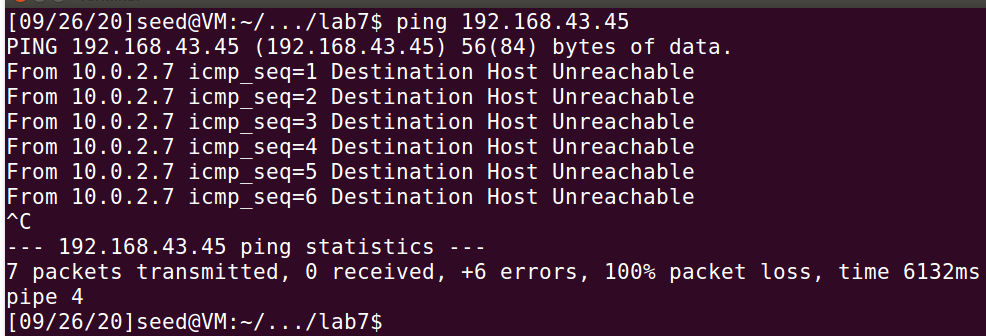


Task3: Send the IP Packet to VPN Server Through a Tunnel

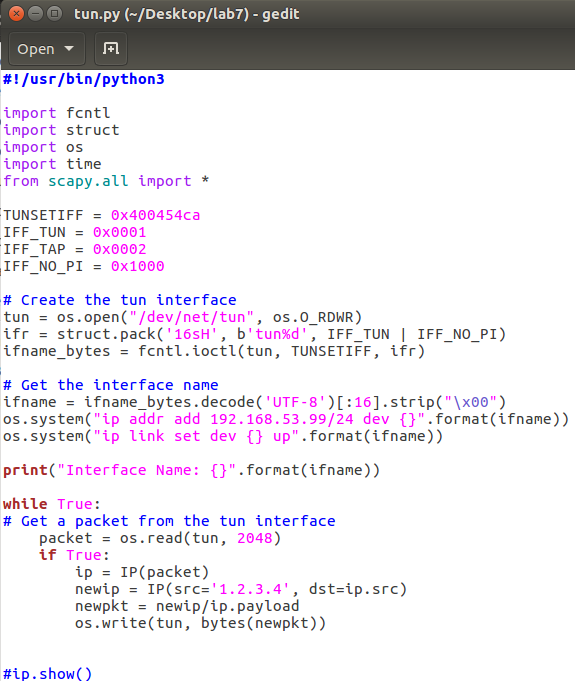




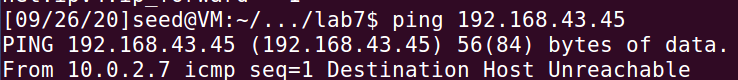


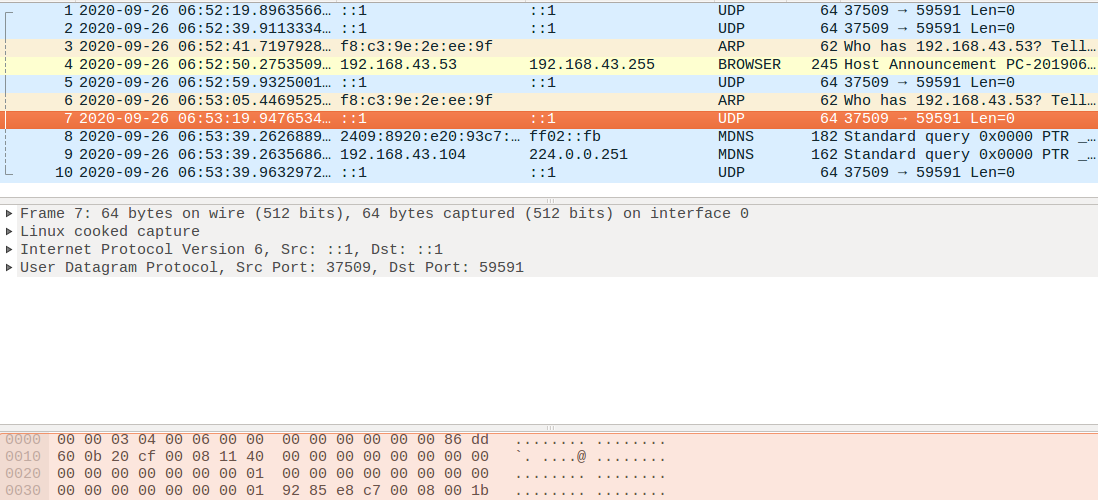


Task4: Set Up the VPN Server

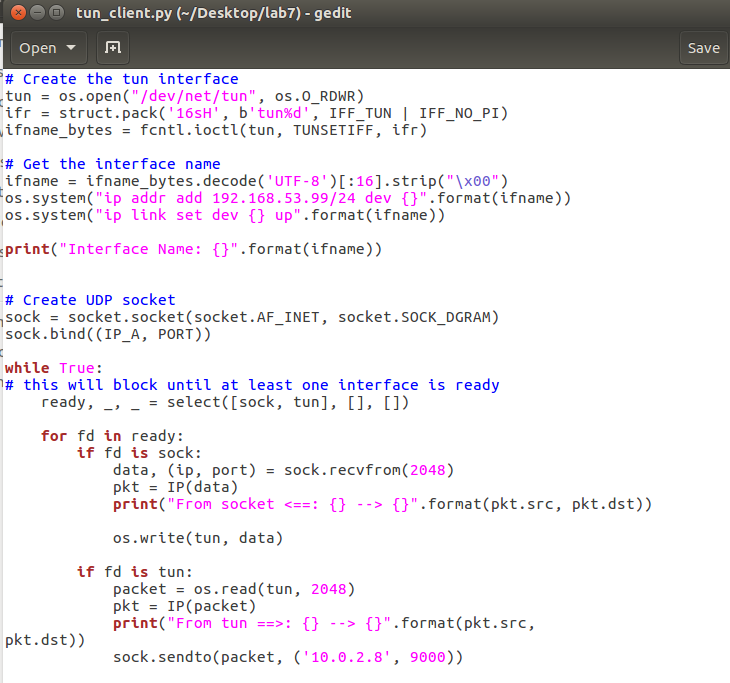


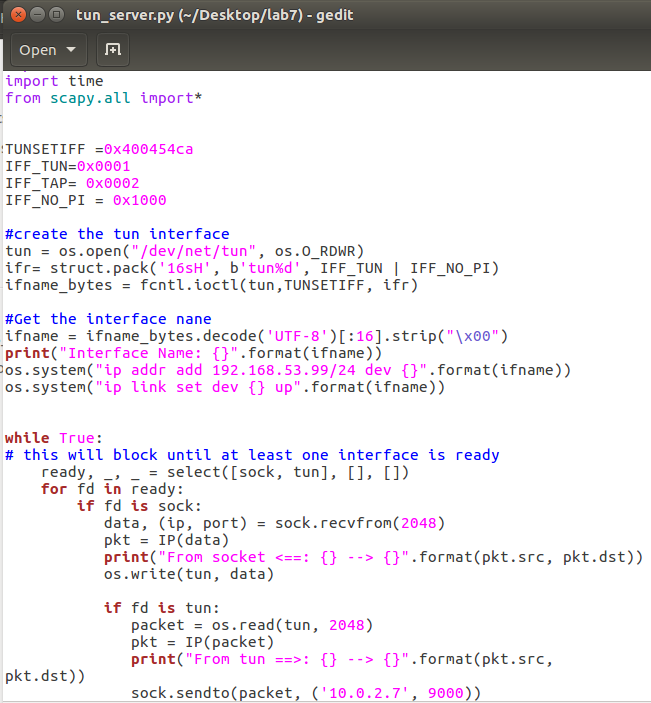


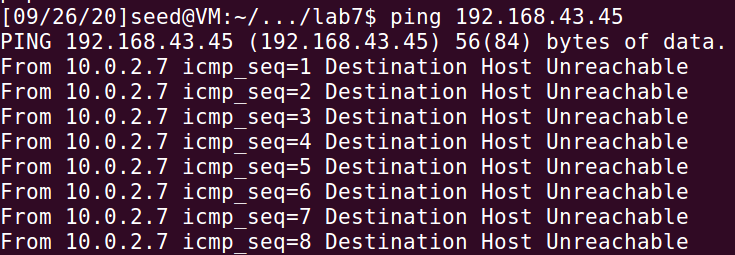




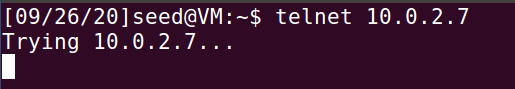
Task5: Handling Trafﬁc in Both Directions

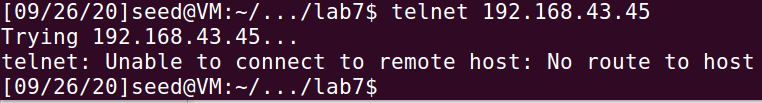






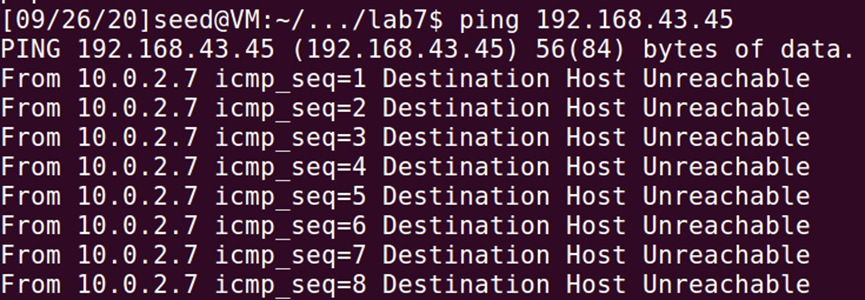
Task6: Tunnel-Breaking Experiment





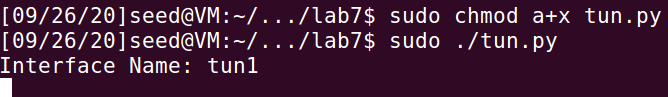
Task7: Routing Experiment on Host V

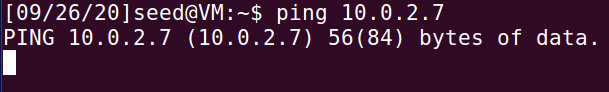




Task8: Experiment with the TUNIP Address







Task9: Experiment with the TAP Interface

