Network Configuration

At Honeypot

The loopback network interface auto lo iface lo inet loopback
The primary network interface auto ens33 iface ens33 inet static address 192.168.120.101 netmask 255.255.255.0 network 192.168.120.0 broadcast 192.168.120.255 gateway 192.168.120.103

At Router

#interfaces(5) file used by ifup(8) and ifdown(8) auto lo iface lo inet loopback # The primary network interface auto ens33:0 iface ens33:0 inet static address 192.168.56.101 netmask 255.255.255.0 network 192.168.56.0 broadcast 192.168.56.255 gateway 192.168.56.101

auto ens33:1 iface ens33:1 inet static address 192.168.140.102 netmask 255.255.255.0 network 192.168.140.0 broadcast 192.168.140.255 gateway 192.168.140.102

auto ens33:2 iface ens33:2 inet static address 192.168.120.103 netmask 255.255.255.0 network 192.168.120.0 broadcast 192.168.120.255 gateway 192.168.120.103

At Victim

#interfaces(5) file used by ifup(8) and ifdown(8) auto lo iface lo inet loopback auto ens33

iface ens33 inet static address 192.168.140.101 netmask 255.255.255.0 network 192.168.140.0 broadcast 192.168.140.255 gateway 192.168.140.102

At Attacker

#interfaces(5) file used by ifup(8) and ifdown(8) auto lo iface lo inet loopback auto ens33 iface ens33 inet static address 192.168.56.102 netmask 255.255.255.0 network 192.168.56.0 broadcast 192.168.56.255 gateway 192.168.56.101

At Router

route add -net 192.168.56.0 netmask 255.255.255.0 gw 192.168.56.101 route add -net 192.168.140.0 netmask 255.255.255.0 gw 192.168.140.102 route add -net 192.168.120.0 netmask 255.255.255.0 gw 192.168.120.103 sysctl ip forward bit sysctl -w net.ipv4.ip_forward=1

iptables -t nat -A PREROUTING -m limit --limit 25/min --limit-burst 100 -j ACCEPT iptables -t nat -A PREROUTING -j DNAT --to-destination 192.168.120.101