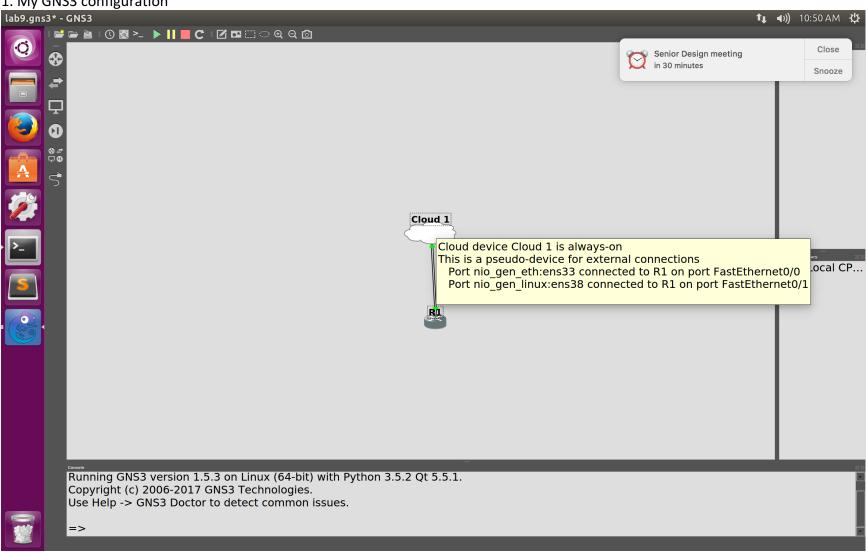Michael Esposito
Computer Network Defense

Lab 9-3

1. My GNS3 configuration

2. Windows 7 pinging the GNS3 router

```
C:\Windows\system32\cmd.exe

operable program or batch file.

C:\Users\admin>ipcofig
'ipcofig' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\admin>ipconfig

Windows IP Configuration


Ethernet adapter Bluetooth Network Connection:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Ethernet adapter Local Area Connection:

   Connection-specific DNS Suffix  . : localdomain
   Link-local IPv6 Address . . . . . : fe80::482:31de:f970:9072%11
   IPv4 Address. . . . . . . . . . . : 192.168.100.129
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Tunnel adapter isatap.{A8F5F962-03FE-40AD-A1EE-D17C1555FE7B}:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Tunnel adapter isatap.localdomain:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . : localdomain

C:\Users\admin>ping 192.168.100.1

Pinging 192.168.100.1 with 32 bytes of data:
Reply from 192.168.100.1: bytes=32 time=7ms TTL=255
Reply from 192.168.100.1: bytes=32 time=12ms TTL=255
Reply from 192.168.100.1: bytes=32 time=8ms TTL=255
Reply from 192.168.100.1: bytes=32 time=2ms TTL=255

Ping statistics for 192.168.100.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 12ms, Average = 7ms

C:\Users\admin>ping www.google.com
Ping request could not find host www.google.com. Please check the name and try a
gain.

C:\Users\admin>ping 192.168.100.250

Pinging 192.168.100.250 with 32 bytes of data:
Reply from 192.168.100.129: Destination host unreachable.
Reply from 192.168.100.129: Destination host unreachable.
Reply from 192.168.100.129: Destination host unreachable.
Reply from 192.168.100.129: Destination host unreachable.

Ping statistics for 192.168.100.250:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

C:\Users\admin>
```

3. Ubuntu IP settings

Terminal   ⇅ ◄)) 12:41 PM ⚙

```
michael@ubuntu: ~

michael@ubuntu:~$ ifconfig
ens33     Link encap:Ethernet  HWaddr 00:0c:29:bb:4a:7c
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:16567 errors:0 dropped:0 overruns:0 frame:0
          TX packets:464 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3235398 (3.2 MB)  TX bytes:48141 (48.1 KB)

ens38     Link encap:Ethernet  HWaddr 00:0c:29:bb:4a:86
          inet addr:192.168.100.133  Bcast:192.168.100.255  Mask:255.255.255.0
          inet6 addr: fe80::858f:e89b:22c2:eba8/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:3151 errors:0 dropped:0 overruns:0 frame:0
          TX packets:7352 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:241302 (241.3 KB)  TX bytes:492236 (492.2 KB)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:65536  Metric:1
          RX packets:5963 errors:0 dropped:0 overruns:0 frame:0
          TX packets:5963 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1
          RX bytes:506469 (506.4 KB)  TX bytes:506469 (506.4 KB)

virbr0    Link encap:Ethernet  HWaddr 00:00:00:00:00:00
          inet addr:192.168.122.1  Bcast:192.168.122.255  Mask:255.255.255.0
          UP BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

michael@ubuntu:~$
```

```
michael@ubuntu: ~/D
2017-02-21 10:35:41 INFO
2017-02-21 10:35:41 INFO
2017-02-21 10:36:09 INFO
ktop/lab9/c3700config.cfg
2017-02-21 10:36:11 INFO
ktop/lab9/c3700config.cfg
2017-02-21 10:36:12 INFO
onfigs/i1_private-config.
2017-02-21 10:36:12 INFO
2017-02-21 10:36:17 CRITI
this device
2017-02-21 10:36:20 CRITI
this device
2017-02-21 10:36:27 CRITI
this device
2017-02-21 10:36:49 INFO
2017-02-21 10:36:56 INFO
o R1 FastEthernet0/0
2017-02-21 10:37:07 INFO
 to R1 FastEthernet0/1
2017-02-21 10:37:17 INFO
2017-02-21 12:38:53 WARNI
op it before closing your
```

Topology Summary
- ▸ 🟢 Cloud 1
- ▸ 🟢 R1

Servers Summary
🟡 Local CP...

Console

Running GNS3 version 1.5.3 on Linu
Copyright (c) 2006-2017 GNS3 Tech
Use Help -> GNS3 Doctor to detect

=>