Melbourne Institute of Technology

Sydney

MN521

Network Automation

Lab 01

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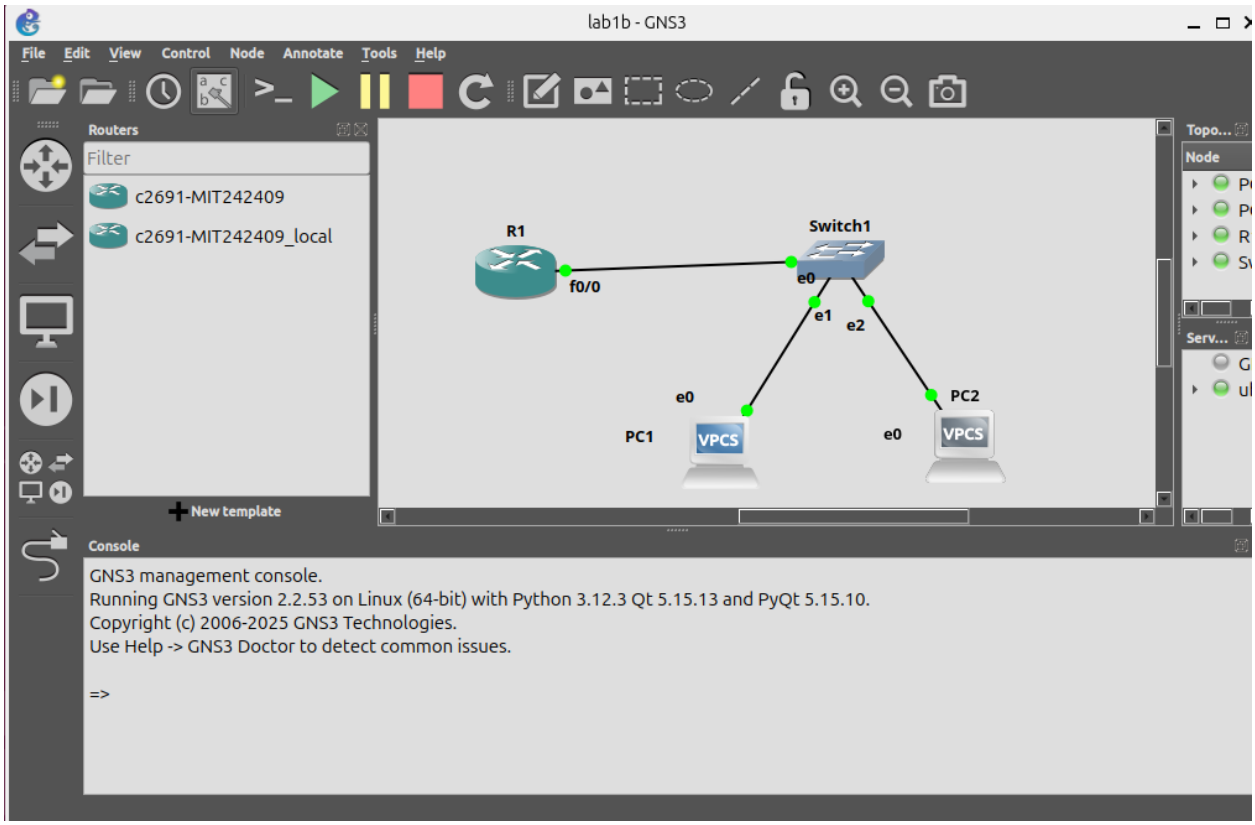
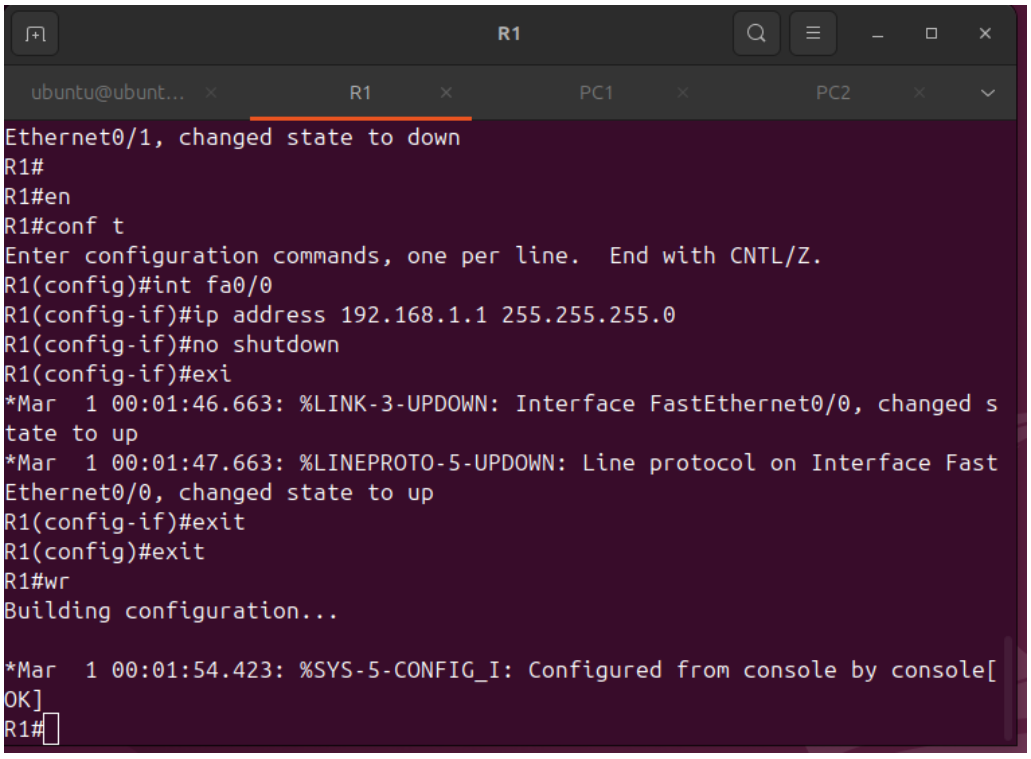
1. Network Testing after installing GNS3 in Ubuntu

   a. Network Setup

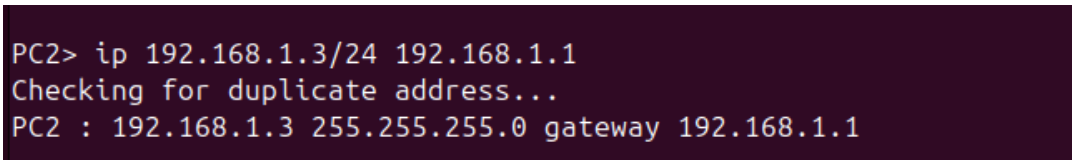


b. Router IP Configuration



c. Configuring IP and Default gateway in PC1

d. Configuring IP and Default gateway on PC2



e. Connectivity of PC1 from PC2

```
PC2> ping 192.168.1.2

84 bytes from 192.168.1.2 icmp_seq=1 ttl=64 time=3.807 ms
84 bytes from 192.168.1.2 icmp_seq=2 ttl=64 time=1.088 ms
84 bytes from 192.168.1.2 icmp_seq=3 ttl=64 time=1.256 ms
84 bytes from 192.168.1.2 icmp_seq=4 ttl=64 time=0.600 ms
84 bytes from 192.168.1.2 icmp_seq=5 ttl=64 time=1.064 ms
```

f. Connectivity of Router1 from PC2

```
PC2> ping 192.168.1.1

84 bytes from 192.168.1.1 icmp_seq=1 ttl=255 time=21.594 ms
84 bytes from 192.168.1.1 icmp_seq=2 ttl=255 time=10.550 ms
84 bytes from 192.168.1.1 icmp_seq=3 ttl=255 time=6.603 ms
84 bytes from 192.168.1.1 icmp_seq=4 ttl=255 time=2.383 ms
84 bytes from 192.168.1.1 icmp_seq=5 ttl=255 time=1.422 ms
```