DNS

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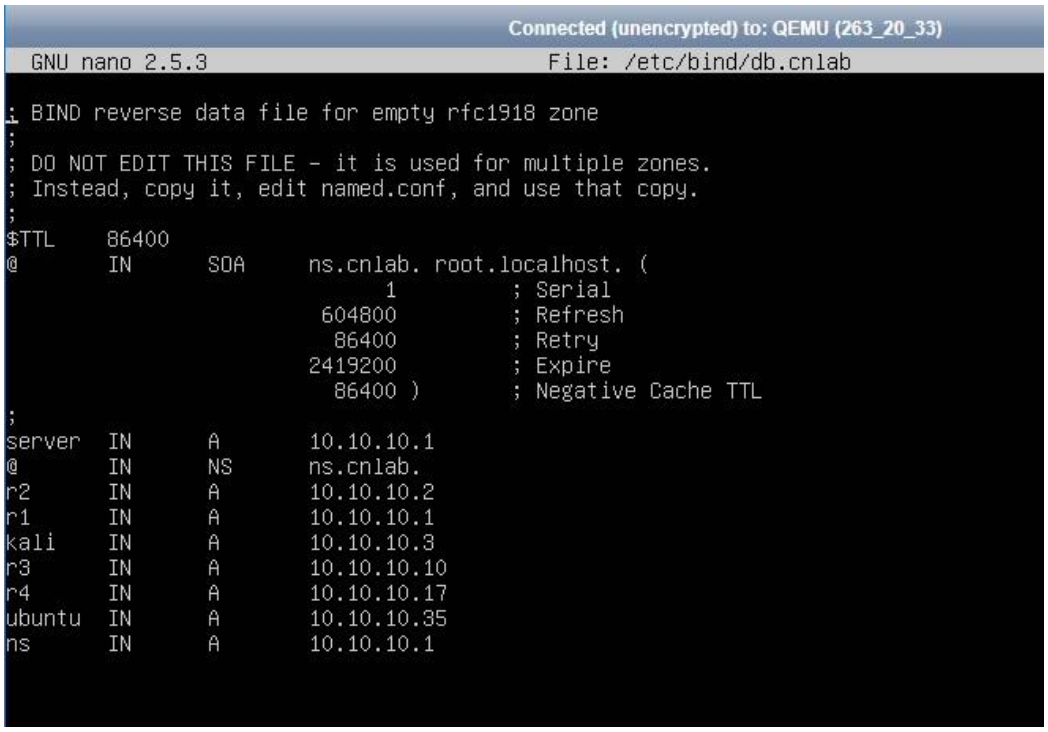
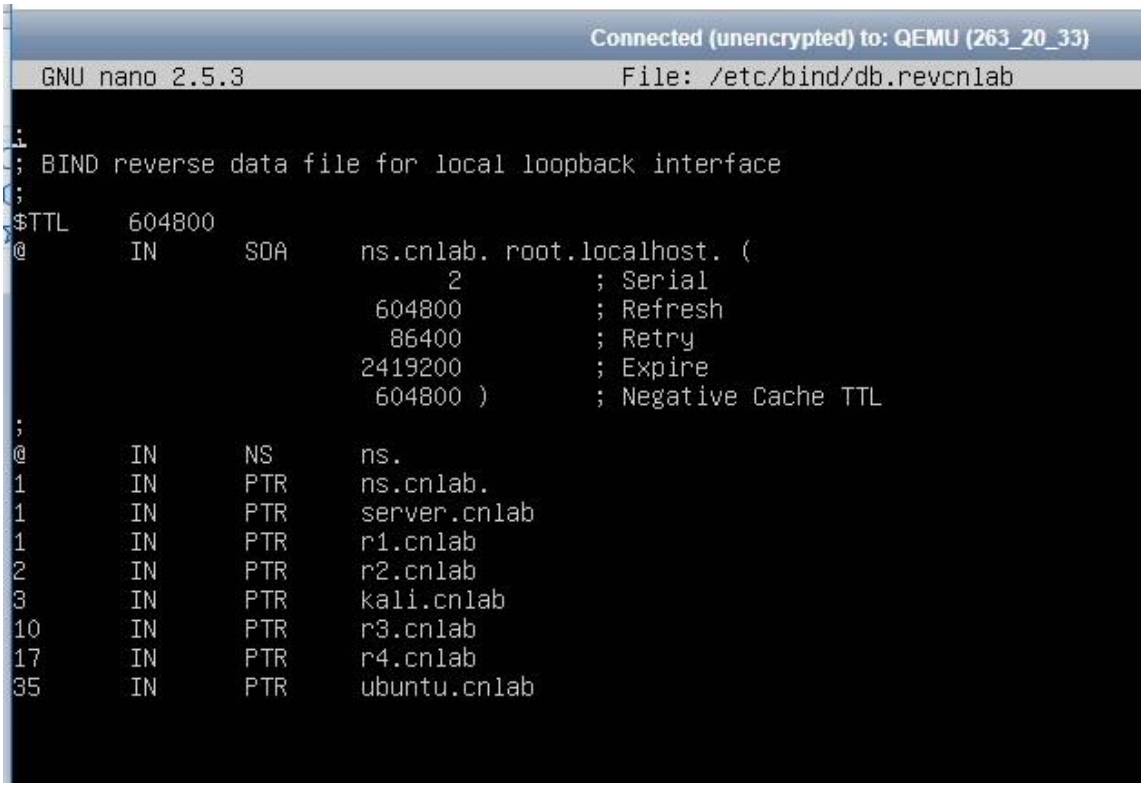
```
//
// Do any local configuration here
//

// Consider adding the 1918 zones here, if they are not used in your
// organization
//include "/etc/bind/zones.rfc1918

zone "cnlab"{
        type master;
        file "/etc/bind/db.cnlab";
};

zone "1.10.10.10.in-addr.arpa" {
        type master;
        notify no;
        file "/etc/bind/db.1.10.10.10";
};
```

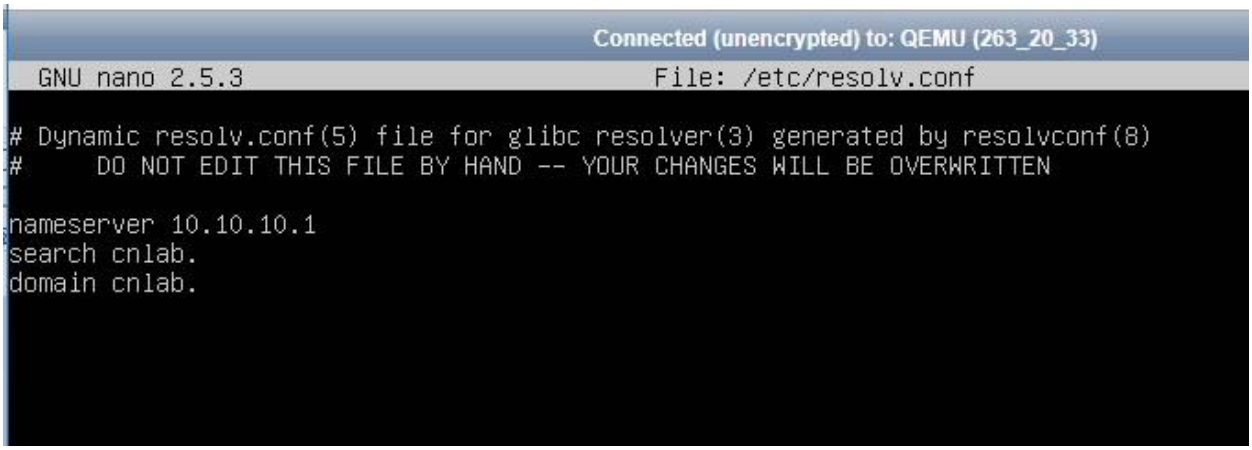
/etc/bind/named.conf.local



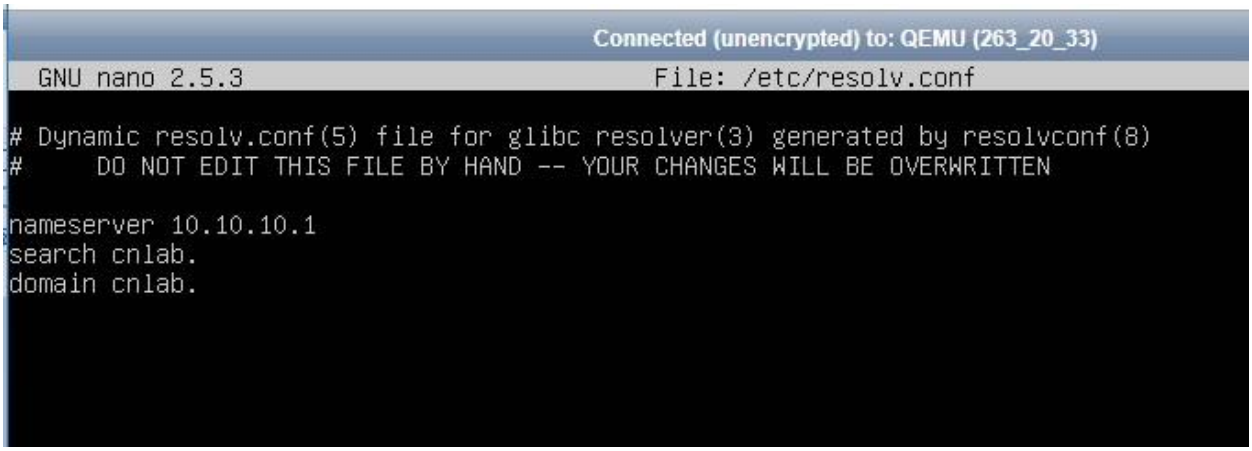
R1 Forward (db.cnlab)



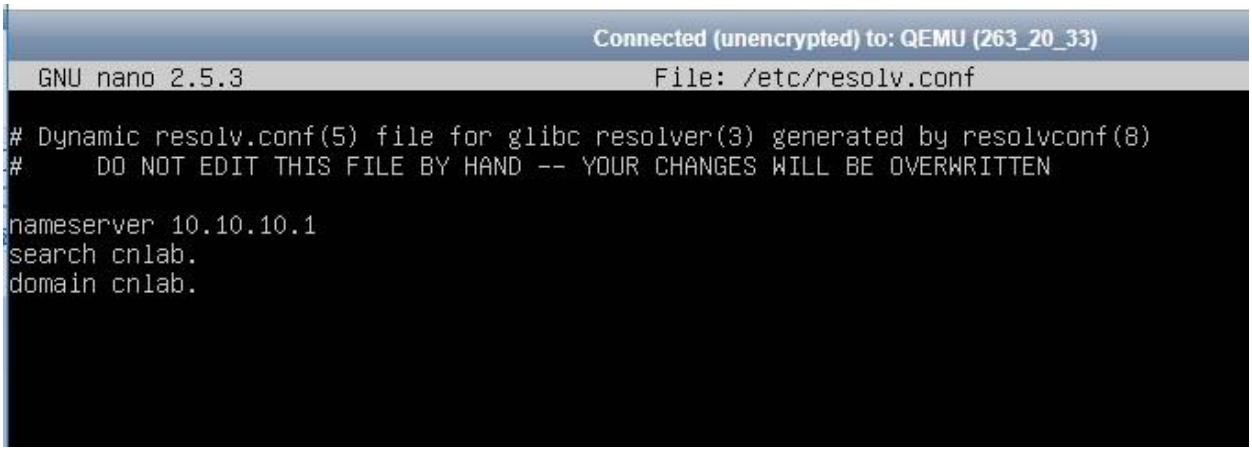
R1 reverse (db.10.10.10)



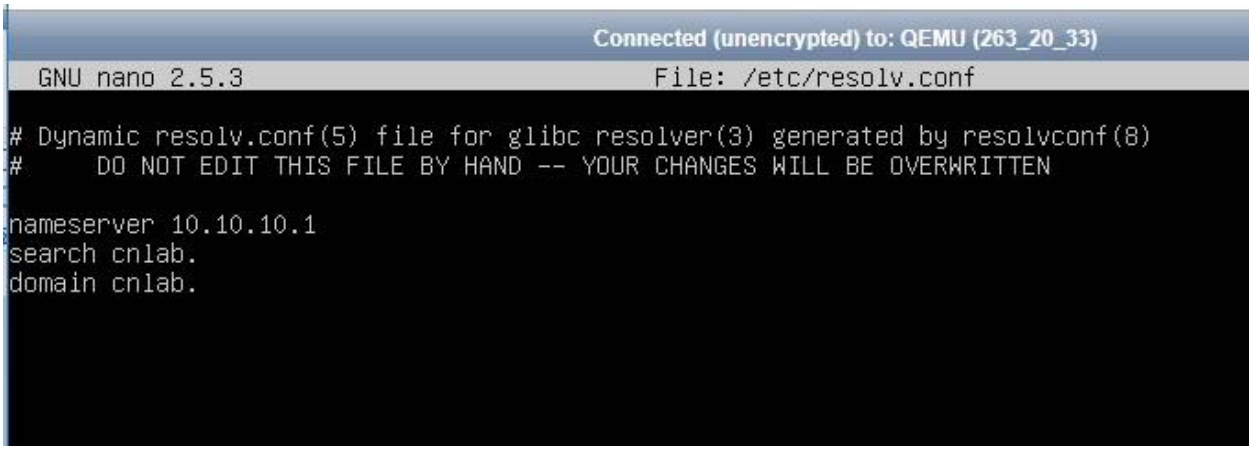
R1 resolv.conf



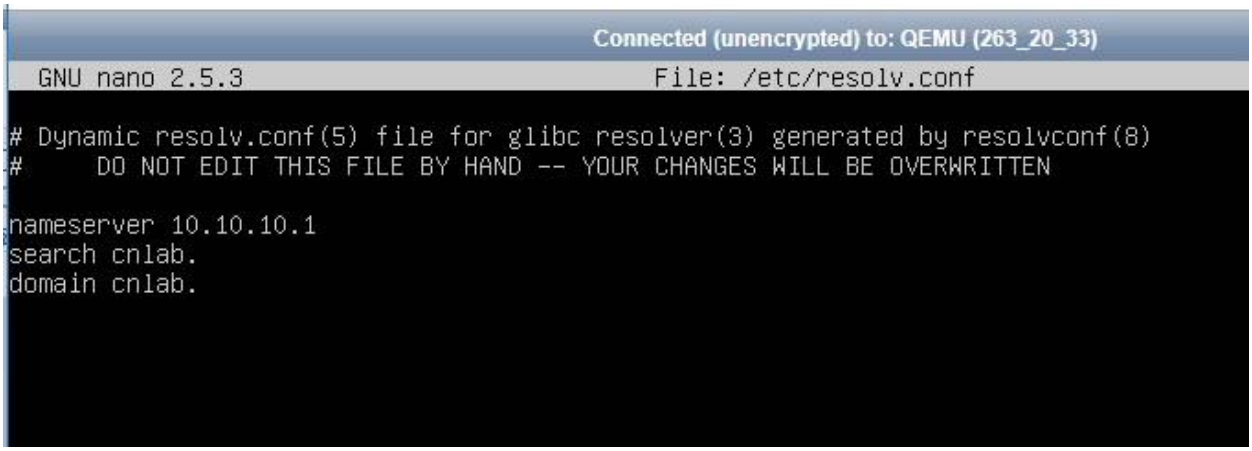
R2 resolv.conf



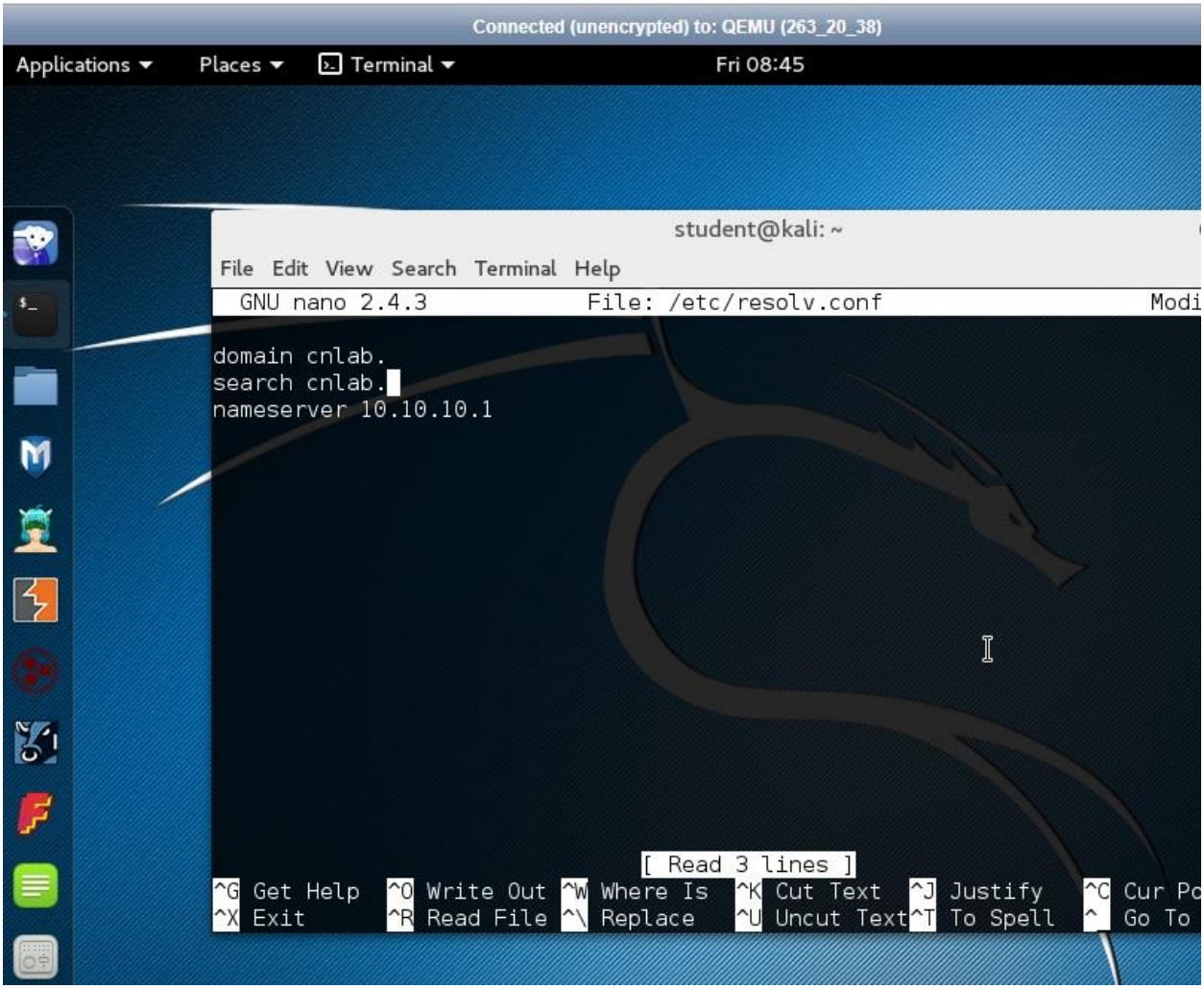
R3 resolv.conf



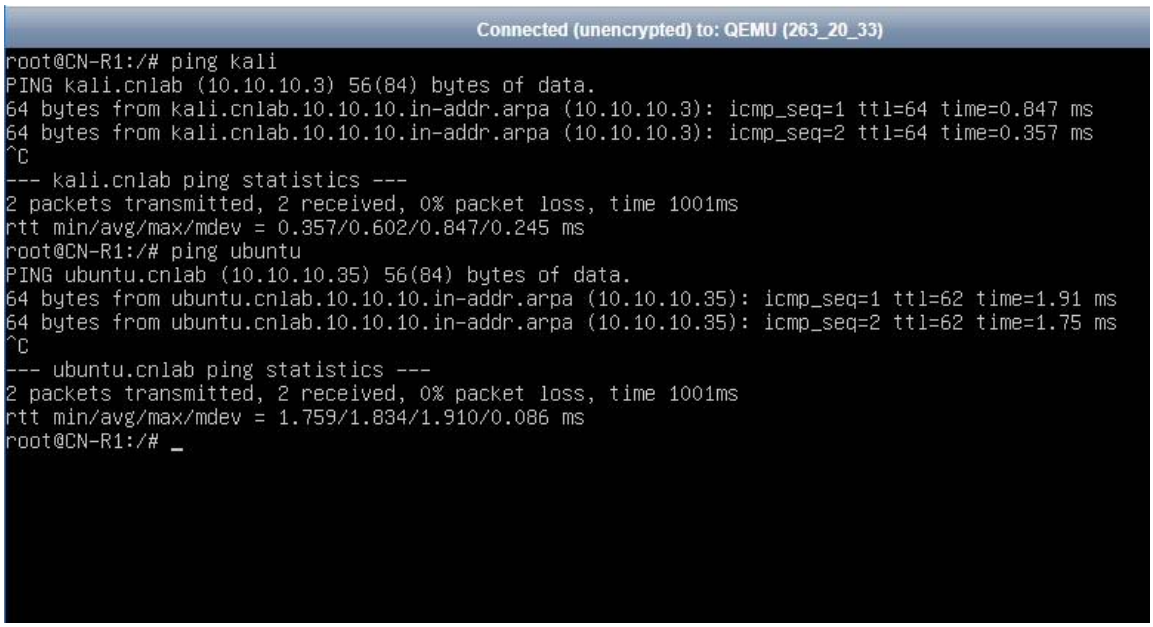
R4 resolv.conf



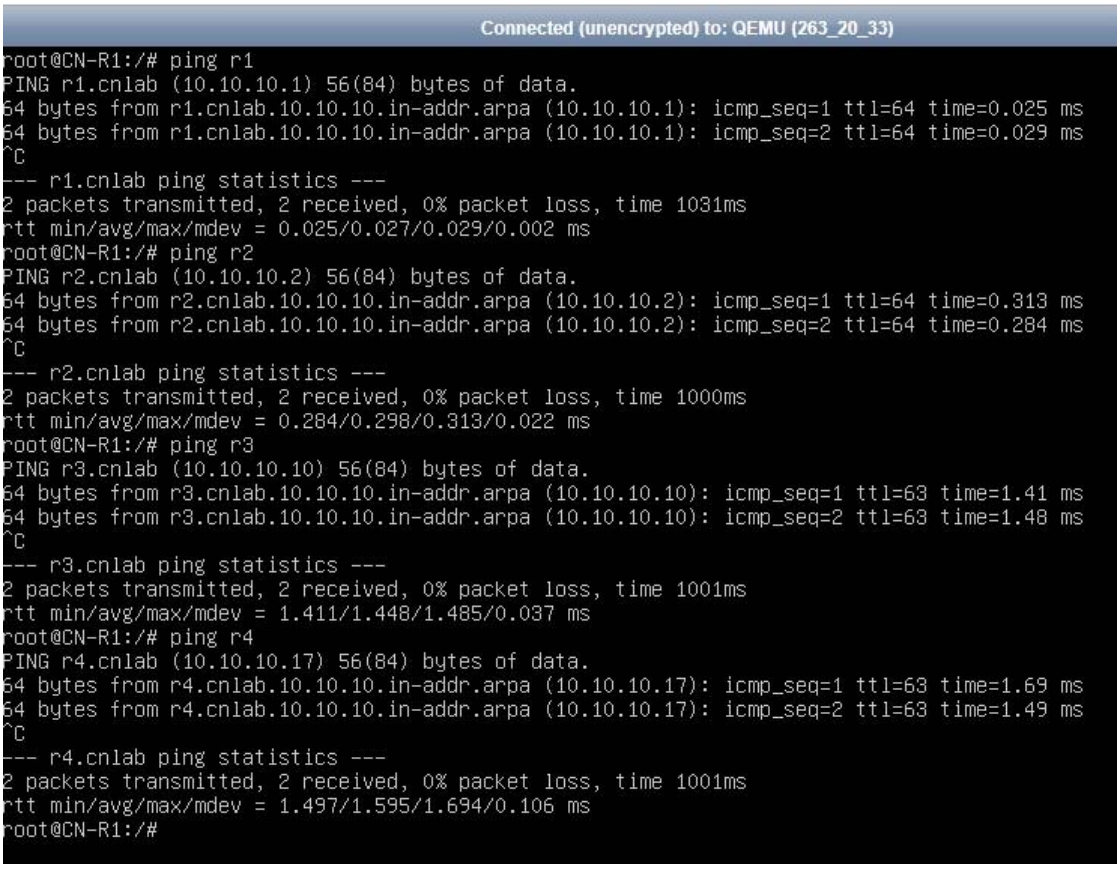
Ubuntu resolv.conf



Kali resolv.conf



Ping machine



Ping machines

```
root@CN-R1:/# nslookup r1
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   r1.cnlab
Address: 10.10.10.1

root@CN-R1:/# nslookup r2
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   r2.cnlab
Address: 10.10.10.2

root@CN-R1:/# nslookup r3
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   r3.cnlab
Address: 10.10.10.10

root@CN-R1:/# nslookup r4
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   r4.cnlab
Address: 10.10.10.17
```

Nslookup Routers

```
root@CN-R1:/# nslookup ubuntu
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   ubuntu.cnlab
Address: 10.10.10.35

root@CN-R1:/# nslookup kali
Server:         10.10.10.1
Address:        10.10.10.1#53

Name:   kali.cnlab
Address: 10.10.10.3
```

Nslookup machines