

VM [Running] - Oracle VM VirtualBox

kholmatov@kholmatov-VirtualBox: ~/Documents/Networks/Week07

21:56

```
valid_lft forever preferred_lft forever
kholmatov@kholmatov-VirtualBox:~/Documents/Networks$ cd Week07
kholmatov@kholmatov-VirtualBox:~/Documents/Networks/Week07$ gcc -pthread node.c
-o node
kholmatov@kholmatov-VirtualBox:~/Documents/Networks/Week07$ ./node
[SERVER] port number 53255
[SERVER] blocked on select System call...
[CLIENT] Enter server address:
192.168.1.2
[CLIENT] No of bytes sent = 36
[CLIENT] No of bytes received = 36
[CLIENT] Result received = Kholmatov, 20, B17-05
[CLIENT] Enter server address:
192.168.1.2
[CLIENT] No of bytes sent = 36
^C
kholmatov@kholmatov-VirtualBox:~/Documents/Networks/Week07$ ./node
[SERVER] port number 53255
[SERVER] blocked on select System call...
[CLIENT] Enter server address:
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VM2 [Running] - Oracle VM VirtualBox

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link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
    valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
    valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP gr
oup default qlen 1000
    link/ether 08:00:27:92:5e:f0 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global eth0
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe92:5ef0/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP gr
oup default qlen 1000
    link/ether 08:00:27:29:12:f6 brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.2/24 brd 192.168.1.255 scope global eth1
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe29:12f6/64 scope link
        valid_lft forever preferred_lft forever
kholmatov@kholmatov-VirtualBox:~/Documents/Networks/Week07$ ./node
[SERVER] port number 53255
[SERVER] blocked on select System call...
[CLIENT] Enter server address:
[SERVER] New connection recieved recvd, accept the connection. Client and Server
completes TCP-3 way handshake at this point
[SERVER] Connection accepted from client : 192.168.4.2:37842
[SERVER] Server ready to service client msgs.
[SERVER] Server recvd 36 bytes from client 192.168.4.2:37842
[SERVER] Server sent 36 bytes in reply to client
[SERVER] Server ready to service client msgs.
```