Inputs Tested

```
serverA.txt serverC.txt

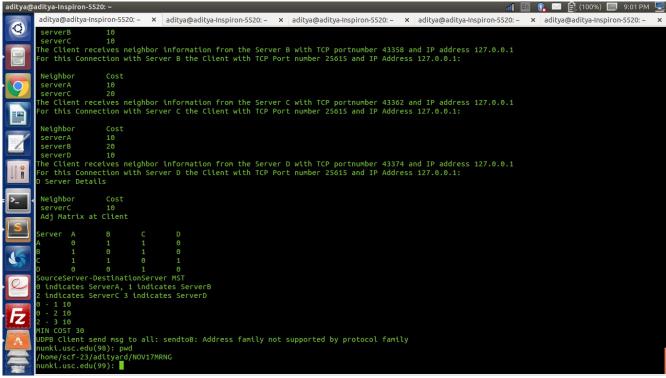
serverB 10 serverA 10
serverC 10 serverB 20
serverD 10

serverB.txt serverD.txt
serverA 10 serverC 10
```

Results on nunki.usc.ed

Client Side Messages . Messages obtained after executing client.c

```
adity@@adity=inspiron-5520:— X adity@@aditya-inspiron-5520:— X
```



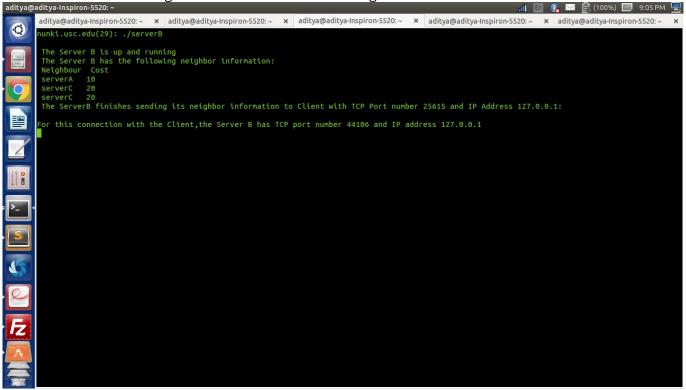
This is the error message I get on client side sendtoB: Address family not supported by protocol family

Subsequently ServerC and Server D will not get the data from Client. As the program exits

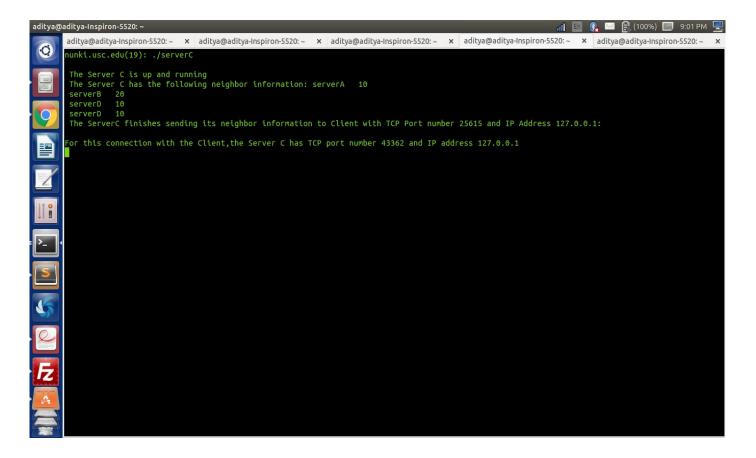
Server A successfully receives.

aditya@aditya-inspiron-5520:- x aditya@aditya-inspiron-5520:-

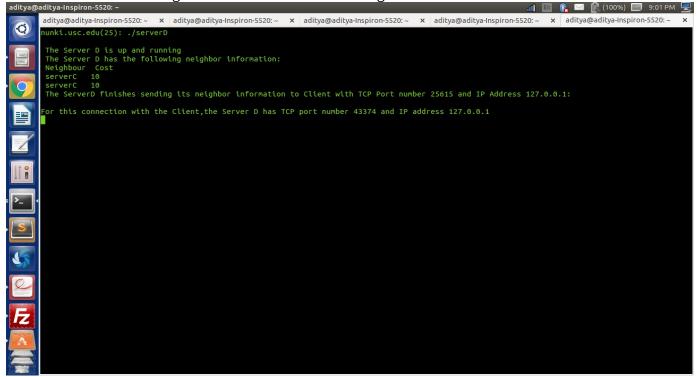
ServerB Console Message: Did not receive UDP message



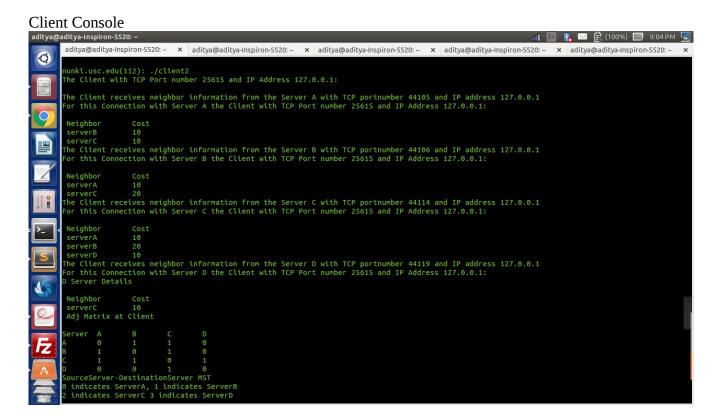
ServerC Console Message: Did not receive UDP message



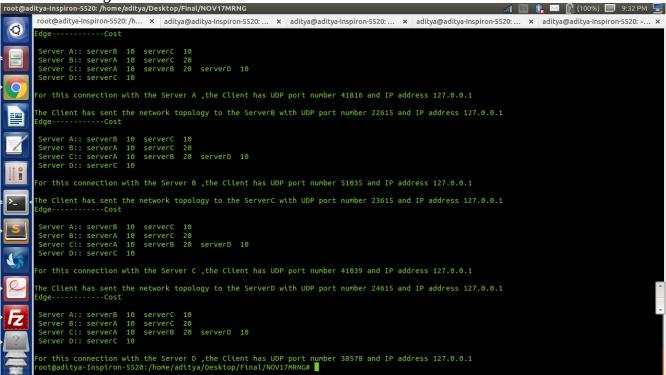
ServerD Console Message: Did not receive UDP message



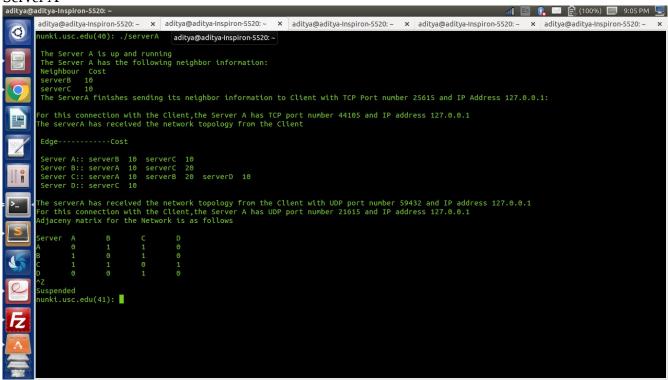
Next, when I comment the UDP message going to B and run client2.c(basically the file with sendto B is commented) I get successful UDP messages sent to all the servers except ServerB



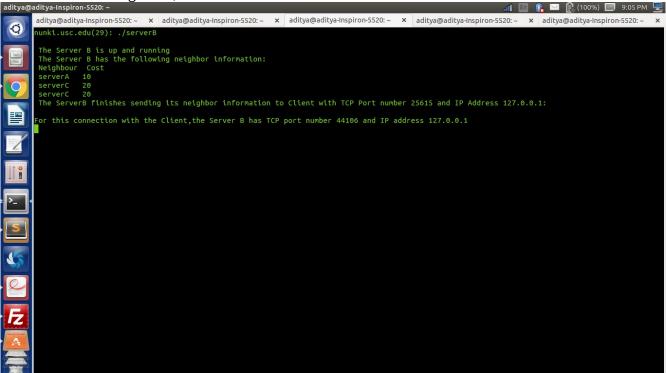
No Error Messages at all!



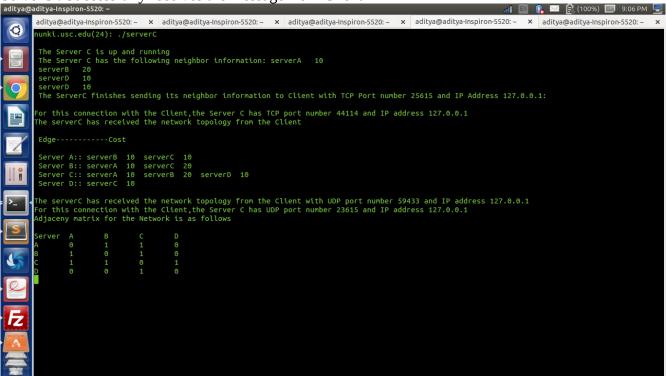
Server A



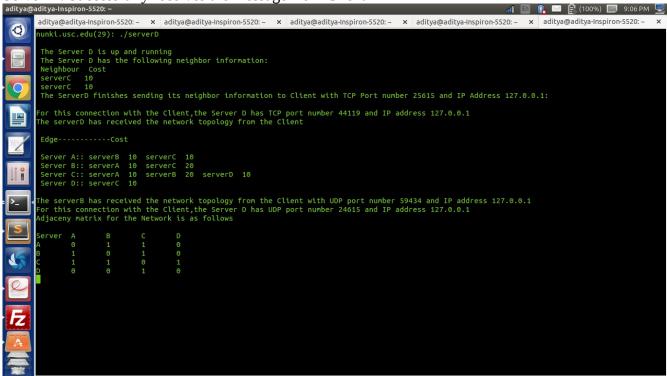
ServerB: No message sent, because I have commented the code sendto for ServerB



ServerC: Successfully receives the message from Client

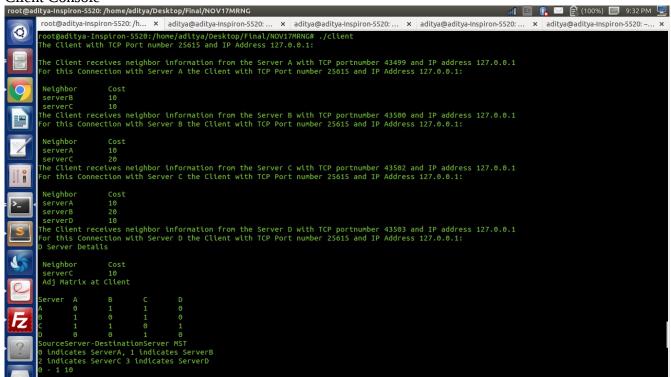


ServerD: Successfully receives the message from Client

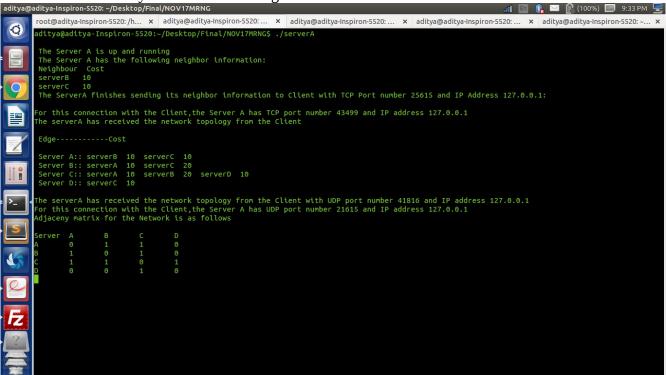


Now, the same code without any changes when I run client.c , serverA.c, serverB.c, serverC.c and serverD.c on Ubuntun 14.04 machine I get perfect output. I can see message reaches to all servers

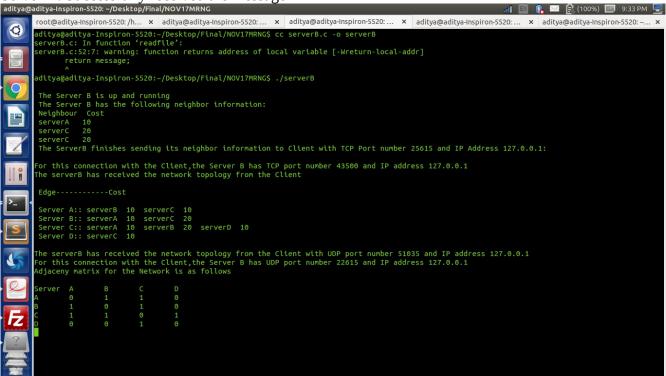
Client Console



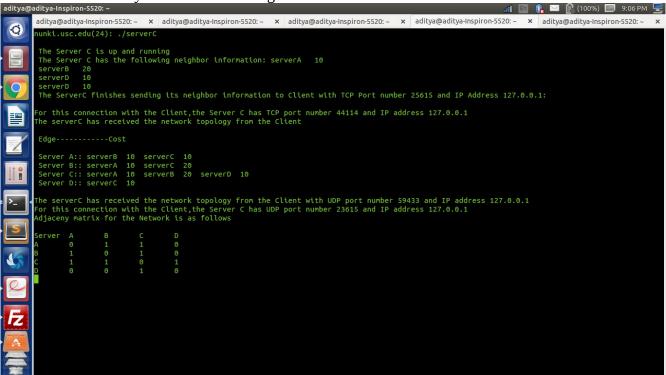
Server A: Successfully received the message



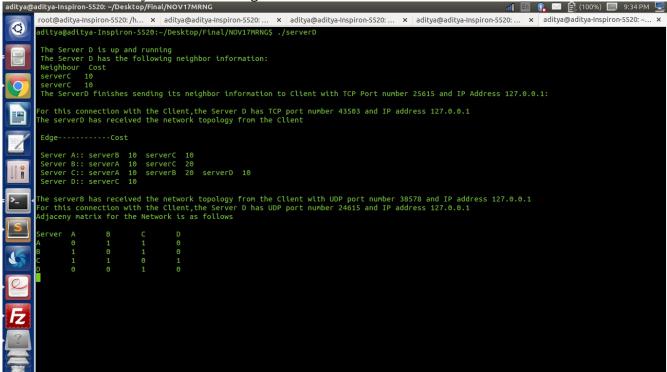
ServerB: Successfully received the message



ServerC: Successfully received the message



Server D: Successfully received message



Similar behavior is seen with different sets of the inputs as well For example:

ServerA.txt serverC 1 serverB 1

ServerB.txt ServerC.txt ServerD.txt serverC 1 serverD 1 serverB 1 serverD 1 serverC 1

Another, set of inputs

ServerA.txt

serverB 20

serverC 10

ServerB.txt

serverA 20

serverC 30

serverD15

ServerC.txt

serverA 10

serverB 30

ServerD.txt

serverB 15