Pre-lab Questions:

All answers are at least sourced from the linux API

- 1. [5] What command will show you which groups you are a member of?\$ groups
- 2. [5] What does the environmental variable "\$?" hold? (Hint: the command 'echo \$?' will should you this on your screen)

\$? is the return code of the last command executed.

3. [5] What key combination will suspend a currently running process and place it as a background process?

The following will suspend the currently running process where pid is replaced by the actual PID of the process

\$ kill -STOP pid

source: https://www.ostechnix.com/suspend-process-resume-later-linux/

4. [5] With what command (and arguments) can you find out your kernel version and the "nodename"? [The output should not include any other information]

"uname" is the kernel version number and "n" is nodename \$ uname -n

source: https://www.liquidweb.com/kb/how-to-check-the-kernel-version-in-linux-ubuntu-centos/

- 5. [5] What is the difference between the paths ".", "..", and "~"? What does the path "/" refer to when not preceded by anything?
 - "." current directory
 - ".." parent directory
 - "~" home directory
 - "/" absolute path

http://linuxcommand.org/lc3 lts0020.php

6. [5] What is a pid? Which command would you use to find the "pid" for a running process?

The Process Identification Number (PID) is an identification number for processes created in Unix

To obtain PID of running process.

\$ pidof [options] pattern

- 7. [20] Write a single command that will return every user's default shell. [You may chain commands using piping and redirects] (Hint: See 'Chapter 19: filters' of linux-training.be as well as the man page for the /etc/passwd file: https://linux.die.net/man/5/passwd)
- 8. [10] What is the difference between "sudo" and "su root"?

The root in Unix is the SuperUser or "su". Certain commands in a terminal require root privileges. It is not advisable that as commands be run being the actual root. Instead, such programs or commands are done using sudo. sudo allows the user to act as root without using root login. Generally, this is seen as more secure.

source: https://help.ubuntu.com/community/RootSudo

9. [10] How would you tell your computer to run a program or script on a schedule or set interval on Linux? E.g. Run this program once every 30 minutes.

Crontab files allow a user to schedule tasks on specific times whether they are reoccuring or not.

source: http://kvz.io/blog/2007/07/29/schedule-tasks-on-linux-using-crontab/

10. [30] Write a shell script that only prints the even numbered lines of each file in the current directory. The output should be filename: line for each even numbered line. You do not need to print line numbers.

sources: https://www.tutorialspoint.com/unix_commands/awk.htm, https://www.computerhope.com/unix/uawk.htm,

The Lab [100 pts]:

2. [30 pts] Save a screenshot of dump and pingall output. Explain what is being shown in the screenshot.

Outputs of the dump and pinout commands are shown in the figures below. The command "pingall" sends a ping from each host to all other hosts in the network to test their related links. Dump displays information regarding the nodes of a network such as assigned addresses.

```
mininet> pingall

*** Ping: testing ping reachability
h1 -> h2 h3 h4
h2 -> h1 h3 h4
h3 -> h1 h2 h4
h4 -> h1 h2 h3

*** Results: 0% dropped (12/12 received)
```

Figure: pingout Output

```
mininet> dump
<Host h1: h1-eth0:10.0.0.1 pid=4868>
<Host h2: h2-eth0:10.0.0.2 pid=4871>
<Host h3: h3-eth0:10.0.0.3 pid=4874>
<Host h4: h4-eth0:10.0.0.4 pid=4876>
<OVSSwitch s1: lo:127.0.0.1,s1-eth1:None,s1-eth2:None,s1-eth3:None,s1-eth4:None pid=4881>
<Controller c0: 127.0.0.1:6633 pid=4861>
```

Figure: dump Output

3. [10 pts] Run the iperf command as well, and screenshot the output, how fast is the connect?

The iperf connect shows a speed of 30.7 Gbits per second

```
mininet> iperf
*** Iperf: testing TCP bandwidth between h1 and h4
*** Results: ['30.6 Gbits/sec', '30.7 Gbits/sec']
```

Figure: iperf Output

- 4. Run wireshark, and using the display filter, filter for "of". Note: When you run wireshark you should do so as "sudo wireshark". When you choose an interface to capture on, you should select "any".
- a. [20 pts] Run ping from a host to any other host using hX ping -c 5 hY. How many of_packet_in messages show up? Take a screenshot of your results.
- 6 instances of 'of_packet_in' appear. These entries are numbered as [No:] 275, 283, 287, 291, 315, 320.

275 291.3469720(ae:fa:dc:0d:0c:6c	Broadcast	0F 1.0	128 of_packet_in
276 291.3472710(127.0.0.1 277 291.3472810(127.0.0.1	127.0.0.1 127.0.0.1	OF 1.0 TCP	92 of_packet_out 68 33025 > 6633 [ACK] Seq=985 Ack=825 Win=86 Len=0 TSval=334587
277 291.34720100 127.0.0.1 278 291.34731700 ae:fa:dc:0d:0c:6c	127.0.0.1	ARP	44 Who has 10.0.0.4? Tell 10.0.0.1
279 291.3473190(ae:fa:dc:0d:0c:6c		ARP	44 Who has 10.0.0.4? Tell 10.0.0.1
280 291.3473200(ae:fa:dc:0d:0c:6c		ARP	44 Who has 10.0.0.4? Tell 10.0.0.1
281 291.34732200 ae:fa:dc:0d:0c:6c		ARP	44 Who has 10.0.0.4? Tell 10.0.0.1
282 291.3473300(fa:1b:30:4b:6a:1b		ARP	44 10.0.0.4 is at fa:1b:30:4b:6a:1b
283 291.3474130(fa:1b:30:4b:6a:1b	ae:fa:dc:0d:0c:6c	0F 1.0	128 of packet in
284 291.3476040(127.0.0.1	127.0.0.1	0F 1.0	148 of flow add
285 291.3477240(fa:1b:30:4b:6a:1b	127.0.0.1	ARP	44 10.0.0.4 is at fa:1b:30:4b:6a:1b
286 291.3477280(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seg=1/256, ttl=64
287 291.3477260 10.0.0.1	10.0.0.4	0F 1.0	184 of packet in
288 291.3482070(127.0.0.1	127.0.0.1	0F 1.0	148 of flow add
289 291.3482640(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=1/256, ttl=64 (reply in 2
290 291.3482720(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=1/256, ttl=64 (request in
291 291.3484360(10.0.0.4	10.0.0.1	0F 1.0	184 of packet in
292 291.3486390(127.0.0.1	127.0.0.1	0F 1.0	148 of flow add
293 291.3486750(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=1/256, ttl=64
294 291.3876890(127.0.0.1	127.0.0.1	TCP	68 33025 > 6633 [ACK] Seq=1277 Ack=1065 Win=86 Len=0 TSval=3345
295 292.3482060(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=2/512, ttl=64
296 292.3482630(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=2/512, ttl=64 (reply in
297 292.3482730(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=2/512, ttl=64 (reply in
298 292.3483850(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=2/512, ttl=64 (request 1
299 293.3476880(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=2/312, ttt=04
299 293.34700000 10.0.0.1	10.0.0.4	TCHE	100 Echo (ping) request 10-0x0are, seq-3/700, ttt-04
295 292.3482060(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=2/512, ttl=64
296 292.3482630(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=2/512, ttl=64 (reply in
297 292.3482730(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=2/512, ttl=64 (request i
298 292.3483850(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=2/512, ttl=64
299 293.3476880(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=3/768, ttl=64
300 293.3476970(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=3/768, ttl=64 (reply in
301 293.34770600 10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=3/768, ttl=64 (request i
302 293.3477080(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=3/768, ttl=64
303 294.3476770(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=4/1024, ttl=64
304 294.3476850(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=4/1024, ttl=64 (reply in
305 294.3476940(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=4/1024, ttl=64 (request
306 294.3476960(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=4/1024, ttl=64
307 295.3476850(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=5/1280, ttl=64
308 295.3476930(10.0.0.1	10.0.0.4	ICMP	100 Echo (ping) request id=0x0afe, seq=5/1280, ttl=64 (reply in
809 295.3477020(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=5/1280, ttl=64 (request
310 295.3477030(10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) reply id=0x0afe, seq=5/1280, ttl=64
311 296.00067700 127.0.0.1	127.0.0.1	OF 1.0	76 of_echo_request
312 296.0009650(127.0.0.1	127.0.0.1	OF 1.0	76 of_echo_reply
313 296.0009760(127.0.0.1	127.0.0.1	TCP	68 33025 > 6633 [ACK] Seq=1285 Ack=1073 Win=86 Len=0 TSval=3357
314 296.35566600 fa:1b:30:4b:6a:1b		ARP	44 Who has 10.0.0.1? Tell 10.0.0.4
315 296.3578450@fa:1b:30:4b:6a:1b	ae:fa:dc:0d:0c:6c	OF 1.0	128 of_packet_in
316 296.3586860(127.0.0.1	127.0.0.1	OF 1.0	148 of_flow_add
317 296.3587400(127.0.0.1	127.0.0.1	TCP	68 33025 > 6633 [ACK] Seq=1345 Ack=1153 Win=86 Len=0 TSval=335
318 296.3591730@fa:1b:30:4b:6a:1b		ARP	44 Who has 10.0.0.1? Tell 10.0.0.4
319 296.3591900@ae:fa:dc:0d:0c:6c		ARP	44 10.0.0.1 is at ae:fa:dc:0d:0c:6c

figure: output for 'h1 ping -c h4' (used for both a and b)

b. [20 pts] What is the source and destination IP addresses for these entries? Find another packet that matches the "of" filter with the OpenFlow typefield set to

OFPT_PACKET_OUT. What is the source and destination IP address for this entry? Take screenshots showing your results.

Source and destination for the numbered entries are as follows:

No. 275: ae:fa:dc:0d:oc:6c -> broadcast

No. 283: fa:1b:20:4b:6a:1b -> ae:fa:dc:0d:oc:6c

No: 287: 10.0.0.1 -> 10.0.0.4 No. 291: 10.0.0.4 -> 10.0.0.1

No. 315: fa:1b:30:4b:6a:1b -> ae:fa:dc:0d:0c:6c

No. 320: ae:fa:dc:0d:0c:6c -> fa:1b:30:4b:6a:1b

Packet that matches the "of" filter with the typefield set to OFT_PACKET_OUT is entry No. 276. Its source and destination IP are 127.0.0.1 -> 120.0.0.1

276 291.3472710(127.0.0.1	127.0.0.1	0F 1.0	92 of packet out

figure: event of packet with typefield set to OFT_PACKET_OUT

c. [20 pts] Replace the display filter for "of" to "icmp && not of". Run pingall again, how many entries are generated in wireshark? What types of icmp entries show up? Take a screenshot of your results

51 entries are displayed when pingall is run on the display filter "icmp && not of". These entries are of type "request" or "reply"

18.4.20230001 10.0.0.2 10.0.0.1 10.0.0.2 10.0.0.1 10.0.0.2 10.0.0.1 10.0.0.3 10.0.0.4 10.0.0 10.	22 14.20991000(10.0.0.1	10.0.0.2	ICMP	100 Echo (ping) request id=0x0c81, seq=1/256, ttl=64
20 12.120300001 10.0.0.2 10.0.0.1 100P 100E (che (ping) reply id-dewRed.1, seq-1/256, titl-s64 (1.00P 100E (che (ping) reply id-dewRed.3, seq-1/256, titl-s64 (1.00P 100E (che (ping) request id-dewRed.4, seq-1/256, titl-s64 (1.00P 100E (che (ping) request id-dewRed.5, seq-1/256, titl-s64 (1.00P 100E (che (pin		0.0000000000000000000000000000000000000	3000000	
20 1.2106/0609 19.0.0.2 10.0.0.3 1009 100 10				
4 14.22219900 10.0.0.1	Approximately and a second sec			
44 14.23139901 10.0.0.1 10.0.0.1 1099 100 Echo (ping) request id=0x8c8.s, seq=1/256, ttl=64 (request in 44) 49 14.213439901 10.0.0.3 10.0.0.1 1099 100 Echo (ping) reply id=0x8c8.s, seq=1/256, ttl=64 (request in 44) 49 14.213439901 10.0.0.1 10.0.0.4 1099 100 Echo (ping) reply id=0x8c8.s, seq=1/256, ttl=64 (request in 44) 49 14.213439901 10.0.0.1 10.0.4 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 46) 49 14.213439901 10.0.0.1 10.0.4 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 46) 40 14.213439901 10.0.0.1 10.0.4 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 46) 40 14.2134399101 10.0.0.4 10.0.1 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 53) 10.21349901 10.0.0.4 10.0.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 53) 10.21349901 10.0.0.4 10.0.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 53) 10.0.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 53) 10.0.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 100.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 100.0.1 1099 100 Echo (ping) reply id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (reply in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (reply in 63) 10.0.0.2 1099 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 100) 100 Echo (ping) request id=0x8c4.s, seq=1/256, ttl=64 (request in 100) 100 E				
## 14.2332990 10.0.0.3 ## 14.2332990 10.0.0.3 ## 14.2332990 10.0.0.1 ## 10.0.0.4 ## 10.0.0.6				
49 14.21333999 10.0.0.3 10.0.0.4 109 100 Echo (ping) repity id=0x0c83, seq=1/256, tt1-64 12.1453999 10.0.0.1 10.0.0.4 109 100 Echo (ping) request id=0x0c84, seq=1/256, tt1-64 12.1453999 10.0.0.1 10.0.0.4 109 100 Echo (ping) request id=0x0c84, seq=1/256, tt1-64 12.1453999 10.0.0.1 10.0.0.4 109 100 Echo (ping) request id=0x0c84, seq=1/256, tt1-64 12.1453999 10.0.0.1 10.0.0.4 109 100 Echo (ping) request id=0x0c84, seq=1/256, tt1-64 (request in 55) 10.2135999 10.0.0.1 10.0.0.4 100 100 Echo (ping) reputs id=0x0c84, seq=1/256, tt1-64 (request in 55) 10.2135999 10.0.0.4 10.0.0.1 109 100 Echo (ping) reputs id=0x0c84, seq=1/256, tt1-64 (request in 55) 10.2135999 10.0.0.0.2 10.0.0.1 109 100 Echo (ping) reputs id=0x0c84, seq=1/256, tt1-64 (request in 55) 10.213599 10.0.0.2 10.0.0.1 109 100 Echo (ping) reputs id=0x0c85, seq=1/256, tt1-64 (request in 55) 10.0.0.2 109 100 Echo (ping) request id=0x0c85, seq=1/256, tt1-64 (request in 63) (request id=0x0c85, seq=1/256, tt1-64 (request in 62) (request id=0x0c85, seq=1/256,				
## 14.714339600 1.0.0.0.1 ## 10.0.0.4 ## 10.0.0.1 ## 10.0.0.4 ## 10.0.0.1 ## 10.0.0.4 ## 10.0.0.1 ## 10.0.0.4 ## 10.0.0.1 ## 1				
\$14.7145900001.00.00.1 \$10.00.04.1 \$10.00.				
\$14.714590001 10.0.0.1 \$14.714590001 10.0.0.1 \$14.714590001 10.0.0.1 \$14.714590001 10.0.0.1 \$14.714590001 10.0.0.0.1 \$15.12.714590001 10.0.0.0.1 \$15.12.714590001 10.0.0.0.1 \$15.12.714590001 10.0.0.0.1 \$15.12.714590001 10.0.0.0.1 \$15.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.71495901 10.0.0.1 \$16.12.71495901 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.714959001 10.0.0.1 \$16.12.7149590				
100 100				
10.6.0.4 10.6.0.1 10.6.0.4 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.1 10.6.0.2 10.6.0.3 10.6.0.4 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.2 10.6.0.3 10.6.0.1 10.6.0.2 10.6.0.3 10.6.0.1 10.6.0.3				
59 14.214999001 10.0.0.4 10.0.0.1 ICPP 100 Etch (ping) reply id=bx0c24, seq=1/256, ttt=64 10.0.0.1 ICPP 100 Etch (ping) reply id=bx0c24, seq=1/256, ttt=64 10.0.0.1 ICPP 100 Etch (ping) request id=bx0c25, seq=1/256, ttt=64 (request in 55) 10.0.0.1 ICPP 100 Etch (ping) request id=bx0c25, seq=1/256, ttt=64 (request in 63) ICPP 100 Etch (ping) request id=bx0c25, seq=1/256, ttt=64 (request in 63) ICPP 100 Etch (ping) reply id=bx0c25, seq=1/256, ttt=64 (request in 63) ICPP				
Section Sect				
6 14.2163100 10.0.0.2 10.0.0.1 ICMP 100 Etch (ping) request id=0x8c85, seq=1/256, ttl=64 (reply in 64) 63 14.2193000 10.0.0.1 10.0.0.2 ICMP 100 Etch (ping) reply id=0x8c85, seq=1/256, ttl=64 (request in 63) 67 14.2173000 10.0.0.1 10.0.0.2 ICMP 100 Etch (ping) reply id=0x8c85, seq=1/256, ttl=64 (request in 63) 67 14.2173000 10.0.0.2 10.0.0.3 ICMP 100 Etch (ping) reply id=0x8c85, seq=1/256, ttl=64 (request in 63) 67 14.22193000 10.0.0.2 10.0.0.3 ICMP 100 Etch (ping) reply id=0x8c86, seq=1/256, ttl=64 (request in 82) 10.0.0.3 ICMP 100 Etch (ping) reply id=0x8c86, seq=1/256, ttl=64 (request in 82) 10.0.0.3 ICMP 100 Etch (ping) reply id=0x8c86, seq=1/256, ttl=64 (request in 82) 10.0.0.4 ICMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (request in 82) 10.0.0.4 ICMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (request in 82) 10.0.0.4 ICMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.222231900 10.0.0.2 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.222231900 10.0.0.4 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.22231900 10.0.0.4 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.22231900 10.0.0.4 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.22231900 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (reply in 91) 14.22462000 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c87, seq=1/256, ttl=64 (request in 90) 14.22462000 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl=64 (request in 90) 14.22462000 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl=64 (request in 90) 14.22497700 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl=64 (request in 90) 14.22497700 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl=64 (request in 90) 14.22497700 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl=64 (request in 100) 101 14.22777500 10.0.0.3 IOMP 100 Etch (ping) request id=0x8c88, seq=1/256, ttl				
63 14.210937061 10.0.0.2 10.0.0.1 10.0.0.1 10.0.0.2 IOP 100 Echo (ping) request id=0x0c05, seq=1/256, ttl=64 (request in 63) 67 14.21723800 10.0.0.1 10.0.0.2 IOP 100 Echo (ping) request id=0x0c05, seq=1/256, ttl=64 (request in 63) 67 14.21723800 10.0.0.2 10.0.0.3 IOP 100 Echo (ping) request id=0x0c05, seq=1/256, ttl=64 (request in 63) 68 14.220995000 10.0.0.3 10.0.0.2 IOP 100 Echo (ping) request id=0x0c05, seq=1/256, ttl=64 (request in 62) 68 14.22215900 10.0.0.3 10.0.0.2 IOP 100 Echo (ping) request id=0x0c05, seq=1/256, ttl=64 (request in 62) 68 14.222159000 10.0.0.2 10.0.0.4 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.222159000 10.0.0.2 10.0.0.4 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.222159000 10.0.0.2 10.0.0.4 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.22252100 10.0.0.2 10.0.0.4 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.22252100 10.0.0.2 10.0.0.2 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.22252100 10.0.0.2 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.2225100 10.0.0.3 10.0.0.1 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.22418500 10.0.0.3 10.0.0.1 IOP 100 Echo (ping) request id=0x0c07, seq=1/256, ttl=64 (request in 62) 68 14.22418500 10.0.0.3 10.0.0.1 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 62) 68 14.22418500 10.0.0.3 10.0.0.1 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 62) 10.0.0.3 10.0.0.2 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 62) 10.0.0.3 10.0.0.2 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 62) 10.0.0.3 10.0.0.3 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 106) 110 14.22777500 10.0.0.3 10.0.0.3 IOP 100 Echo (ping) request id=0x0c08, seq=1/256, ttl=64 (request in 106) 110 14.22977300 10.0.0.4 10.0.0.3 IOP 100 Echo (ping) request	The first of the control of the cont			
6 14.219944091 19.0.0.1 10.0.0.2 10PP 109 Echo (ping) reply 104-00c085, seq-1/256, tt16-64 (request in 63) 10PP 199 Echo (ping) reply 104-00c085, seq-1/256, tt16-64 (request in 63) 10PP 190 Echo (ping) reply 104-00c085, seq-1/256, tt16-64 (request in 62) 10PP 190 Echo (ping) request 104-00c086, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c086, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c086, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 82) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 92) 10PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 106) 11PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 106) 11PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 106) 11PP 190 Echo (ping) request 104-00c087, seq-1/256, tt16-64 (request in 1125) 11PP 190 Echo (ping) request 104-00c08	AND THE STATE OF T			
10 10 10 10 10 10 10 10	Comment of the commen			
79 14.220649906 10.0.0.2 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 (reply in 83) 83 14.220950906 10.0.0.3 10.0.0.2 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 (request in 82) 86 14.221250906 10.0.0.2 10.0.0.4 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.4 1CMP 100 Echo (ping) request id=0x8067, seq=1/256, ttl=64 10.0.0.2 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 10.0.0.3 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 1CMP 1CMP 100 Echo (ping) request id=0x8068, seq=1/256, ttl=64 1CMP 1CMP 1CMP 1CMP 1CMP 1CMP 1CMP 1CMP 1CMP	67 14.21723800(10.0.0.1	10.0.0.2	ICMP	
82 14.220950808 10.0.0.2 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x068, seq=1/256, ttl=64 (request in 82) 83 14.22155061 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) reply id=0x0686, seq=1/256, ttl=64 (request in 82) 86 14.221255061 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0687, seq=1/256, ttl=64 (request in 82) 87 14.222150001 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0687, seq=1/256, ttl=64 (request in 82) 87 14.222150001 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0687, seq=1/256, ttl=64 (request in 90) 14.2225150001 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0687, seq=1/256, ttl=64 (request in 90) 14.2225150001 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) reply id=0x0687, seq=1/256, ttl=64 (request in 90) 14.2225150001 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) reply id=0x0687, seq=1/256, ttl=64 (request in 90) 14.2246520001 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 90) 14.2246520001 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 90) 162 14.224977001 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 90) 162 14.224977001 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 90) 162 14.224977001 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 90) 162 14.2229572001 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 100) 161 14.227175001 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0689, seq=1/256, ttl=64 (request in 100) 161 14.227175001 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0689, seq=1/256, ttl=64 (request in 100) 161 14.229572001 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0689, seq=1/256, ttl=64 (request in 125) 161 14.229572001 10.0.0.4 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 125) 161 14.229572001 10.0.0.4 ICMP 100 Echo (ping) request id=0x0688, seq=1/256, ttl=64 (request in 133) 14.23				
86 14.222159000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c85, seq=1/256, ttl=64 87 14.22219000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 87 14.22219000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 88 14.22251300 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 (request in 90) 99 14.22251300 10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 (request in 90) 91 14.22251300 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 95 14.22241500 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 98 14.22243500 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 98 14.22243700 10.0.0.3 10.0.0.1 ICMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 98 14.222497700 10.0.0.1 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 101 14.22297700 10.0.0.1 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 102 14.22297700 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 103 14.22711700 10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 104 14.22711700 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 105 14.22997700 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 106 14.22711700 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 107 14.227977500 10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 108 14.229977800 10.0.0.0 10.0.0 10.0.0 10.0.0 10.0 1	82 14.22095600€ 10.0.0.2	10.0.0.3	ICMP	
R7 14.22219000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64	83 14.22096300€ 10.0.0.3	10.0.0.2	ICMP	100 Echo (ping) reply id=0x0c86, seq=1/256, ttl=64 (request in 82)
87 14.22219080f 10.0.0.2	86 14.22125500(10.0.0.3	10.0.0.2	ICMP	100 Echo (ping) reply id=0x0c86, seq=1/256, ttl=64
90 14.222513000 10.0.0.2 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 (request in 90) 11.222515000 10.0.0.4 10.0.0.2 1CMP 100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 (request in 90) 49 14.222615000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 (request in 90) 14.224626000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (request in 90) 14.224626000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (request in 98) 14.224633000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98) 102 14.224977000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 90) 102 14.227177000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (request in 100 14.227177000 10.0.0.3 10.0.0.2 1CMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (request in 100 11.22717400 10.0.0.3 10.0.0.2 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.22717400 10.0.0.3 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.227775000 10.0.0.3 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.22972000 10.0.0.3 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 100 110 14.229586000 10.0.0.3 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229586000 10.0.0.3 10.0.0.4 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229673000 10.0.0.4 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229673000 10.0.0.4 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.23157000 10.0.0.4 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.231524000 10.0.0.4 10.0.0.1 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in	87 14.22219000€ 10.0.0.2	10.0.0.4	ICMP	100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64
90 14.222513000 10.0.0.2 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 (request in 90) 11.222515000 10.0.0.4 10.0.0.2 1CMP 100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 (request in 90) 49 14.222615000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 (request in 90) 14.224626000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (request in 90) 14.224626000 10.0.0.3 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (request in 98) 14.224633000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98) 102 14.224977000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 90) 102 14.227177000 10.0.0.1 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (request in 100 14.227177000 10.0.0.3 10.0.0.2 1CMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (request in 100 11.22717400 10.0.0.3 10.0.0.2 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.22717400 10.0.0.3 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.227775000 10.0.0.3 10.0.0.3 1CMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 100 110 14.22972000 10.0.0.3 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 100 110 14.229586000 10.0.0.3 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229586000 10.0.0.3 10.0.0.4 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229673000 10.0.0.4 10.0.0.3 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 125 14.229673000 10.0.0.4 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.23157000 10.0.0.4 10.0.0.1 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.231524000 10.0.0.4 10.0.0.1 10.0.0.4 1CMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in				
91 14.22252100f 10.0.0.4	87 14.22219000€ 10.0.0.2	10.0.0.4	ICMP	100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64
94 14.222815906 18.0.0.4 18.0.0.2 ICMP 100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 95 14.224165906 18.0.0.3 18.0.0.1 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 96 14.224626000 18.0.0.3 18.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (reply in 99) 97 14.22463300 18.0.0.1 18.0.0.3 ICMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98) 102 14.22497700 18.0.0.1 18.0.0.3 ICMP 100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (request in 98) 103 14.225699000 18.0.0.3 18.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 106 14.22711700 18.0.0.3 18.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 107 14.22712400 18.0.0.2 18.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 108 14.227977900 18.0.0.3 18.0.0.4 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 109 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 109 Echo (ping) re	90 14.22251300(10.0.0.2	10.0.0.4	ICMP	100 Echo (ping) request id=0x0c87, seq=1/256, ttl=64 (reply in 91)
95 14.22418500(10.0.0.3	91 14.22252100(10.0.0.4	10.0.0.2	ICMP	100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64 (request in 90)
98 14.22462600(10.0.0.3	94 14.22281500(10.0.0.4	10.0.0.2	ICMP	100 Echo (ping) reply id=0x0c87, seq=1/256, ttl=64
99 14.22463300(10.0.0.1 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98) 102 14.22497700(10.0.0.1 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98) 112 14.22659000(10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (reply in 107) 107 14.22717200(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22777500(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22777500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22957200(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22957200(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (reply in 126) 126 14.22958000(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 125) 129 14.22958000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 (request in 125) 129 14.22958000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 (request in 125) 129 14.2295800(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 14.23115700(10.0.4 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.23115400(10.0.0.1 10.0.4 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 (request in 133) 137 14.23115400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 (request in 141) 145 14.23304000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 (request in 141) 145 14.23316400(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 141) 145 14.23316400(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (request in 141) 145 14.23364500(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c80, seq=1/256, ttl=64 (reply in 150) 140 14.236645	95 14.22418500(10.0.0.3	10.0.0.1	ICMP	100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64
102 14.22497700(10.0.0.1 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c80, seq=1/256, ttl=64 103 14.22669900(10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 106 14.22711700(10.0.0.3 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (reply in 107) 107 14.22712700(10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22777500(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106) 110 14.22777500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 122 14.22958000(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, ttl=64 (request in 125) 126 14.22958000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125) 126 14.22958000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125) 129 14.22958000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125) 129 14.22959000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (request in 133 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (request in 134 14.23116400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.2315700(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23154000(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (request in 141) 14.23093900(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 141) 14.23093900(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 14.2316400(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 14.23093900(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 14.23664500(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d,	98 14.22462600(10.0.0.3	10.0.0.1	ICMP	100 Echo (ping) request id=0x0c88, seq=1/256, ttl=64 (reply in 99)
103 14.226699000 10.0.0.3	99 14.22463300(10.0.0.1	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64 (request in 98)
106 14.22711700(10.0.0.3	102 14.22497700(10.0.0.1	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c88, seq=1/256, ttl=64
107 14.22712400(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, tt1=64 (request in 106) 110 14.22777500(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, tt1=64 (request in 106) 120 14.22927200(10.0.0.3 10.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, tt1=64 (reply in 126) 14.22958000(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, tt1=64 (reply in 126) 126 14.2295800(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, tt1=64 (request in 125) 129 14.22997300(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, tt1=64 (request in 125) 130 14.23090000(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 (reply in 134) 131 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 (reply in 134) 134 14.23115700(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 (request in 134) 138 14.23264400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 (request in 134) 138 14.233430000(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 (request in 141) 145 14.233430000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 149) 140.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, tt1=64 (request in 149) 140.0.0.3 ICMP 100 Echo (ping) reque	103 14.22669000(10.0.0.3	10.0.0.2	ICMP	100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64
110 14.22777500(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c89, seq=1/256, tt1=64 122 14.22977260(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, tt1=64 125 14.22958000(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, tt1=64 (reply in 126) 126 14.22958600(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, tt1=64 (request in 125) 129 14.22957300(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, tt1=64 130 14.23090000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 131 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, tt1=64 132 14.23115700(10.0.0.4 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 138 14.23264400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, tt1=64 138 14.2336400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, tt1=64 141 14.23310000(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, tt1=64 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 149 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, tt1=64 149 14.2336800(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, tt1=64 149 14.23665700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, tt1=64 149 14.23665700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, tt1=64 149 14.23665700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, tt1=64 (request in 149)	106 14.22711700(10.0.0.3	10.0.0.2	ICMP	100 Echo (ping) request id=0x0c89, seq=1/256, ttl=64 (reply in 107)
122 14.22927200(10.0.0.3 10.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, ttl=64 125 14.22958000(10.0.0.3 10.0.4 ICMP 100 Echo (ping) request id=0x0c8a, seq=1/256, ttl=64 (reply in 126) 126 14.22958600(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125) 129 14.22907300(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 130 14.23090000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 131 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23115700(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.23264400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.2332000(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 149 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 150) 150 14.23664500(10.0.0.3 1CMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 1CMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 1CMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 1CMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150)	107 14.22712400(10.0.0.2	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64 (request in 106)
125 14.229586000 10.0.0.3	110 14.22777500(10.0.0.2	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c89, seq=1/256, ttl=64
126 14.22958600(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125) 129 14.22967300(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 130 14.23090000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 133 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23116400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 138 14.2315400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 141) 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.233100000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149) 140 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (req	122 14.22927200(10.0.0.3	10.0.0.4	ICMP	100 Echo (ping) request id=0x0c8a, seq=1/256, ttl=64
129 14.22987300(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 130 14.23990000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 131 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23115400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.23310000(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 142 14.23310000(10.0.0.4 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 147 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 149 14.23618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23665500(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)	125 14.22958000(10.0.0.3	10.0.0.4	ICMP	100 Echo (ping) request id=0x0c8a, seq=1/256, ttl=64 (reply in 126)
130 14.23190000(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 131 14.23115700(10.0.0.4 10.0.0.1 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23115400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.233939300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 147 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 149 14.23618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23665500(10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (reply in 150)	126 14.22958600(10.0.0.4	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64 (request in 125)
133 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23116400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 141 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.233100000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 146 14.23618200(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 140 140 14.236618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149)	129 14.22987300€ 10.0.0.4	10.0.0.3	ICMP	100 Echo (ping) reply id=0x0c8a, seq=1/256, ttl=64
133 14.23115700(10.0.0.4 10.0.0.1 ICMP 100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64 (reply in 134) 134 14.23116400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 141 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.233100000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 146 14.23618200(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 140 140 14.236618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149)	130 14.23090000€ 10.0.0.4	10.0.0.1	ICMP	100 Echo (ping) request id=0x0c8b, seq=1/256, ttl=64
134 14.2316400(10.0.0.1 10.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 (request in 133) 137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23618200(10.0.0.2 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23665700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)				
137 14.23152400(10.0.0.1 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8b, seq=1/256, ttl=64 138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.23309300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23665500(10.0.0.3 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149)	134 14.23116400€ 10.0.0.1	10.0.0.4	ICMP	
138 14.23264400(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 141 14.23390300(10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.233618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (request in 149)	137 14.23152400(10.0.0.1	10.0.0.4	ICMP	
141 14.233093000 10.0.0.4 10.0.0.2 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (reply in 142) 142 14.233100000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.233468000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.233468000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.236182000 10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 149 14.236647800 10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (request in 150) 150 14.23665500 10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) request id=0x0c8c, seq=1/256, ttl=64 (request in 149)				
142 14.23310000(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 (request in 141) 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23618200(10.0.0.4 10.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)				
145 14.23346800(10.0.0.2 10.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 145 14.23346800(10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.23618200(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)				
145 14.233468000 10.0.0.2 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64 146 14.236182000 10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.236647000 10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.236655000 10.0.0.3 10.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)				
146 14.23618200f10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 149 14.23664700f10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500f10.0.0.3 10.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)				
149 14.23664700(10.0.0.4 10.0.0.3 ICMP 100 Echo (ping) request id=0x0c0d, seq=1/256, ttl=64 (reply in 150) 150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c0d, seq=1/256, ttl=64 (request in 149)	145 14.23346800€ 10.0.0.2	10.0.0.4	ICMP	100 Echo (ping) reply id=0x0c8c, seq=1/256, ttl=64
150 14.23665500(10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64 (request in 149)	146 14.236182000 10.0.0.4	10.0.0.3	ICMP	100 Echo (ping) request id=0x0c8d, seq=1/256, ttl=64
	and the second s			
153 14.23696300f 10.0.0.3 10.0.0.4 ICMP 100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64				
	153 14.23696300€ 10.0.0.3	10.0.0.4	ICMP	100 Echo (ping) reply id=0x0c8d, seq=1/256, ttl=64

figure: output of pingall when run on display filter "icmp && not of"