lab1

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- 3 курс, 1 группа, MCC
- вариант #19
- github lab link

1. hostname

MacBook-Pro-Ivan.local

2. ipconfig

• ip-addres: 10.160.56.63

subnet mask: 255.255.128.0gateway: open.wifi.bsu

• dhcp address: 10.0.0.20

• mac-address: 72:00:06:67:22:40

• dns-address: 10.0.0.20

3. ping

address	ttl	time
10.150.1.5	254	13ms
10.150.1.1	126	28ms
10.0.0.20	127	9ms
10.150.6.29	126	2ms
10.150.3.30	126	2ms

• ping 10.150.1.5:

```
PING 10.150.1.5 (10.150.1.5): 56 data bytes

64 bytes from 10.150.1.5: icmp_seq=0 ttl=254 time=12.983 ms

64 bytes from 10.150.1.5: icmp_seq=1 ttl=254 time=7.325 ms

64 bytes from 10.150.1.5: icmp_seq=2 ttl=254 time=11.669 ms

64 bytes from 10.150.1.5: icmp_seq=3 ttl=254 time=13.142 ms

64 bytes from 10.150.1.5: icmp_seq=4 ttl=254 time=101.383 ms

--- 10.150.1.5 ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 7.325/29.300/101.383/36.103 ms
```

• ping 10.150.1.1:

```
PING 10.150.1.1 (10.150.1.1): 56 data bytes
64 bytes from 10.150.1.1: icmp_seq=0 ttl=126 time=40.251 ms
64 bytes from 10.150.1.1: icmp_seq=1 ttl=126 time=9.657 ms
```

```
64 bytes from 10.150.1.1: icmp_seq=2 ttl=126 time=3.135 ms
64 bytes from 10.150.1.1: icmp_seq=3 ttl=126 time=28.235 ms
64 bytes from 10.150.1.1: icmp_seq=4 ttl=126 time=5.278 ms

--- 10.150.1.1 ping statistics ---
5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 3.135/17.311/40.251/14.491 ms
```

• ping 10.0.0.20:

```
PING 10.0.0.20 (10.0.0.20): 56 data bytes

64 bytes from 10.0.0.20: icmp_seq=0 ttl=127 time=3.809 ms

64 bytes from 10.0.0.20: icmp_seq=1 ttl=127 time=3.546 ms

64 bytes from 10.0.0.20: icmp_seq=2 ttl=127 time=9.281 ms

64 bytes from 10.0.0.20: icmp_seq=3 ttl=127 time=17.810 ms

64 bytes from 10.0.0.20: icmp_seq=4 ttl=127 time=12.888 ms

--- 10.0.0.20 ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 3.546/9.467/17.810/5.448 ms
```

• ping 10.150.6.29:

```
PING 10.150.6.29 (10.150.6.29): 56 data bytes

64 bytes from 10.150.6.29: icmp_seq=0 ttl=126 time=5.058 ms

64 bytes from 10.150.6.29: icmp_seq=1 ttl=126 time=4.163 ms

64 bytes from 10.150.6.29: icmp_seq=2 ttl=126 time=1.922 ms

64 bytes from 10.150.6.29: icmp_seq=3 ttl=126 time=1.946 ms

64 bytes from 10.150.6.29: icmp_seq=4 ttl=126 time=1.847 ms

--- 10.150.6.29 ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss

round-trip min/avg/max/stddev = 1.847/2.987/5.058/1.356 ms
```

• ping 10.150.3.30:

```
PING 10.150.3.30 (10.150.3.30): 56 data bytes

64 bytes from 10.150.3.30: icmp_seq=0 ttl=126 time=1.469 ms

64 bytes from 10.150.3.30: icmp_seq=1 ttl=126 time=28.628 ms

64 bytes from 10.150.3.30: icmp_seq=2 ttl=126 time=2.202 ms

64 bytes from 10.150.3.30: icmp_seq=3 ttl=126 time=2.161 ms

64 bytes from 10.150.3.30: icmp_seq=4 ttl=126 time=2.090 ms

--- 10.150.3.30 ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 1.469/7.310/28.628/10.662 ms
```

<u>ya.ru</u>	93.158.134.3	78ms
yandex.ru	5.255.255.55	64ms
tut.by	178.172.160.2	7ms
onliner.by	178.124.129.14	9ms

• ping ya.ru:

```
PING ya.ru (93.158.134.3): 56 data bytes

64 bytes from 93.158.134.3: icmp_seq=0 ttl=51 time=78.590 ms

64 bytes from 93.158.134.3: icmp_seq=1 ttl=51 time=78.794 ms

64 bytes from 93.158.134.3: icmp_seq=2 ttl=51 time=79.144 ms

64 bytes from 93.158.134.3: icmp_seq=3 ttl=51 time=79.358 ms

64 bytes from 93.158.134.3: icmp_seq=4 ttl=51 time=78.066 ms

--- ya.ru ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss

round-trip min/avg/max/stddev = 78.066/78.790/79.358/0.450 ms
```

• ping yandex.ru:

```
PING yandex.ru (5.255.255.55): 56 data bytes

64 bytes from 5.255.255.55: icmp_seq=0 ttl=52 time=62.885 ms

64 bytes from 5.255.255.55: icmp_seq=1 ttl=52 time=66.083 ms

64 bytes from 5.255.255.55: icmp_seq=2 ttl=52 time=64.771 ms

64 bytes from 5.255.255.55: icmp_seq=3 ttl=52 time=64.913 ms

64 bytes from 5.255.255.55: icmp_seq=4 ttl=52 time=67.250 ms

--- yandex.ru ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 62.885/65.180/67.250/1.456 ms
```

• ping tut.by:

```
PING tut.by (178.172.160.2): 56 data bytes

64 bytes from 178.172.160.2: icmp_seq=0 ttl=57 time=3.890 ms

64 bytes from 178.172.160.2: icmp_seq=1 ttl=57 time=6.985 ms

64 bytes from 178.172.160.2: icmp_seq=2 ttl=57 time=5.929 ms

64 bytes from 178.172.160.2: icmp_seq=3 ttl=57 time=18.421 ms

64 bytes from 178.172.160.2: icmp_seq=4 ttl=57 time=3.704 ms

--- tut.by ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 3.704/7.786/18.421/5.460 ms
```

• ping -c 19 -s 1000 onliner.by:

```
PING onliner.by (178.124.129.14): 1000 data bytes

1008 bytes from 178.124.129.14: icmp_seq=0 ttl=57 time=3.881 ms
```

```
1008 bytes from 178.124.129.14: icmp seq=1 ttl=57 time=27.734 ms
1008 bytes from 178.124.129.14: icmp_seq=2 ttl=57 time=4.349 ms
1008 bytes from 178.124.129.14: icmp seq=3 ttl=57 time=6.633 ms
1008 bytes from 178.124.129.14: icmp seq=4 ttl=57 time=15.975 ms
1008 bytes from 178.124.129.14: icmp seq=5 ttl=57 time=7.877 ms
1008 bytes from 178.124.129.14: icmp seq=6 ttl=57 time=3.745 ms
1008 bytes from 178.124.129.14: icmp seq=7 ttl=57 time=8.865 ms
1008 bytes from 178.124.129.14: icmp seq=8 ttl=57 time=10.251 ms
1008 bytes from 178.124.129.14: icmp seq=9 ttl=57 time=4.258 ms
1008 bytes from 178.124.129.14: icmp seq=10 ttl=57 time=3.463 ms
1008 bytes from 178.124.129.14: icmp seq=11 ttl=57 time=3.971 ms
1008 bytes from 178.124.129.14: icmp seq=12 ttl=57 time=3.804 ms
1008 bytes from 178.124.129.14: icmp seq=13 ttl=57 time=3.085 ms
1008 bytes from 178.124.129.14: icmp seq=14 ttl=57 time=11.908 ms
1008 bytes from 178.124.129.14: icmp seq=15 ttl=57 time=3.868 ms
1008 bytes from 178.124.129.14: icmp seq=16 ttl=57 time=4.033 ms
1008 bytes from 178.124.129.14: icmp seq=17 ttl=57 time=4.006 ms
1008 bytes from 178.124.129.14: icmp seq=18 ttl=57 time=5.871 ms
--- onliner.by ping statistics ---
19 packets transmitted, 19 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 3.085/7.241/27.734/5.891 ms
```

• ping localhost:

```
PING localhost (127.0.0.1): 56 data bytes

64 bytes from 127.0.0.1: icmp_seq=0 ttl=64 time=0.042 ms

64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.152 ms

64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.144 ms

64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.128 ms

64 bytes from 127.0.0.1: icmp_seq=4 ttl=64 time=0.121 ms

--- localhost ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 0.042/0.117/0.152/0.039 ms
```

4. traceroute

• traceroute -d tut.by:

```
1 open.wifi.bsu (10.160.0.1) 2.691 ms 1.205 ms 1.151 ms

2 border-gw.net.bsu (10.149.8.252) 1.170 ms 3.122 ms 1.241 ms

3 * * *

4 * * *

5 * 195.137.180.124 (195.137.180.124) 22.113 ms 2.973 ms

6 * 93.84.125.193 (93.84.125.193) 17.016 ms 10.495 ms

7 * 178.124.134.214 (178.124.134.214) 34.262 ms 2.414 ms

8 * * *
```

• traceroute -m 8 onliner.by

```
1 open.wifi.bsu (10.160.0.1) 3.157 ms 3.358 ms 3.689 ms
2 border-gw.net.bsu (10.149.8.252) 2.687 ms 3.225 ms 3.351 ms
3 * * *
4 * * *
5 195.137.180.124 (195.137.180.124) 7.355 ms 11.189 ms 6.307 ms
6 * 93.84.125.189 (93.84.125.189) 12.684 ms 12.394 ms
7 178.124.134.214 (178.124.134.214) 2.132 ms 3.416 ms 2.957 ms
8 * onliner.by (178.124.129.14) 5.241 ms 3.162 ms
```

5. arp

• arp -a

```
open.wifi.bsu (10.160.0.1) at 0:21:a0:c1:19:40 on en0 ifscope [ethernet]
? (10.160.127.255) at (incomplete) on en0 ifscope [ethernet]
? (224.0.0.251) at 1:0:5e:0:0:fb on en0 ifscope permanent [ethernet]
? (239.255.255.250) at 1:0:5e:7f:ff:fa on en0 ifscope permanent [ethernet]
```

6. netstat

• netstat -p TCP

```
Active Internet connections
Proto Recv-Q Send-Q Local Address
                                          Foreign Address
                                                                 (state)
                0 10.160.56.63.54536
          0
                                          23.99.116.116.https
                                                                 ESTABLISHED
tcp4
                 0 10.160.56.63.54535
                                          23.99.116.116.https
                                                                 ESTABLISHED
tcp4
                 0 10.160.56.63.54534
                                          23.99.116.116.https
                                                                 ESTABLISHED
tcp4
                0 10.160.56.63.54530
tcp4
          0
                                          janus2.intuit.ru.http ESTABLISHED
                 0 10.160.56.63.54525
                                          17.110.232.46.https
          0
                                                                 ESTABLISHED
tcp4
          0
                 0 10.160.56.63.54523
                                          17.154.66.159.http
                                                                 ESTABLISHED
tcp4
          0
                 0 10.160.56.63.54519
                                          ec2-52-203-218-1.https ESTABLISHED
tcp4
tcp4
          0
                 0 10.160.56.63.54518
                                          waw02s06-in-f10..https ESTABLISHED
                 0 10.160.56.63.54517
                                          waw02s06-in-f78..https ESTABLISHED
          0
tcp4
                                          waw02s07-in-f3.1.https ESTABLISHED
                 0 10.160.56.63.54512
tcp4
          0
                 0 10.160.56.63.54511
                                          95.213.11.180.https ESTABLISHED
tcp4
tcp4
          0
                 0 10.160.56.63.54508
                                          srv82-165-240-87.https ESTABLISHED
          0
                 0 10.160.56.63.54500
                                          tcp4
                 0 10.160.56.63.54498
                                          95.213.4.194.https
                                                                ESTABLISHED
tcp4
          0
                 0 10.160.56.63.54497
                                          ec2-52-0-252-241.https ESTABLISHED
tcp4
                 0 10.160.56.63.54487
                                          waw02s06-in-f5.1.https ESTABLISHED
tcp4
          0
                 0 10.160.56.63.54486
                                          waw02s06-in-f78..https ESTABLISHED
          0
tcp4
                                          waw02s06-in-f78..https ESTABLISHED
                 0 10.160.56.63.54485
tcp4
tcp4
          0
                 0 10.160.56.63.54477
                                          waw02s06-in-f78..https ESTABLISHED
                 0 10.160.56.63.54474
                                          li-in-f188.1e100.https ESTABLISHED
tcp4
          \cap
```

	0	^	10 100 50 60 54451	17 100 165 004 5000	DOMART TO:
tcp4	0	0	10.160.56.63.54471	17.188.165.204.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.54469	17.188.139.40.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.54466	lt-in-f189.1e100.https	ESTABLISHED
tcp4	0	0	10.160.56.63.54464	157.55.235.154.40023	ESTABLISHED
tcp4	0	0	10.160.56.63.54463	waw02s06-in-f4.1.https	ESTABLISHED
tcp4	0	0	10.160.56.63.54462	137.116.172.9.https	ESTABLISHED
tcp4	0	0	10.160.56.63.54460	91.190.217.44.12350	ESTABLISHED
tcp4	0	0	10.160.56.63.54459	40.77.226.192.https	ESTABLISHED
tcp4	0	0	cmm-server.54422	192.30.253.124.https	ESTABLISHED
tcp4	0	0	cmm-server.54044	192.30.253.125.https	ESTABLISHED
tcp4	0	0	10.160.56.63.54521	23.97.178.173.https	TIME_WAIT
tcp4	0	0	10.160.56.63.54524	23.97.178.173.https	TIME_WAIT
tcp4	0	0	10.160.56.63.54527	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54528	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54529	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54531	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54532	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54533	janus2.intuit.ru.http	TIME_WAIT
tcp4	0	0	10.160.56.63.54526	104.40.208.40.https	TIME_WAIT

• netstat -np TCP

Active I	nternet	conn	nections		
Proto Recv-Q Send-Q			Local Address	Foreign Address	(state)
tcp4	0	0	10.160.56.63.55750	52.72.183.95.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55748	216.58.209.46.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55746	216.58.209.46.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55744	216.58.209.78.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55740	216.58.209.78.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55739	216.58.209.67.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55729	192.30.253.125.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55718	151.101.36.133.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55716	17.188.165.202.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.55699	52.0.252.241.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55606	95.213.4.194.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55603	87.240.165.82.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55579	64.233.165.188.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55575	17.188.147.48.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.55573	209.85.233.189.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55571	111.221.77.143.40004	ESTABLISHED
tcp4	0	0	10.160.56.63.55541	149.154.167.51.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55531	207.46.151.217.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55530	40.77.226.192.443	ESTABLISHED
tcp4	0	0	10.160.56.63.55529	91.190.216.53.12350	ESTABLISHED
tcp4	0	0	10.160.56.63.54662	192.30.253.125.443	ESTABLISHED

• netstat -a -s -r

Active I	internet	conn	ections		
			Local Address	Foreign Address	(state)
tcp4	0		10.160.56.63.55750	ec2-52-72-183-95.https	
tcp4	0	0	10.160.56.63.55748	waw02s05-in-f14https	ESTABLISHED
tcp4	0	0	10.160.56.63.55746	waw02s05-in-f14https	ESTABLISHED
tcp4	0	0	10.160.56.63.55744	waw02s06-in-f14https	ESTABLISHED
tcp4	0	0	10.160.56.63.55740	waw02s06-in-f14https	ESTABLISHED
tcp4	0	0	10.160.56.63.55739	waw02s06-in-f3.1.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55729	192.30.253.125.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55718	151.101.36.133.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55716	17.188.165.202.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.55699	ec2-52-0-252-241.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55606	95.213.4.194.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55603	srv82-165-240-87.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55579	lg-in-f188.1e100.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55575	17.188.147.48.5223	ESTABLISHED
tcp4	0	0	10.160.56.63.55573	lr-in-f189.1e100.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55571	111.221.77.143.40004	ESTABLISHED
tcp4	0	0	10.160.56.63.55541	149.154.167.51.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55531	207.46.151.217.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55530	40.77.226.192.https	ESTABLISHED
tcp4	0	0	10.160.56.63.55529	91.190.216.53.12350	ESTABLISHED
tcp4	0	0	10.160.56.63.54662	192.30.253.125.https	ESTABLISHED
ıdp4	0	0	10.160.56.63.59972	waw02s05-in-f14https	
ıdp4	0	0	10.160.56.63.58351	lt-in-f189.1e100.https	
ıdp6	0	0	*.65482	*.*	
ıdp4	0	0	*.65482	*.*	
udp6	0	0	*.55840	*.*	
udp4	0	0	*.55840	*.*	
udp6	0	0	*.49809	*.*	
udp4	0	0	*.49809	*.*	
udp6	0	0	*.50470	* • *	
udp4	0	0	*.50470	* • *	
udp4	0	0	10.160.56.63.21767	*.*	
udp4	0	0	* . *	* • *	
udp4	0	0	10.160.56.63.ntp	*.*	
udp6	0	0	fe80::47f:d7bc:8.ntp	*.*	
udp6	0	0	fe80::4479:65ff:.ntp	*.*	
udp4	0	0	* • *	* • *	
udp4	0	0	* . *	* • *	
udp46	0	0	*.53117	* • *	
udp4	0	0	* . *	* • *	
udp4	0	0	localhost.53116	* . *	
udp4	0	0	* . *	* • *	
udp4	0	0	* . *	* . *	
udp4	0	0	* . *	* . *	
udp4	0	0	* . *	* . *	
udp4	0	0	* . *	* • *	

udp4	0	0	* • *	* * *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.58403	* • *	
udp4	0	0	* • *	* *	
udp4	0	0	* • *	* * *	
udp4	0	0	* • *	* * *	
udp6	0	0	fe80::e41a:ed2d:.ntp	*.*	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	*.*	* • *	
udp4	0	0	* • *	* * *	
udp4	0	0	*.*	* • *	
udp4	0	0	* • *	* • *	
udp6	0	0	fe80::1%lo0.ntp	* *	
udp6	0	0	localhost.ntp	*.*	
udp4	0	0	localhost.ntp	*.*	
udp4	0	0	*.ntp	* * *	
udp6	0	0	*.ntp	*.*	
udp4	0	0	* • *	*.*	
udp4	0	0	* • *	*.*	
udp4	0	0	* • *	* * *	
udp4	0	0	* • *	* * *	
udp4	0	0	* • *	* * *	
udp4	0	0	* • *	* • *	
udp4	0	0	* • *	* • *	
udp4	0	0	* • *	* • *	
udp4	0	0	* • *	* • *	
udp4	0	0	* .*	* . *	
udp4	0	0	* • *	*.*	
udp4	0	0	* • *	*.*	
udp4	0	0	*.*	*.*	
udp4	0	0	*.*	*.*	
udp46	0	0	*.*	*.*	
udp6	0	0	*.mdns	*.*	
udp4	0	0	*.mdns	* *	
udp4	0	0	* • *	* * *	
udp4	0	0	* • *	* *	
udp4	0	0	* • *	* • *	
udp4	0	0	*.netbios-ns	*.*	
udp4	0	0	*.netbios-dgm	*.*	
Active M	ultipath	Int	ternet connections		
Proto/ID	Flags		Local Address	Foreign Address	(state)
icm6	0		* • *	* *	
Active Lo	OCAL (UN	IX)	domain sockets		

17440748760907 stresm	Addres	SS	Type	Recv-Q	Send-	Q	Inode	Conn	Refs	Nextref Addr	
1744b124a76c97b1 a.ceam	f744bf	24a76c949f	stream	0		0	0	f744bf24a76cbe07	0	0	
1/44b2247669301 stream	f744bf	24a76c962f	stream	0		0	0	f744bf24a76c97bf	0	0	
#744bP24a76c9adf atream	f744bf	24a76c97bf	stream	0		0	0	f744bf24a76c962f	0	0	
Triangragessally alream	f744bf	24a76c930f	stream	0		0	0	f744bf24a76c9adf	0	0	
1744b224acb76437 stream	f744bf	24a76c9adf	stream	0		0	0	f744bf24a76c930f	0	0	
### 1740-1743-00-1743-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-00-1743-00-1744-	f744bf	249c135a17	stream	0		0	0	f744bf249c135dff	0	0	
F744bF24acb759b7 stream	f744bf	24acb764a7	stream	0		0	0	f744bf24acb74d37	0	0	
### 1744bf24acb75o47 stream	f744bf	24acb74d37	stream	0		0	0	f744bf24acb764a7	0	0	
1744bf24acb737575 stream	f744bf	24acb759b7	stream	0		0	0	f744bf24acb75cd7	0	0	
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1744bf24acb763df stream	f744bf	24acb7575f	stream	0		0	0	f744bf24acb74adf	0	0	
### 1744bf24a76cadsf stream	f744bf	24acb74adf	stream	0		0	0	f744bf24acb7575f	0	0	
### 1744b124a76cba67 stream	f744bf	24acb763df	stream	0		0	0	f744bf24acb760bf	0	0	
### 1744bf24a76cbae7 stream	f744bf	24a76cad9f	stream	0		0	0	f744bf24a76cb6ff	0	0	
1744bf24ac9c92c77 stream 0 0 0 0 0 744bf249ce92c3df stream 0 0 0 744bf249cb7595bf 0 0 0 744bf24acb76c77 stream 0 0 0 744bf24acb7595bf 0 0 0 744bf24acb746b7 stream 0 0 0 744bf24acb758c7 0 0 0 744bf24acb746b7 stream 0 0 0 744bf24acb746b7 stream 0 0 0 744bf24acb746b7 0 0 744bf24acb758c7 stream 0 0 0 744bf24acb746b7 0 0 744bf24acb746b7 stream 0 0 744bf24acb746b7 0 0 744bf24acb746b7 stream 0 0 744bf24acb746b7 0 0 744bf24acb75dgf stream 0 0 744bf24acb746bf 0 0 744bf24acb75dgf 0 0 0 744bf24acb746b7 0 0 0 744bf24acb746b7 0 0 0 744bf24acb746b7 stream 0 0 744bf24acb73dgf 0 0 0 744bf24acb74b7 0 0 0 744bf24acb75dgf 0 0 0 744bf24acb73dff 0 0 0 0 744bf24acb73dff 0 0 0 0 744bf24acb73dff 0	f744bf	24a76cb4a7	stream	0		0	0	f744bf24a76cbae7	0	0	
### 1744bf249ec92c77 stream	f744bf	24a76cbae7	stream	0		0	0	f744bf24a76cb4a7	0	0	
### 1744bf249e932aff stream 0 0 0 0 f744bf249e932c77 0 0 0 0 0 f744bf249e932c77 0 0 0 0 0 f744bf249c932c77 0 0 0 0 0 f744bf249c932c77 0 0 0 0 0 f744bf24acb76c77 stream 0 0 0 0 f744bf24acb7694F 0 0 0 0 0 f744bf24acb76878 stream 0 0 0 0 f744bf24acb7887 0 0 0 0 0 f744bf24acb7887 0 0 0 0 0 f744bf24acb740b7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	24a76c9247	stream	0		0	0	0	0	0	
1744bf249c992ae7 stream 0 0 0 0 f744bf24ab75955cf 0 0 0 6744bf24acb76c77 stream 0 0 0 f744bf24acb7494f 0 0 0 6744bf24acb76c77 stream 0 0 0 f744bf24acb78827 0 0 0 6744bf24acb78827 0 0 0 6744bf24acb78827 stream 0 0 0 6744bf24acb78827 0 0 0 6744bf24acb78827 stream 0 0 0 6744bf24acb740b7 0 0 0 6744bf24acb76cff stream 0 0 0 6744bf24acb76cff 0 0 0 0 6744bf24acb76cff 0 0 0 0 0 6744bf24acb76cff 0 0 0 0 0 6744bf24acb76cff 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249ec92c77	stream	0		0	0	f744bf249ec923df	0	0	
f744bf24acb76e77 stream 0 0 f744bf24acb7494f 0 0 f744bf24acb74887 stream 0 0 f744bf24acb75827 0 0 f744bf24acb76867 stream 0 0 f744bf24acb74887 0 0 f744bf24acb766ff stream 0 0 f744bf24acb740b7 0 0 f744bf24acb760f5 stream 0 0 f744bf24acb766ff 0 0 f744bf24acb75d9f stream 0 0 f744bf24acb75d9f 0 0 f744bf24acb74bf5 stream 0 0 f744bf24acb75d9f 0 0 f744bf24acb74bf5 stream 0 0 f744bf24acb75d9f 0 0 f744bf24acb74bf5 stream 0 0 f744bf24acb73f6f 0 0 f744bf24acb73f6f stream 0 0 f744bf24acb73f6f 0 0 f744bf249c13530f stream 0 0 f744bf24acb73f6f 0 0 f744bf249c13788f stream 0 0 f744bf249c13f8f	f744bf	249ec923df	stream	0		0	0	f744bf249ec92c77	0	0	
### 1744bf24acb74887 stream	f744bf	249ec92ae7	stream	0		0	0	f744bf24b75955cf	0	0	
### F744bf24acb75927 stream 0 0 0 f744bf24acb74887 0 0 0 f744bf24acb74067 0 0 0 f744bf24acb74067 stream 0 0 0 f744bf24acb766ff 0 0 0 f744bf24acb765df stream 0 0 0 f744bf24acb765df 0 0 0 f744bf24acb75dgf stream 0 0 0 f744bf24acb75dgf 0 0 0 f744bf24acb75dgf stream 0 0 0 f744bf24acb75dgf 0 0 0 f744bf24acb75df stream 0 0 f744bf24acb75dgf 0 0 0 f744bf24acb74bf stream 0 0 0 f744bf24acb74bf 0 0 0 f744bf24acb74bf stream 0 0 0 f744bf24acb74bf 0 0 0 f744bf24acb74bf stream 0 0 0 f744bf24acb74bf 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 0 f744bf24acb73fef 0 0 0 f744bf24acb73fef stream 0 0 f744bf24acb73fef 0 0 0 f	f744bf	24acb76c77	stream	0		0	0	f744bf24acb7494f	0	0	
### 1744bf24acb766ff stream	f744bf	24acb74887	stream	0		0	0	f744bf24acb75827	0	0	
f744bf24acb740b7 stream 0 0 0 f744bf24acb766ff 0 0 f744bf24acb75d9f stream 0 0 0 f744bf24acb765ff 0 0 f744bf24acb765f stream 4 0 0 f744bf24acb745f 0 0 f744bf24acb747bf stream 0 0 0 f744bf24acb745f 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb74bf 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb74bf 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb73fef 0 0 f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c137187 0 0 f744bf249c1376507 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0	f744bf	24acb75827	stream	0		0	0	f744bf24acb74887	0	0	
f744bf24acb75d9f stream 0 0 0 f744bf24acb7656f 0 0 0 f744bf24acb7656f 0 0 0 f744bf24acb7656f stream 4 0 0 f744bf24acb7656f 0 0 0 f744bf24acb747bf stream 0 0 0 f744bf24acb74567 0 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb74567 0 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb7456f 0 0 0 f744bf24acb7456f stream 0 0 0 f744bf24acb7456f 0 0 0 f744bf24acb73fef 0 0 0 f744bf24accb73fef 0 0 0 f744bf24accaf 0 0 0 f74	f744bf	24acb766ff	stream	0		0	0	f744bf24acb740b7	0	0	
### 1744bf24acb7656f stream	f744bf	24acb740b7	stream	0		0	0	f744bf24acb766ff	0	0	
f744bf24acb747bf stream 0 0 f744bf24acb74567 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb747bf 0 0 f744bf24acb751e7 stream 0 0 0 f744bf249c134f27 0 0 f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 f744bf249c13788f stream 0 0 0 f744bf249c137187 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c13788f 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c1376ff 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0	f744bf	24acb75d9f	stream	0		0	0	f744bf24acb7656f	0	0	
f744bf24acb747bf stream 0 0 f744bf24acb74567 0 0 f744bf24acb74567 stream 0 0 0 f744bf24acb747bf 0 0 f744bf24acb751e7 stream 0 0 0 f744bf249c134f27 0 0 f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 f744bf249c13788f stream 0 0 0 f744bf249c137187 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c13788f 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c1376ff 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0	f744bf	24acb7656f	stream	4		0	0	f744bf24acb75d9f	0	0	
f744bf249c13530f stream 0 0 0 f744bf249c134f27 0 0 0 f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 0 f744bf249c13788f stream 0 0 0 f744bf249c13788f 0 0 0 f744bf249c13788f stream 0 0 0 f744bf249c137187 0 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c1376507 0 0 0 f744bf249c136507 stream 0 0 0 f744bf249c1376ff 0 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c13765f 0 0 f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 f744bf249c136567 stream 0 0 0 f744bf249c1361e7 0 0 f744bf249c926ff stream 0 0 0 f744bf249c90a17 0 0 f744bf249c90a17 stream 0 0 0 f744bf249c90a17 0 0 f744bf249c90a17 stream 0 0 0 f744bf249c90a17 0 0 f744bf249c90a17 stream 0 0 0 f744bf249c926ff 0 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall						0	0	f744bf24acb74567	0	0	
f744bf249c13530f stream 0 0 0 f744bf249c134f27 0 0 f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 f744bf249c13788f stream 0 0 0 f744bf249c137187 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c136507 0 0 f744bf249c136507 stream 0 0 0 f744bf249c1376ff 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c13756f 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 f744bf249ec926ff stream 0 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 0 f744bf249ec90a17 0 0 Registered kernel control modules id flags pc	f744bf	24acb74567	stream	0		0	0	f744bf24acb747bf	0	0	
f744bf249c137187 stream 0 0 0 f744bf249c13788f 0 0 0 f744bf249c13788f stream 0 0 0 f744bf249c137187 0 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c136507 0 0 0 f744bf249c136507 stream 0 0 0 f744bf249c1376ff 0 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 0 f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 0 f744bf249c13756f stream 0 0 f744bf249c13756f 0 0 0 f744bf249c13756f stream 0 0 f744bf249c135567 0 0 0 f744bf249c1361e7 stream 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 f744bf249c1361e7 0 0 f744bf249c926ff stream 0 0 f744bf249c90a17 0 0 f744bf249c90a17 stream 0 0 f744bf249c90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 f744bf249ec90a17 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 f744bf249ec90a17 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17	f744bf	24acb751e7	stream	0		0	0	f744bf24acb73fef	0	0	
f744bf249c13788f stream 0 0 0 0 f744bf249c137187 0 0 0 f744bf249c1376ff stream 0 0 0 f744bf249c136507 0 0 0 f744bf249c136507 stream 0 0 0 f744bf249c1376ff 0 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 f744bf249c13756f stream 0 0 f744bf249c13756f 0 0 f744bf249c13756f stream 0 0 f744bf249c1350b7 0 0 f744bf249c135567 stream 0 0 f744bf249c135567 0 0 f744bf249c135567 stream 0 0 f744bf249c135567 0 0 f744bf249c135567 stream 0 0 f744bf249c135161e7 0 0 f744bf249c926ff stream 0 0 f744bf249c90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 at a flags pebcount revbuf sndbuf name	f744bf	249c13530f	stream	0		0	0	f744bf249c134f27	0	0	
f744bf249c1376ff stream 0 0 0 0 f744bf249c136507 0 0 0 f744bf249c1376ff 0 0 0 f744bf249c137637 stream 0 0 0 0 f744bf249c1370bf 0 0 0 f744bf249c1370bf 0 0 0 f744bf249c1370bf stream 0 0 0 0 f744bf249c1370bf 0 0 0 f744bf249c1350b7 stream 0 0 0 0 f744bf249c13756f 0 0 0 f744bf249c1350b7 stream 0 0 0 0 f744bf249c1350b7 0 0 0 f744bf249c13756f stream 0 0 0 0 f744bf249c1350b7 0 0 0 f744bf249c135567 stream 0 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 0 f744bf249c1361e7 0 0 0 f744bf249ec926ff stream 0 0 0 0 f744bf249ec90a17 0 0 0 f744bf249ec90a17 stream 0 0 0 0 f744bf249ec90a17 0 0 0 f744bf249ec90a17 stream 0 0 0 f744bf249ec90a17 0 0 0 0 f744bf249ec90a17 stream 0 0 0 a f744bf249ec90a17 0 0 0 0 f744bf249ec90a17 stream 0 0 0 a f744bf249ec90a17 0 0 0 0 0 0 0 0 0 0 0 f744bf249ec90a17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249c137187	stream	0		0	0	f744bf249c13788f	0	0	
f744bf249c136507 stream 0 0 0 f744bf249c1376ff 0 0 f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 f744bf249ec926ff stream 0 0 0 f744bf249c90a17 0 0 f744bf249ec90a17 stream 0 0 0 f744bf249ec926ff 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249c13788f	stream	0		0	0	f744bf249c137187	0	0	
f744bf249c137637 stream 0 0 0 f744bf249c1370bf 0 0 f744bf249c1370bf stream 0 0 0 f744bf249c137637 0 0 0 f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c1361e7 0 0 f744bf249ec926ff stream 0 0 0 f744bf249c90a17 0 0 f744bf249ec90a17 stream 0 0 0 f744bf249ec90a17 0 0 0 f744bf249ec90a17 stream 0 0 0 f744bf249ec926ff 0 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249c1376ff	stream	0		0	0	f744bf249c136507	0	0	
f744bf249c1370bf stream 0 0 0 0 f744bf249c137637 0 0 0 f744bf249c1370b7 stream 0 0 0 f744bf249c13756f 0 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c926ff stream 0 0 0 f744bf249c920a17 0 0 f744bf249ec926ff stream 0 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249c136507	stream	0		0	0	f744bf249c1376ff	0	0	
f744bf249c1350b7 stream 0 0 0 f744bf249c13756f 0 0 0 f744bf249c13756f stream 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249ec926ff stream 0 0 0 f744bf249c1361e7 0 0 f744bf249ec926ff stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec90a17 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249c137637	stream	0		0	0	f744bf249c1370bf	0	0	
f744bf249c13756f stream 0 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c1361e7 0 0 0 f744bf249ec926ff stream 0 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249c1370bf	stream	0		0	0	f744bf249c137637	0	0	
f744bf249c13756f stream 0 0 0 0 f744bf249c1350b7 0 0 f744bf249c1361e7 stream 0 0 0 f744bf249c135567 0 0 0 f744bf249c135567 stream 0 0 0 f744bf249c1361e7 0 0 0 f744bf249ec926ff stream 0 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 f744bf249ec926ff 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f744bf	249c1350b7	stream	0		0	0	f744bf249c13756f	0	0	
f744bf249c135567 stream 0 0 0 f744bf249c1361e7 0 0 f744bf249ec926ff stream 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249c13756f	stream	0		0	0	f744bf249c1350b7	0	0	
f744bf249ec926ff stream 0 0 0 f744bf249ec90a17 0 0 f744bf249ec90a17 stream 0 0 f744bf249ec926ff 0 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249c1361e7	stream	0		0	0	f744bf249c135567	0	0	
f744bf249ec90al7 stream 0 0 0 f744bf249ec926ff 0 0 Registered kernel control modules id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	E249c135567	stream	0		0	0	f744bf249c1361e7	0	0	
Registered kernel control modules id flags pcbcount revbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249ec926ff	stream	0		0	0	f744bf249ec90a17	0	0	
id flags pcbcount rcvbuf sndbuf name 1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	f744bf	249ec90a17	stream	0		0	0	f744bf249ec926ff	0	0	
1 9 0 131072 131072 com.apple.flow-divert 2 1 0 16384 2048 com.apple.nke.sockwall	Regist	Registered kernel control modules									
2 1 0 16384 2048 com.apple.nke.sockwall	id	flags	pcbcou	ınt rcv	buf	sndbuf	name				
		1 9	9	0 1	31072	131072	com.apple	.flow-divert			
3 9 0 524288 524288 com.apple.content-filter		2	1	0	16384	2048	com.apple	.nke.sockwall			
		3	9	0 5	24288	524288	com.apple	.content-filter			

4	(9	0	819	2 2048	com.apple.packet-mangler
5	1	1	3	6553	6 65536	com.apple.net.necp_control
6	1	1	10	6553	6 65536	com.apple.net.netagent
7	9	9	1	52428	8 524288	com.apple.net.utun_control
8	1	1	0	6553	6 65536	com.apple.net.ipsec_control
9	(0	21	819	2 2048	com.apple.netsrc
a	18	8	5	819	2 2048	com.apple.network.statistics
b	Į.	5	0	819	2 2048	com.apple.network.tcp_ccdebug
С	1	1	1	819	2 2048	com.apple.network.advisory
d	-	1	1	819	2 2048	com.checkpoint.cpfw.ctl
е	-	1	0	819	2 2048	com.checkpoint.cpfw.fwnotify
f	1	1	0	104857	6 2048	com.checkpoint.cpfw.debug
Active ke	ernel eve	ent s	ockets			
Proto Rec	ev-Q Send	d-Q v	endor	class	subcla	
kevt	0	0	1	1	11	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	1	2	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	1	2	
kevt	0	0	1	6	1	
kevt	0	0	1	1	7	
kevt	0	0	1	1	1	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	6	1	
kevt	0	0	1	1	2	
	0	0	1	6	1	
kevt	0	0	1	1	0	
Active ke					Ü	
Proto Rec			unit		name	
kctl	0	0	1			net.necp control
kctl	0	0	2			net.necp_control
kctl	0	0	3			net.necp_control
kctl	0	0	1			net.netagent
kctl	0	0	2			net.netagent
kctl	0	0	3			net.netagent
kctl	0	0	4			net.netagent
kctl	0	0	5			net.netagent
kctl	0	0	6			net.netagent
kctl	0	0	7			net.netagent
kctl	0	0	8			net.netagent
kctl	0	0	9			net.netagent

1	0	0	1.0	<i>C</i> -	an and ask askersak
kctl	0	0	10		com.apple.net.netagent
kctl	0	0	1	7 c	com.apple.net.utun_control
kctl	0	0	1	9 c	com.apple.netsrc
kctl	0	0	2	9 c	com.apple.netsrc
kctl	0	0	3	9 c	com.apple.netsrc
kctl	0	0	4	9 c	com.apple.netsrc
kctl	0	0	5	9 c	com.apple.netsrc
kctl	0	0	6	9 c	com.apple.netsrc
kctl	0	0	7	9 c	com.apple.netsrc
kctl	0	0	8	9 c	com.apple.netsrc
kctl	0	0	9	9 c	com.apple.netsrc
kctl	0	0	10	9 c	com.apple.netsrc
kctl	0	0	11	9 c	com.apple.netsrc
kctl	0	0	12	9 c	com.apple.netsrc
kctl	0	0	13	9 c	com.apple.netsrc
kctl	0	0	15	9 c	com.apple.netsrc
kctl	0	0	16	9 c	com.apple.netsrc
kctl	0	0	17	9 c	com.apple.netsrc
kctl	0	0	18	9 c	com.apple.netsrc
kctl	0	0	22	9 c	com.apple.netsrc
kctl	0	0	24	9 c	com.apple.netsrc
kctl	0	0	25	9 c	com.apple.netsrc
kctl	0	0	26	9 c	com.apple.netsrc
kctl	0	0	1	10 c	com.apple.network.statistics
kctl	0	0	2	10 c	com.apple.network.statistics
kctl	0	0	3	10 c	com.apple.network.statistics
kctl	0	0	4	10 c	com.apple.network.statistics
kctl	0	0	5	10 c	com.apple.network.statistics
kctl	0	0	1	12 c	com.apple.network.advisory
kctl	0	0	1	13 c	com.checkpoint.cpfw.ctl

7. nslookup

• nslookup 10.150.5.44

Server: 10.0.0.20
Address: 10.0.0.20#53

44.5.150.10.in-addr.arpa name = fpmi506st14.bsu.

8. route

• netstat -rn

```
Routing tables
Internet:
```

Destination	Gateway	Flags	Refs	Use	Netif	Expire		
default	10.160.0.1	UGSc	224	105	en0	PVbire		
	link#4	UCS	2	105	eno eno			
			2	0				
	link#4	UCS			en0	0.00		
10.160.0.1	0:21:a0:c1:19:40	UHLWIir	225	28	en0	969		
	link#4	UCS	1	0	en0			
	link#4	UHLWbI	1	18	en0			
	127.0.0.1	UCS	1	0	100			
	127.0.0.1	UH	3	31728	100			
	link#4	UmCS	3	0	en0			
	1:0:5e:0:0:fb	UHmLWI	1	0	en0			
239.255.255.250		UHmLWI	1	20	en0			
255.255.255.255/32	link#4	UCS	1	0	en0			
Internet6:								
Destination		Gateway			F	'lags	Netif Expire	
default		fe80::%u	tun0		U	GcI	utun0	
::1		::1			U	HL	100	
fe80::%lo0/64		fe80::1%	100		U	cI	100	
fe80::1%lo0		link#1			U	HLI	100	
fe80::%en0/64		link#4			U	CI	en0	
fe80::47f:d7bc:8963	3:5392%en0	6c:40:8:	a8:e3:e0		U	HLI	100	
fe80::%awdl0/64		link#8			U	CI	awdl0	
fe80::4479:65ff:fee	eb:a9dd%awdl0	46:79:65	:eb:a9:dd		U	HLI	100	
fe80::%utun0/64		fe80::e4	1a:ed2d:40	6c4:74169	kutun0 U	cI	utun0	
fe80::e41a:ed2d:46d	c4:7416%utun0	link#10			U	HLI	100	
ff01::%lo0/32		::1			U	mCI	100	
ff01::%en0/32		link#4			U	mCI	en0	
ff01::%awd10/32		link#8			U	mCI	awdl0	
Ef01::%utun0/32		fe80::e4	1a:ed2d:40	6c4:74169	kutun0 U	mCI	utun0	
ff02::%lo0/32		::1			U	mCI	100	
ff02::%en0/32		link#4			U	mCI	en0	
ff02::%awd10/32		link#8			11	mCI	awdl0	

fe80::e41a:ed2d:46c4:7416%utun0 UmCI

utun0

ff02::%utun0/32