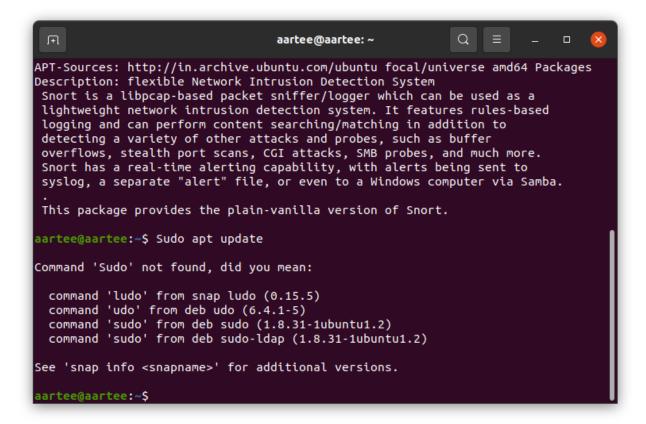
Name: Aartee chimate UID:2018140012

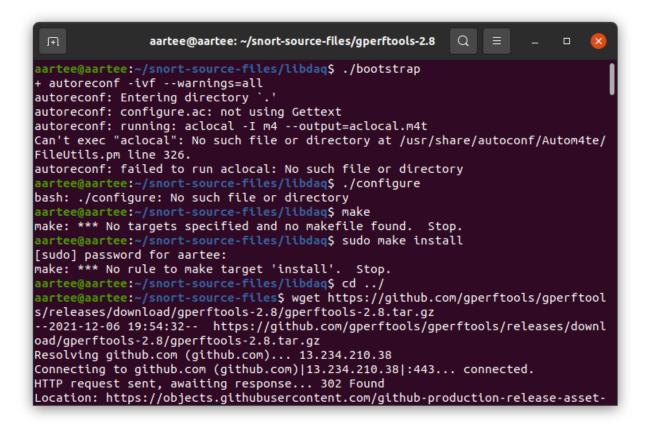
Branch:IT Sub:CSS

Experiment-6

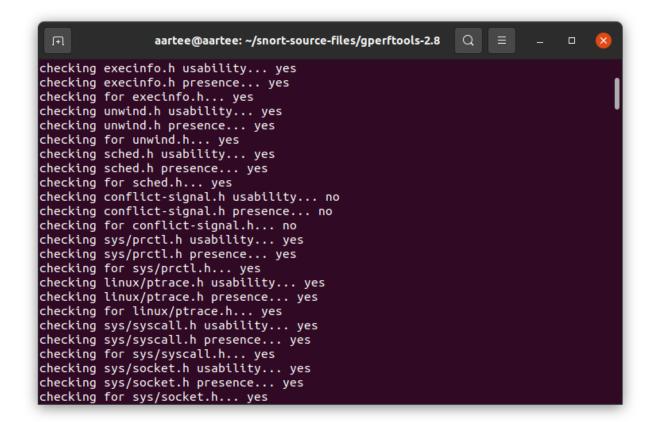
```
Q
 ſŦ
                                  aartee@aartee: ~
aartee@aartee:~$ apt show snort
Package: snort
Version: 2.9.7.0-5build1
Priority: optional
Section: universe/net
Origin: Ubuntu
Maintainer: Ubuntu Developers <ubuntu-devel-discuss@lists.ubuntu.com>
Original-Maintainer: Javier Fernández-Sanguino Peña <jfs@debian.org>
Bugs: https://bugs.launchpad.net/ubuntu/+filebug
Installed-Size: 1,987 kB
Pre-Depends: adduser (>= 3.11)
Depends: snort-common-libraries (>= 2.9.7.0-5build1), snort-rules-default (>= 2.
9.7.0-5build1), snort-common (>= 2.9.7.0-5build1), debconf (>= 0.5) | debconf-2.
0, rsyslog | system-log-daemon, logrotate, net-tools, libc6 (>= 2.16), libdaq2,
libdumbnet1 (>= 1.8), liblzma5 (>= 5.1.1alpha+20120614), libpcap0.8 (>= 1.0.0),
libpcre3, zlib1g (>= 1:1.1.4)
Recommends: iproute2
Suggests: snort-doc
Conflicts: snort-mysql, snort-pgsql
Replaces: snort-common (<< 2.0.2-3)
Homepage: http://www.snort.org/
Download-Size: 656 kB
APT-Manual-Installed: yes
APT-Sources: http://in.archive.ubuntu.com/ubuntu focal/universe amd64 Packages
```



```
aartee@aartee: ~
                                                           Q
                                                                          See 'snap info <snapname>' for additional versions.
aartee@aartee:~$ sudo apt update
[sudo] password for aartee:
Hit:1 http://in.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://in.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://in.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Hit:4 http://ppa.launchpad.net/stefansundin/truecrypt/ubuntu focal InRelease
Get:5 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:6 http://in.archive.ubuntu.com/ubuntu focal-updates/main i386 Packages [571
kB]
Get:7 http://in.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [1,3
Get:8 http://in.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [281]
Get:9 http://in.archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metada
ta [278 kB]
Get:10 http://in.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 M
etadata [361 kB]
Get:11 http://in.archive.ubuntu.com/ubuntu focal-updates/universe DEP-11 64x64 I
cons [389 kB]
Get:12 http://in.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11
Metadata [940 B]
Get:13 http://in.archive.ubuntu.com/ubuntu focal-backports/main amd64 DEP-11 Met
```



```
aartee@aartee: ~/snort-source-files/gperftools-2.8
                                                           Q
checking if gcc supports -c -o file.o... yes
checking if gcc supports -c -o file.o... (cached) yes
checking whether the gcc linker (/usr/bin/ld -m elf_x86_64) supports shared libr
aries... yes
checking whether -lc should be explicitly linked in... no
checking dynamic linker characteristics... GNU/Linux ld.so
checking how to hardcode library paths into programs... immediate
checking whether stripping libraries is possible... yes
checking if libtool supports shared libraries... yes
checking whether to build shared libraries... yes
checking whether to build static libraries... yes
checking how to run the C++ preprocessor... g++ -std=gnu++11 -E
checking for ld used by g++ -std=gnu++11... /usr/bin/ld -m elf x86 64
checking if the linker (/usr/bin/ld -m elf_x86_64) is GNU ld... yes
checking whether the g++ -std=gnu++11 linker (/usr/bin/ld -m elf x86 64) support
s shared libraries... yes
checking for g++ -std=gnu++11 option to produce PIC... -fPIC -DPIC
checking if g++ -std=gnu++11 PIC flag -fPIC -DPIC works... yes
checking if g++ -std=gnu++11 static flag -static works... yes
checking if g++ -std=gnu++11 supports -c -o file.o... yes
checking if g++ -std=gnu++11 supports -c -o file.o... (cached) yes
checking whether the g++ -std=gnu++11 linker (/usr/bin/ld -m elf_x86_64) support
s shared libraries... yes
checking dynamic linker characteristics... (cached) GNU/Linux ld.so
```

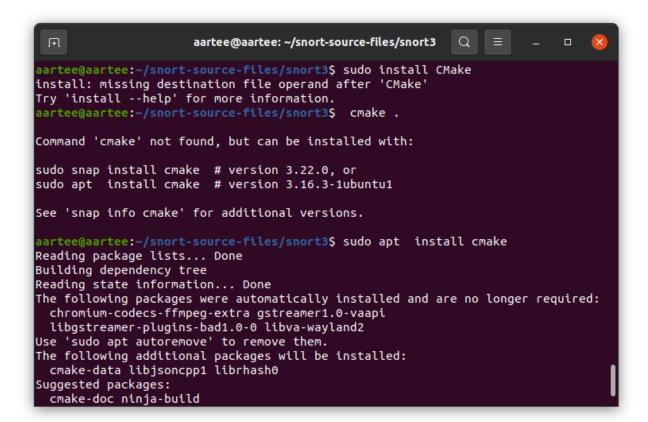


aartee@aartee: ~/snort-source-files/gperftools-2.8 Q ibtcmalloc_internal_la-system-alloc.lo -MD -MP -MF src/.deps/libtcmalloc_interna l_la-system-alloc.Tpo -c src/system-alloc.cc -fPIC -DPIC -o src/.libs/libtcmall oc_internal_la-system-alloc.o libtool: compile: g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-virtual -Wno-sign-compare -Wno-unus ed-result -fsized-deallocation -faligned-new -DNO_FRAME_POINTER -g -O2 -MT src/l ibtcmalloc_internal_la-system-alloc.lo -MD -MP -MF src/.deps/libtcmalloc_interna l_la-system-alloc.Tpo -c src/system-alloc.cc -o src/libtcmalloc_internal_la-syst em-alloc.o >/dev/null 2>&1 mv -f src/.deps/libtcmalloc internal la-system-alloc.Tpo src/.deps/libtcmalloc i nternal la-system-alloc.Plo /bin/bash ./libtool --tag=CXX --mode=compile g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-vir tual -Wno-sign-compare -Wno-unused-result -fsized-deallocation -faligned-new DNO FRAME POINTER -q -O2 -MT src/libtcmalloc internal la-memfs malloc.lo -MD MP -MF src/.deps/libtcmalloc internal la-memfs malloc.Tpo -c -o src/libtcmalloc internal_la-memfs_malloc.lo `test -f 'src/memfs_malloc.cc' || echo './'`src/memf s malloc.cc libtool: compile: g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-virtual -Wno-sign-compare -Wno-unus ed-result -fsized-deallocation -faligned-new -DNO_FRAME_POINTER -g -O2 -MT src/l ibtcmalloc internal la-memfs malloc.lo -MD -MP -MF src/.deps/libtcmalloc_interna l la-memfs malloc.Tpo -c src/memfs malloc.cc -fPIC -DPIC -o src/.libs/libtcmall oc internal la-memfs malloc.o

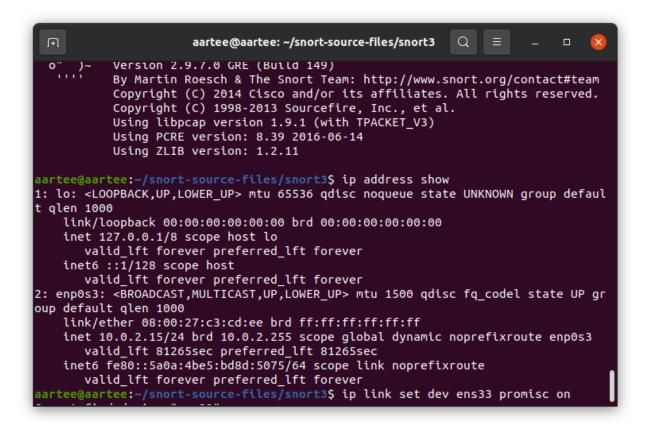
Q Ħ aartee@aartee: ~/snort-source-files/gperftools-2.8 a-page_heap.Tpo -c src/page_heap.cc -fPIC -DPIC -o src/.libs/libtcmalloc_intern al_la-page_heap.o libtool: compile: g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-virtual -Wno-sign-compare -Wno-unus ed-result -fsized-deallocation -faligned-new -DNO_FRAME_POINTER -g -O2 -MT src/l ibtcmalloc_internal_la-page_heap.lo -MD -MP -MF src/.deps/libtcmalloc_internal_l a-page heap.Tpo -c src/page heap.cc -o src/libtcmalloc internal la-page heap.o > /dev/null 2>&1 mv -f src/.deps/libtcmalloc internal la-page heap.Tpo src/.deps/libtcmalloc inte rnal la-page heap.Plo /bin/bash ./libtool --tag=CXX --mode=compile g++ -std=gnu++11 -DHAVE CONFIG H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-vir tual -Wno-sign-compare -Wno-unused-result -fsized-deallocation -faligned-new -g -O2 -MT src/libtcmalloc internal la-sampler.lo -MD -MP -M DNO FRAME POINTER F src/.deps/libtcmalloc_internal_la-sampler.Tpo -c -o src/libtcmalloc_internal_l a-sampler.lo `test -f 'src/sampler.cc' || echo './'`src/sampler.cc libtool: compile: g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-virtual -Wno-sign-compare -Wno-unus ed-result -fsized-deallocation -faligned-new -DNO_FRAME_POINTER -g -O2 -MT src/l ibtcmalloc_internal_la-sampler.lo -MD -MP -MF src/.deps/libtcmalloc_internal_lasampler.Tpo -c src/sampler.cc -fPIC -DPIC -o src/.libs/libtcmalloc_internal_lasampler.o libtool: compile: g++ -std=gnu++11 -DHAVE_CONFIG_H -I. -I./src -I./src -pthread -DNDEBUG -Wall -Wwrite-strings -Woverloaded-virtual -Wno-sign-compare -Wno-unus

```
aartee@aartee: ~/snort-source-files/gperftools-2.8
tcmalloc_debug.la libtcmalloc_and_profiler.la; do lib=".libs/`basename $la .la`.
a"; [ ! -f "$lib" ] || : "$lib"; done
aartee@aartee:~/snort-source-files/gperftools-2.8$ sudo make install
rm -f debugallocation test.sh
cp -p ./src/tests/debugallocation_test.sh debugallocation_test.sh
rm -f tcmalloc unittest.sh
cp -p ./src/tests/tcmalloc_unittest.sh tcmalloc_unittest.sh
rm -f sampling_test.sh
cp -p ./src/tests/sampling_test.sh sampling_test.sh
rm -f heap-profiler unittest.sh
cp -p ./src/tests/heap-profiler_unittest.sh heap-profiler_unittest.sh
rm -f heap-checker unittest.sh
cp -p ./src/tests/heap-checker_unittest.sh heap-checker_unittest.sh
rm -f heap-checker-death unittest.sh
cp -p ./src/tests/heap-checker-death_unittest.sh heap-checker-death_unittest.sh
rm -f sampling_debug_test.sh
cp -p ./src/tests/sampling_test.sh sampling_debug_test.sh
rm -f heap-profiler_debug_unittest.sh
cp -p ./src/tests/heap-profiler_unittest.sh heap-profiler_debug_unittest.sh
rm -f heap-checker_debug_unittest.sh
cp -p ./src/tests/heap-checker_unittest.sh heap-checker_debug_unittest.sh
rm -f profiler unittest.sh
cp -p ./src/tests/profiler_unittest.sh profiler_unittest.sh
for la in libtcmalloc minimal.la libtcmalloc minimal debuq.la libtcmalloc.la lib
```

```
aartee@aartee: ~/snort-source-files/gperftools-2.8
rofile.html docs/cpuprofile-fileformat.html docs/pprof-test-big.gif docs/pprof-t
est.gif docs/pprof-vsnprintf-big.gif docs/pprof-vsnprintf.gif '/usr/local/share/
doc/gperftools'
 /usr/bin/mkdir -p '/usr/local/include/google'
 /usr/bin/install -c -m 644 src/google/heap-checker.h src/google/heap-profiler.h
src/google/malloc_extension.h src/google/malloc_extension_c.h src/google/malloc
_hook.h src/google/malloc_hook_c.h src/google/profiler.h src/google/stacktrace.h
src/google/tcmalloc.h '/usr/local/include/google'
 /usr/bin/mkdir -p '/usr/local/share/man/man1'
 /usr/bin/install -c -m 644 docs/pprof.1 '/usr/local/share/man/man1'
 /usr/bin/mkdir -p '/usr/local/include/gperftools'
/usr/bin/install -c -m 644 src/gperftools/tcmalloc.h '/usr/local/include/gperft
ools'
 /usr/bin/mkdir -p '/usr/local/include/gperftools'
/usr/bin/install -c -m 644 src/qperftools/stacktrace.h src/qperftools/malloc ho
ok.h src/gperftools/malloc hook c.h src/gperftools/malloc extension.h src/gperft
ools/malloc extension c.h src/gperftools/nallocx.h src/gperftools/heap-profiler.
h src/gperftools/heap-checker.h src/gperftools/profiler.h '/usr/local/include/gp
erftools'
/usr/bin/mkdir -p '/usr/local/lib/pkgconfig'
/usr/bin/install -c -m 644 libtcmalloc.pc libtcmalloc_minimal.pc libtcmalloc_de
bug.pc libtcmalloc minimal debug.pc libprofiler.pc '/usr/local/lib/pkgconfig'
make[1]: Leaving directory '/home/aartee/snort-source-files/gperftools-2.8'
aartee@aartee:~/snort-source-files/gperftools-2.8$
```



```
aartee@aartee: ~/snort-source-files/snort3
                                                           Q =
                                                                          aartee@aartee:~/snort-source-files/snort3$ sudo idconfig
[sudo] password for aartee:
sudo: idconfig: command not found
aartee@aartee:~/snort-source-files/snort3$ sudo ldconfig
aartee@aartee:~/snort-source-files/snort3$ snort -V
           -*> Snort! <*-
           Version 2.9.7.0 GRE (Build 149)
           By Martin Roesch & The Snort Team: http://www.snort.org/contact#team
           Copyright (C) 2014 Cisco and/or its affiliates. All rights reserved.
           Copyright (C) 1998-2013 Sourcefire, Inc., et al.
           Using libpcap version 1.9.1 (with TPACKET_V3)
           Using PCRE version: 8.39 2016-06-14
           Using ZLIB version: 1.2.11
aartee@aartee:~/snort-source-files/snort3$ ip address show
1: lo: <LOOPBACK,UP,LOWER UP> mtu 65536 qdisc noqueue state UNKNOWN group defaul
t qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gr
```



```
aartee@aartee: ~/snort-source-files/snort3
                                                            Q
           Version 2.9.7.0 GRE (Build 149)
           By Martin Roesch & The Snort Team: http://www.snort.org/contact#team
           Copyright (C) 2014 Cisco and/or its affiliates. All rights reserved.
           Copyright (C) 1998-2013 Sourcefire, Inc., et al.
           Using libpcap version 1.9.1 (with TPACKET V3)
           Using PCRE version: 8.39 2016-06-14
           Using ZLIB version: 1.2.11
aartee@aartee:~/snort-source-files/snort3$ ip address show
1: lo: <LOOPBACK,UP,LOWER UP> mtu 65536 qdisc noqueue state UNKNOWN group defaul
t glen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid lft forever preferred lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gr
oup default qlen 1000
    link/ether 08:00:27:c3:cd:ee brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
       valid_lft 81265sec preferred_lft 81265sec
    inet6 fe80::5a0a:4be5:bd8d:5075/64 scope link noprefixroute
       valid lft forever preferred lft forever
martee@aartee:~/snort-source-files/snort3$ ip link set dev ens33 promisc on
```

```
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  libfprint-2-tod1
Use 'sudo apt autoremove' to remove it.
The following NEW packages will be installed:
  ethtool
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 134 kB of archives.
After this operation, 461 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu focal/main amd64 ethtool amd64 1:5.4-1 [134 kB]
Fetched 134 kB in 2s (82.5 kB/s)
Selecting previously unselected package ethtool.
(Reading database ... 190939 files and directories currently installed.)
Preparing to unpack .../ethtool_1%3a5.4-1_amd64.deb ...
Unpacking ethtool (1:5.4-1) ...
Setting up ethtool (1:5.4-1) ...
Processing triggers for man-db (2.9.1-1) ...
```

```
-- 4. configure performance
-- 5. configure detection
-- 6. configure filters
-- 7. configure outputs
-- 8. configure tweaks
-- 1. configure defaults
-- HOME_NET and EXTERNAL_NET must be set now
-- setup the network addresses you are protecting
HOME_NET = '10.0.2.15/24'
-- set up the external network addresses.
-- (leave as "any" in most situations)
EXTERNAL_NET = 'any'
EXTERNAL_NET = '!SHOME_NET'
include 'snort_defaults.lua'
include 'file_magic.lua'
:x
```

```
Snort++ 3.1.17.0
Loading /usr/local/etc/snort/snort.lua:
Loading snort_defaults.lua:
Finished snort_defaults.lua:
Loading file_magic.lua:
Finished file_magic.lua:
         lps
         ssh
         hosts
         host_cache
         pop
         so_proxy
         stream_tcp
         smtp
         gtp_inspect
packets
         dce_http_proxy
         stream icmo
        stream_file
Finished /usr/local/etc/snort/snort.lua:
pcap DAQ configured to passive.
Snort successfully validated the configuration (with 0 warnings).
       Snort exiting
```

```
.oading /usr/local/etc/rules/local.rules:
inished /usr/local/etc/rules/local.rules:
inished rule args:
rule counts
      total rules loaded: 1
             text rules: 1
           option chains: 1
           chain headers: 1
port rule counts
                  udp icmp ip
0 1 0
0 1 0
           tcp
          0
   any
 total
ips policies rule stats
            id loaded shared enabled file
0 1 0 1 /usr/local/etc/snort/snort.lua
ocap DAQ configured to passive.
Snort successfully validated the configuration (with 0 warnings).
o")~ Snort exiting
```

```
Loading rule args:
Loading /usr/local/etc/rules/local.rules:
Finished /usr/local/etc/rules/local.rules:
Finished rule args:
rule counts
     total rules loaded: 1
             text rules: 1
          option chains: 1
          chain headers: 1
port rule counts
           tcp
                 udp icmp
                                iр
            Θ
                                 0
    any
  total
             0
ips policies rule stats
            id loaded shared enabled file
             0 1 0 1 /usr/local/etc/snort/snort.lua
pcap DAQ configured to passive.
Commencing packet processing
++ [0] enp0s3
```

```
Pinging 192.168.43.14 with 32 bytes of data:
Reply from 192.168.43.14: bytes=32 time<1ms TTL=64
Ping statistics for 192.168.43.14:
   Packets: Sent = 16, Received = 16, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
12/05-01:33:36.648214 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
.2/05-01:33:37.651159 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.124 -> 192.168.43.14
12/05-01:33:37.651179 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
12/05-01:33:38.652965 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.124 -> 192.168.43.14
12/05-01:33:38.652989 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
2/05-01:33:39.660245 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.124 -> 192.168.43.14
12/05-01:33:39.660271 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
{ICMP} 192.168.43.14 -> 192.168.43.124
12/05-01:33:40.662414 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.124 -> 192.168.43.14
12/05-01:33:40.662448 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
12/05-01:33:41.740681 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.124 -> 192.168.43.14
12/05-01:33:41.740706 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
12/05-01:34:09.553681 [**] [1:1000001:1] "ICMP Packet found" [**] [Priority: 0]
[ICMP] 192.168.43.14 -> 192.168.43.124
```

1. What is a zero-day attack?

Zero day attack is the term used to describe the threat of an unknown security vulnerability in a computer software or application for which either the patch has not been released or the application developers were unaware of or did not have sufficient time to address.

Zero-day attack can be perceived in two ways: The first one is where these attacks are said to be attacks that target the back door or vulnerabilities of any software that has been patched or declared publicly, on the other hand, the second one states that these attacks take advantage of a vulnerability or bug in the software on the day it was released itself hence the name Zero-day.

2. Can Snort catch zero-day network attacks? If not, why not? If yes, how?

Snort clearly is able to detect zero-days' (a mean of 17% detection). The detection rate is however on overall greater for theoretically known attacks (a mean of 54% detection). As a basis for analysis, the detected attacks are categorized according to the vulnerabilities they exploit. (Buffer Error, command injection, PHP file inclusion, etc) A theoretical estimate of Snort's potency at detecting attacks can be gained by observing the vulnerability coverage of its ruleset. There were 9128 signatures in the tested Snort ruleset. At the time of the release of this ruleset, there were 21166 vulnerabilities disclosed in the US National Vulnerability Database (NVD). Of these vulnerabilities, 9104 were of high severity as defined by the Common Vulnerability Scoring System [20]. A high severity vulnerability can loosely be seen as a vulnerability that can be remotely exploited to gain privileges of a host (e.g., user or admin). Metasploit exploits typically cohere to such vulnerabilities. These are also a focus area of the Snort ruleset due to

their severity. The ratio between Snort signatures, disclosed vulnerabilities, and disclosed vulnerabilities of high severity seems to be rather consistent over time: the number of Snort alarms in the official ruleset is about as large as the number of disclosed high vulnerabilities, and a bit less than half of the total number of disclosed vulnerabilities.

3. Write and add another snort rule and show me you trigger it

```
port rule counts
                              icmp
                                         ip
              tcp
                      udp
                0
                        0
                                          0
     any
                                 1
     dst
                        0
                                 0
                                          0
                1
                                          0
                1
                        0
   total
ips policies rule stats
               id loaded shared enabled
                                               file
                0
                        2
                                 0
                                          2
                                               /usr/local/etc/snort/snort.lua
pcap DAQ configured to passive.
Commencing packet processing
++ [0] enp0s3
12/05-11:02:48.886643 [**] [1:100006927:1] "FTP incoming" [**] [Priority: 0] {TC P} 192.168.43.124:58976 -> 192.168.43.14:21
12/05-11:02:49.387785 [**] [1:100006927:1] "FTP incoming" [**] [Priority: 0] {TC
P} 192.168.43.124:58976 -> 192.168.43.14:21
12/05-11:02:49.889653 [**] [1:100006927:1] "FTP incoming" [**] [Priority: 0] {TC
P} 192.168.43.124:58976 -> 192.168.43.14:21
12/05-11:02:50.390409 [**] [1:100006927:1] "FTP incoming" [**] [Priority: 0] {TC
P} 192.168.43.124:58976 -> 192.168.43.14:21
12/05-11:02:50.890591 [**] [1:100006927:1] "FTP incoming" [**] [Priority: 0] {TC,
P} 192.168.43.124:58976 -> 192.168.43.14:21
```

EXTRA:

```
3 /usr/local/etc/snort/snort.lua
                                                   any
fast pattern port groups
                                          dst
                                 SCC
                                          0
                    packet:
                                                    1
search engine
                 instances: 1
                 patterns: 1
            pattern chars: 17
                num states: 17
         num match states: 1
           memory scale: KB
total memory: 1.53516
pattern memory: 0.0546875
        match list memory: 0.164062
        transition memory: 1.19141
pcap DAQ configured to passive.
Commencing packet processing
++ [0] enp0s3
12/05-12:19:32.075334 [**] [1:10000009:1] "someone visiting facebook!" [**] [Pri
ority: 0] {TCP} 192.168.43.14:34824 -> 31.13.79.35:443
```