

Instrucciones para la instalación del Framework Zeek sobre maquina virtual Linux Ubuntu 19.10

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```
usuario@vm07pec4zeek:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description: Ubuntu 19.10
Release: 19.10
Codename: eoan
```

```
usuario@vm07pec4zeek:~$ sudo su
[sudo] password for usuario:
```

```
root@vm07pec4zeek:/home/usuario# ip ad
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default 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: ens160: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 00:0c:29:47:6d:6c brd ff:ff:ff:ff:ff:ff
    inet 192.168.29.90/24 brd 192.168.29.255 scope global dynamic ens160
        valid_lft 7074sec preferred_lft 7074sec
    inet6 fe80::20c:29ff:fe47:6d6c/64 scope link
        valid_lft forever preferred_lft forever
root@vm07pec4zeek:/home/usuario# ip link set ens160 promisc on
root@vm07pec4zeek:/home/usuario# ip ad
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default 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: ens160: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 00:0c:29:47:6d:6c brd ff:ff:ff:ff:ff:ff
    inet 192.168.29.90/24 brd 192.168.29.255 scope global dynamic ens160
        valid_lft 7053sec preferred_lft 7053sec
    inet6 fe80::20c:29ff:fe47:6d6c/64 scope link
        valid_lft forever preferred_lft forever
```

```
root@vm07pec4zeek:/home/usuario# apt-get install cmake make gcc g++ gdb flex bison libpcap-dev libssl-dev python-
dev swig zlib1g-dev libgeoip-dev build-essential libelf-dev libmagic-dev libmaxminddb-dev openssl python-pip git
iperf libkrb5-dev systemtap libtool libgdbm-dev libreadline-dev doxygen
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
openssl ya está en su versión más reciente (1.1.1c-lubuntu4).
fijado openssl como instalado manualmente.
git ya está en su versión más reciente (1:2.20.1-2ubuntu1.19.10.1).
fijado git como instalado manualmente.
Se instalarán los siguientes paquetes adicionales:
  autoconf automake autotools-dev binutils binutils-common binutils-x86-64-linux-gnu cmake-data comerr-dev cpp
  cpp-9 dpkg-dev fakeroot g++-9 gcc-9 gdbserver geoip-bin
  javascript-common krb5-multidev libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl
  libasan5 libatomic1 libavahi-client3 libavahi-common-data
  libavahi-common3 libbabeltrace1 libbinutils libc-dev-bin libc6-dbg libc6-dev libcc1-0 libclang1-9 libdpkg-perl
  libdw1 libexpat1-dev libfakeroot libfile-fcntllock-perl libfl1-dev
  libgcc-9-dev libgomp1 libgssrpc4 libisl21 libitm1 libjs-jquery libjs-sphinxdoc libjs-underscore libjsoncpp1
  libkadm5clnt-mit1 libkadm5srv-mit1 libkdb5-9 libllvm9 liblsan0
  libltdl-dev libltdl7 libmaxminddb0 libmpc3 libncurses-dev libnetaddr-ip-perl libnspr4 libnss3 libpcap0.8-dev
  libpython-all-dev libpython-dev libpython-stdlib libpython2-dev
  libpython2-stdlib libpython2.7 libpython2.7-dev libpython2.7-minimal libpython2.7-stdlib libquadmath0 librbhash0
  libsocket6-perl libstdc++-9-dev libtsan0 libubsan1 libuv1
  libxapian3 linux-libc-dev m4 manpages-dev python python-all python-asn1crypto python-cffi-
  backend python-configparser python-crypto python-cryptography
  python-dbus python-entrypoints python-enum34 python-gi python-ipaddress python-keyring python-keyrings.alt
  python-minimal python-pip-whl python-pkg-resources
  python-secretstorage python-setuptools python-six python-wheel python-xdg python2 python2-dev python2-minimal
  python2.7 python2.7-dev python2.7-minimal swig3.0 systemtap-common
  systemtap-runtime
Paquetes sugeridos:
  autoconf-archive gnu-standards autoconf-doc gettext binutils-doc bison-doc cmake-doc ninja-build doc-base cpp-
  doc gcc-9-locales doxygen-latex doxygen-doc doxygen-gui graphviz
  debian-keyring flex-doc g++-multilib g++-9-multilib gcc-9-doc libstdc++6-9-dbg gcc-multilib gcc-doc gcc-9-
  multilib libgcc1-dbg libgomp1-dbg libitm1-dbg libatomic1-dbg
  libasan5-dbg liblsan0-dbg libtsan0-dbg libubsan1-dbg libquadmath0-dbg gdb-doc apache2 | lighttpd | httpd krb5-
  doc glibc-doc bzip2 krb5-user libtool-doc mmdb-bin ncurses-doc
  readline-doc libssl-doc libstdc++-9-doc gfortran | fortran95-compiler gcj-jdk xapian-tools m4-doc make-doc
  python-doc python-tk python-cryptography-doc
  python-cryptography-vectors python-dbus-dbg python-dbus-doc python-enum34-doc python-gi-cairo gnome-keyring
  libkf5wallet-bin gir1.2-gnomekeyring-1.0 python-gdata python-keyczar
  python-secretstorage-doc python-setuptools-doc python2-doc python2.7-doc binfmt-support swig-doc swig-examples
```

```

swig3.0-examples swig3.0-doc systemtap-doc vim-addon-manager
Se instalarán los siguientes paquetes NUEVOS:
  autoconf automake autotools-dev binutils binutils-common binutils-x86-64-linux-gnu bison build-essential cmake
cmake-data comerr-dev cpp cpp-9 doxygen dpkg-dev fakeroot flex
  g++ g++-9 gcc gcc-9 gdb gdbserver geoip-bin iperf javascript-common krb5-multidev libalgorithm-diff-perl
libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan5 libatomic1
  libavahi-client3 libavahi-common-data libavahi-common3 libbabeltrace1 libbinutils libc-dev-bin libc6-dbg libc6-
dev libcc1-0 libclang1-9 libdpkg-perl libdw1 libelf-dev
  libexpat1-dev libfakeroot libfile-fcntllock-perl libfl-dev libgcc-9-dev libgdbm-dev libgeoip-dev libgomp1
libgssrpc4 libisl21 libitm1 libjs-jquery libjs-sphinxdoc
  libjs-underscore libjsoncpp1 libkadm5srv-mit11 libkadm5srv-mit11 libkdb5-9 libkrb5-dev libllvm9 liblsan0
libltdl-dev libltdl7 libmagic-dev libmaxminddb-dev libmaxminddb0
  libmpc3 libncurses-dev libnetaddr-ip-perl libnspr4 libnss3 libpcap-dev libpcap0.8-dev libpython-all-dev
libpython-dev libpython2.7 libpython2.7-minimal libpython2.7-stdlib
  libpython2.7 libpython2.7-dev libpython2.7-minimal libpython2.7-stdlib libquadmath0 libreadline-dev librtmp1
libsocket6-perl libssl-dev libstdc++-9-dev libtool libubsan0
  libubsan1 libuv1 libxapian30 linux-libc-dev m4 make manpages-dev python python-all python-all-dev python-
asn1crypto python-cffi-backend python-configparser python-crypto
  python-cryptography python-dbus python-dev python-entrypoints python-enumer34 python-gi python-ipaddress python-
keyring python-keyrings.alt python-minimal python-pip
  python-pip-whl python-pkg-resources python-secretstorage python-setuptools python-six python-wheel python-xdg
python2 python2-dev python2-minimal python2.7 python2.7-dev
  python2.7-minimal swig swig3.0 systemtap systemtap-common systemtap-runtime zlib1g-dev
0 actualizados, 139 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
Se necesita descargar 108 MB de archivos.
Se utilizarán 475 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] S
Des:1 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 m4 amd64 1.4.18-2 [199 kB]
Des:2 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 flex amd64 2.6.4-6.2 [317 kB]
Des:3 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2.7-minimal amd64 2.7.17~rc1-1 [335 kB]
Des:4 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2.7-minimal amd64 2.7.17~rc1-1 [1.316 kB]
Des:5 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2-minimal amd64 2.7.17-1 [27,8 kB]
Des:6 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-minimal amd64 2.7.17-1 [5.996 B]
Des:7 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2.7-stdlib amd64 2.7.17~rc1-1 [1.882 kB]
Des:8 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2.7 amd64 2.7.17~rc1-1 [248 kB]
Des:9 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2-stdlib amd64 2.7.17-1 [7.400 B]
Des:10 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython-stdlib amd64 2.7.17-1 [5.836 B]
Des:11 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2 amd64 2.7.17-1 [26,5 kB]
Des:12 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python amd64 2.7.17-1 [7.836 B]
Des:13 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 autoconf all 2.69-11ubuntu1 [321 kB]
Des:14 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 autotools-dev all 20180224.1 [39,6 kB]
Des:15 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 automake all 1:1.16.1-4ubuntu3 [522 kB]
Des:16 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 binutils-common amd64 2.33-2ubuntu1 [203 kB]
Des:17 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libbinutils amd64 2.33-2ubuntu1 [474 kB]
Des:18 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 binutils-x86-64-linux-gnu amd64 2.33-2ubuntu1 [1.639
kB]
Des:19 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 binutils amd64 2.33-2ubuntu1 [3.400 B]
Des:20 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 bison amd64 2:3.4.1+dfsg-4 [644 kB]
Des:21 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libc-dev-bin amd64 2.30-0ubuntu2 [71,6 kB]
Des:22 http://en.archive.ubuntu.com/ubuntu eoan-updates/main amd64 linux-libc-dev amd64 5.3.0-24.26 [1.096 kB]
Des:23 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libc6-dev amd64 2.30-0ubuntu2 [2.548 kB]
Des:24 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libisl21 amd64 0.21-2 [576 kB]
Des:25 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libmpc3 amd64 1.1.0-1 [40,8 kB]
Des:26 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 cpp-9 amd64 9.2.1-9ubuntu2 [8.957 kB]
Des:27 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 cpp amd64 4:9.2.1-3.1ubuntu1 [27,6 kB]
Des:28 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libcc1-0 amd64 9.2.1-9ubuntu2 [49,1 kB]
Des:29 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libgomp1 amd64 9.2.1-9ubuntu2 [89,3 kB]
Des:30 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libitm1 amd64 9.2.1-9ubuntu2 [28,2 kB]
Des:31 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libatomic1 amd64 9.2.1-9ubuntu2 [9.220 B]
Des:32 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libasan5 amd64 9.2.1-9ubuntu2 [395 kB]
Des:33 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 liblsan0 amd64 9.2.1-9ubuntu2 [139 kB]
Des:34 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libtsan0 amd64 9.2.1-9ubuntu2 [301 kB]
Des:35 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libubsan1 amd64 9.2.1-9ubuntu2 [130 kB]
Des:36 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libquadmath0 amd64 9.2.1-9ubuntu2 [146 kB]
Des:37 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libgcc-9-dev amd64 9.2.1-9ubuntu2 [2.359 kB]
Des:38 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 gcc-9 amd64 9.2.1-9ubuntu2 [9.763 kB]
Des:39 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 gcc amd64 4:9.2.1-3.1ubuntu1 [5.216 B]
Des:40 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libstdc++-9-dev amd64 9.2.1-9ubuntu2 [1.707 kB]
Des:41 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 g++-9 amd64 9.2.1-9ubuntu2 [10,2 MB]
Des:42 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 g++ amd64 4:9.2.1-3.1ubuntu1 [1.612 B]
Des:43 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 make amd64 4.2.1-1.2 [162 kB]
Des:44 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libdpkg-perl all 1.19.7ubuntu2 [230 kB]
Des:45 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 dpkg-dev all 1.19.7ubuntu2 [679 kB]
Des:46 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 build-essential amd64 12.8ubuntu1 [4.624 B]
Des:47 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 cmake-data all 3.13.4-1build1 [1.458 kB]
Des:48 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libjsoncpp1 amd64 1.7.4-3 [73,6 kB]
Des:49 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 librtmp1 amd64 1.3.8-1 [113 kB]
Des:50 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libuv1 amd64 1.30.1-1 [72,6 kB]
Des:51 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 cmake amd64 3.13.4-1build1 [3.659 kB]
Des:52 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libllvm9 amd64 1:9-2 [14,7 MB]
Des:53 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libclang1-9 amd64 1:9-2 [6.680 kB]
Des:54 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libxapian30 amd64 1.4.12-1 [660 kB]
Des:55 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 doxygen amd64 1.8.13-10ubuntu3 [4.161 kB]
Des:56 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libfakeroot amd64 1.24-1 [25,7 kB]
Des:57 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 fakeroot amd64 1.24-1 [62,6 kB]
Des:58 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libdw1 amd64 0.176-1.1 [220 kB]
Des:59 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libbabeltrace1 amd64 1.5.7-1 [156 kB]
Des:60 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 gdb amd64 8.3-0ubuntu1 [3.116 kB]
Des:61 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 gdbserver amd64 8.3-0ubuntu1 [298 kB]
Des:62 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libnetaddr-ip-perl amd64 4.079+dfsg-1build3 [80,9 kB]
Des:63 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 geoip-bin amd64 1.6.12-5 [63,4 kB]

```

```
Des:64 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 iperf amd64 2.0.13+dfsg1-1 [78,5 kB]
Des:65 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 javascript-common all 11 [6.066 B]
Des:66 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libgssrpc4 amd64 1.17-6 [55,3 kB]
Des:67 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libkdb5-9 amd64 1.17-6 [37,3 kB]
Des:68 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libkadm5srv-mit11 amd64 1.17-6 [49,4 kB]
Des:69 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libkadm5clnt-mit11 amd64 1.17-6 [37,7 kB]
Des:70 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 comerr-dev amd64 2.1-1.45.3-4ubuntu2 [40,5 kB]
Des:71 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 krb5-multidev amd64 1.17-6 [120 kB]
Des:72 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libalgorithm-diff-perl all 1.19.03-2 [46,6 kB]
Des:73 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libalgorithm-diff-xs-perl amd64 0.04-5build1 [11,2 kB]
Des:74 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libalgorithm-merge-perl all 0.08-3 [12,0 kB]
Des:75 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libavahi-common-data amd64 0.7-4ubuntu5 [21,4 kB]
Des:76 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libavahi-common3 amd64 0.7-4ubuntu5 [21,6 kB]
Des:77 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libavahi-client3 amd64 0.7-4ubuntu5 [25,4 kB]
Des:78 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 zlib1g-dev amd64 1:1.2.11.dfsg-1ubuntu3 [172 kB]
Des:79 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libelf-dev amd64 0.176-1.1 [56,8 kB]
Des:80 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libexpat1-dev amd64 2.2.7-2 [116 kB]
Des:81 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libfile-fcntllock-perl amd64 0.22-3build3 [33,1 kB]
Des:82 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libfl-dev amd64 2.6.4-6.2 [6.316 B]
Des:83 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libgdbm-dev amd64 1.18.1-5 [83,4 kB]
Des:84 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libgeoip-dev amd64 1.6.12-5 [62,2 kB]
Des:85 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libjs-jquery all 3.3.1-1.dfsg-3 [329 kB]
Des:86 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libjs-underscore all 1.9.1-1.dfsg-1 [98,6 kB]
Des:87 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libjs-sphinxdoc all 1.8.5-3 [96,5 kB]
Des:88 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libltdl7 amd64 2.4.6-11 [38,3 kB]
Des:89 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libltdl-dev amd64 2.4.6-11 [162 kB]
Des:90 http://en.archive.ubuntu.com/ubuntu eoan-updates/main amd64 libmagic-dev amd64 1:5.37-5ubuntu0.1 [87,7 kB]
Des:91 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libmaxminddb0 amd64 1.3.2-1 [25,6 kB]
Des:92 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libmaxminddb-dev amd64 1.3.2-1 [15,6 kB]
Des:93 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libncurses-dev amd64 6.1+20190803-1ubuntu1 [338 kB]
Des:94 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libnsspr4 amd64 2:4.21-2build1 [107 kB]
Des:95 http://en.archive.ubuntu.com/ubuntu eoan-updates/main amd64 libnss3 amd64 2:3.45-1ubuntu2.1 [1.165 kB]
Des:96 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libpcap0.8-dev amd64 1.9.1-2 [243 kB]
Des:97 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libpcap-dev amd64 1.9.1-2 [3.480 B]
Des:98 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2.7 amd64 2.7.17~rc1-1 [1.036 kB]
Des:99 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2.7-dev amd64 2.7.17~rc1-1 [2.465 kB]
Des:100 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython2-dev amd64 2.7.17-1 [7.456 B]
Des:101 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython-dev amd64 2.7.17-1 [5.892 B]
Des:102 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 libpython-all-dev amd64 2.7.17-1 [1.112 B]
Des:103 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libreadline-dev amd64 8.0-3 [141 kB]
Des:104 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libsocket6-perl amd64 0.29-1 [19,1 kB]
Des:105 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libssl-dev amd64 1.1.1c-1ubuntu4 [1.578 kB]
Des:106 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 libtool all 2.4.6-11 [194 kB]
Des:107 http://en.archive.ubuntu.com/ubuntu eoan/main amd64 manpages-dev all 5.02-1 [2.250 kB]
Des:108 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-all amd64 2.7.17-1 [1.088 B]
Des:109 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2.7-dev amd64 2.7.17~rc1-1 [278 kB]
Des:110 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python2-dev amd64 2.7.17-1 [1.264 B]
Des:111 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-dev amd64 2.7.17-1 [1.240 B]
Des:112 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-all-dev amd64 2.7.17-1 [1.112 B]
Des:113 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-asn1crypto all 0.24.0-1 [72,7 kB]
Des:114 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-cffi-backend amd64 1.12.3-1build1 [69,2 kB]
Des:115 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-configparser all 3.5.0b2-3 [62,7 kB]
Des:116 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-crypto amd64 2.6.1-10 [238 kB]
Des:117 http://en.archive.ubuntu.com/ubuntu eoan/universe amd64 python-enum34 all 1.1.6-2 [34,8 kB]
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Seleccionando el paquete m4 previamente no seleccionado.
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Preparando para desempaquetar .../3-python2.7-minimal_2.7.17~rc1-1_amd64.deb ...
Desempaquetando python2.7-minimal (2.7.17~rc1-1) ...
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Seleccionando el paquete python2-minimal previamente no seleccionado.
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Preparando para desempaquetar .../5-python-minimal_2.7.17-1_amd64.deb ...
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Seleccionando el paquete libpython2.7-stdlib:amd64 previamente no seleccionado.
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Configurando libpython2.7-minimal:amd64 (2.7.17~rc1-1) ...
Configurando python2.7-minimal (2.7.17~rc1-1) ...
Linking and byte-compiling packages for runtime python2.7...
Configurando python2-minimal (2.7.17-1) ...
Seleccionando el paquete python2 previamente no seleccionado.
(Leyendo la base de datos ... 70213 ficheros o directorios instalados actualmente.)
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Desempaquetando python2 (2.7.17-1) ...
Configurando python-minimal (2.7.17-1) ...
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Preparando para desempaquetar .../007-binutils_2.33-2ubuntu1_amd64.deb ...
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Seleccionando el paquete libstdc++-9-dev:amd64 previamente no seleccionado.
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Seleccionando el paquete g++ previamente no seleccionado.
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Desempaquetando libfile-fcntllock-perl (0.22-3build3) ...
Seleccionando el paquete libfl-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../070-libfl-dev_2.6.4-6.2_amd64.deb ...
Desempaquetando libfl-dev:amd64 (2.6.4-6.2) ...
Seleccionando el paquete libgdbm-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../071-libgdbm-dev_1.18.1-5_amd64.deb ...
Desempaquetando libgdbm-dev:amd64 (1.18.1-5) ...
Seleccionando el paquete libgeoip-dev previamente no seleccionado.
Preparando para desempaquetar .../072-libgeoip-dev_1.6.12-5_amd64.deb ...
Desempaquetando libgeoip-dev (1.6.12-5) ...
Seleccionando el paquete libjs-jquery previamente no seleccionado.
Preparando para desempaquetar .../073-libjs-jquery_3.3.1~dfsg-3_all.deb ...
Desempaquetando libjs-jquery (3.3.1~dfsg-3) ...
Seleccionando el paquete libjs-underscore previamente no seleccionado.
Preparando para desempaquetar .../074-libjs-underscore_1.9.1~dfsg-1_all.deb ...
Desempaquetando libjs-underscore (1.9.1~dfsg-1) ...
Seleccionando el paquete libjs-sphinxdoc previamente no seleccionado.
Preparando para desempaquetar .../075-libjs-sphinxdoc_1.8.5-3_all.deb ...
Desempaquetando libjs-sphinxdoc (1.8.5-3) ...
Seleccionando el paquete libltdl7:amd64 previamente no seleccionado.
Preparando para desempaquetar .../076-libltdl7_2.4.6-11_amd64.deb ...
Desempaquetando libltdl7:amd64 (2.4.6-11) ...
Seleccionando el paquete libltdl-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../077-libltdl-dev_2.4.6-11_amd64.deb ...
Desempaquetando libltdl-dev:amd64 (2.4.6-11) ...
Seleccionando el paquete libmagic-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../078-libmagic-dev_1%3a5.37-5ubuntu0.1_amd64.deb ...
Desempaquetando libmagic-dev:amd64 (1:5.37-5ubuntu0.1) ...
Seleccionando el paquete libmaxminddb0:amd64 previamente no seleccionado.
Preparando para desempaquetar .../079-libmaxminddb0_1.3.2-1_amd64.deb ...
Desempaquetando libmaxminddb0:amd64 (1.3.2-1) ...
Seleccionando el paquete libmaxminddb-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../080-libmaxminddb-dev_1.3.2-1_amd64.deb ...
Desempaquetando libmaxminddb-dev:amd64 (1.3.2-1) ...
Seleccionando el paquete libncurses-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../081-libncurses-dev_6.1+20190803-1ubuntu1_amd64.deb ...

Desempaquetando libncurses-dev:amd64 (6.1+20190803-1ubuntu1) ...
Seleccionando el paquete libnspr4:amd64 previamente no seleccionado.
Preparando para desempaquetar .../082-libnspr4_2%3a4.21-2build1_amd64.deb ...
Desempaquetando libnspr4:amd64 (2:4.21-2build1) ...
Seleccionando el paquete libnss3:amd64 previamente no seleccionado.
Preparando para desempaquetar .../083-libnss3_2%3a3.45-1ubuntu2.1_amd64.deb ...
Desempaquetando libnss3:amd64 (2:3.45-1ubuntu2.1) ...
Seleccionando el paquete libpcap0.8-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../084-libpcap0.8-dev_1.9.1-2_amd64.deb ...
Desempaquetando libpcap0.8-dev:amd64 (1.9.1-2) ...
Seleccionando el paquete libpcap-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../085-libpcap-dev_1.9.1-2_amd64.deb ...
Desempaquetando libpcap-dev:amd64 (1.9.1-2) ...
Seleccionando el paquete libpython2.7:amd64 previamente no seleccionado.
Preparando para desempaquetar .../086-libpython2.7_2.7.17~rc1-1_amd64.deb ...
Desempaquetando libpython2.7:amd64 (2.7.17~rc1-1) ...
Seleccionando el paquete libpython2.7-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../087-libpython2.7-dev_2.7.17~rc1-1_amd64.deb ...
Desempaquetando libpython2.7-dev:amd64 (2.7.17~rc1-1) ...
Seleccionando el paquete libpython2-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../088-libpython2-dev_2.7.17-1_amd64.deb ...
Desempaquetando libpython2-dev:amd64 (2.7.17-1) ...
Seleccionando el paquete libpython-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../089-libpython-dev_2.7.17-1_amd64.deb ...
Desempaquetando libpython-dev:amd64 (2.7.17-1) ...
Seleccionando el paquete libpython-all-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../090-libpython-all-dev_2.7.17-1_amd64.deb ...
Desempaquetando libpython-all-dev:amd64 (2.7.17-1) ...
Seleccionando el paquete libreadline-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../091-libreadline-dev_8.0-3_amd64.deb ...
Desempaquetando libreadline-dev:amd64 (8.0-3) ...
Seleccionando el paquete libsocket6-perl previamente no seleccionado.
Preparando para desempaquetar .../092-libsocket6-perl_0.29-1_amd64.deb ...
Desempaquetando libsocket6-perl (0.29-1) ...
Seleccionando el paquete libssl-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../093-libssl-dev_1.1.1c-1ubuntu4_amd64.deb ...
Desempaquetando libssl-dev:amd64 (1.1.1c-1ubuntu4) ...
Seleccionando el paquete libtool previamente no seleccionado.
Preparando para desempaquetar .../094-libtool_2.4.6-11_all.deb ...
Desempaquetando libtool (2.4.6-11) ...
Seleccionando el paquete manpages-dev previamente no seleccionado.
Preparando para desempaquetar .../095-manpages-dev_5.02-1_all.deb ...
Desempaquetando manpages-dev (5.02-1) ...
Seleccionando el paquete python-all previamente no seleccionado.
Preparando para desempaquetar .../096-python-all_2.7.17-1_amd64.deb ...
Desempaquetando python-all (2.7.17-1) ...
Seleccionando el paquete python2.7-dev previamente no seleccionado.
Preparando para desempaquetar .../097-python2.7-dev_2.7.17~rc1-1_amd64.deb ...
Desempaquetando python2.7-dev (2.7.17~rc1-1) ...
Seleccionando el paquete python2-dev previamente no seleccionado.
Preparando para desempaquetar .../098-python2-dev_2.7.17-1_amd64.deb ...
Desempaquetando python2-dev (2.7.17-1) ...
Seleccionando el paquete python-dev previamente no seleccionado.
Preparando para desempaquetar .../099-python-dev_2.7.17-1_amd64.deb ...
Desempaquetando python-dev (2.7.17-1) ...
Seleccionando el paquete python-all-dev previamente no seleccionado.
Preparando para desempaquetar .../100-python-all-dev_2.7.17-1_amd64.deb ...
Desempaquetando python-all-dev (2.7.17-1) ...
Seleccionando el paquete python-asn1crypto previamente no seleccionado.
Preparando para desempaquetar .../101-python-asn1crypto_0.24.0-1_all.deb ...
Desempaquetando python-asn1crypto (0.24.0-1) ...
Seleccionando el paquete python-cffi-backend previamente no seleccionado.
Preparando para desempaquetar .../102-python-cffi-backend_1.12.3-1build1_amd64.deb ...
Desempaquetando python-cffi-backend (1.12.3-1build1) ...
Seleccionando el paquete python-configparser previamente no seleccionado.
Preparando para desempaquetar .../103-python-configparser_3.5.0b2-3_all.deb ...
Desempaquetando python-configparser (3.5.0b2-3) ...
Seleccionando el paquete python-crypto previamente no seleccionado.
Preparando para desempaquetar .../104-python-crypto_2.6.1-10_amd64.deb ...
Desempaquetando python-crypto (2.6.1-10) ...
Seleccionando el paquete python-enum34 previamente no seleccionado.
Preparando para desempaquetar .../105-python-enum34_1.1.6-2_all.deb ...
Desempaquetando python-enum34 (1.1.6-2) ...
Seleccionando el paquete python-ipaddress previamente no seleccionado.
Preparando para desempaquetar .../106-python-ipaddress_1.0.17-1_all.deb ...
Desempaquetando python-ipaddress (1.0.17-1) ...
Seleccionando el paquete python-six previamente no seleccionado.
Preparando para desempaquetar .../107-python-six_1.12.0-2_all.deb ...
Desempaquetando python-six (1.12.0-2) ...
Seleccionando el paquete python-cryptography previamente no seleccionado.
Preparando para desempaquetar .../108-python-cryptography_2.6.1-3.1_amd64.deb ...
Desempaquetando python-cryptography (2.6.1-3.1) ...
Seleccionando el paquete python-dbus previamente no seleccionado.
Preparando para desempaquetar .../109-python-dbus_1.2.12-1_amd64.deb ...
Desempaquetando python-dbus (1.2.12-1) ...
Seleccionando el paquete python-entrypoints previamente no seleccionado.
Preparando para desempaquetar .../110-python-entrypoints_0.3-1_all.deb ...
Desempaquetando python-entrypoints (0.3-1) ...
Seleccionando el paquete python-gi previamente no seleccionado.
Preparando para desempaquetar .../111-python-gi_3.34.0-1_amd64.deb ...
Desempaquetando python-gi (3.34.0-1) ...

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Seleccionando el paquete python-secretstorage previamente no seleccionado.
Preparando para desempaquetar .../112-python-secretstorage_2.3.1-2_all.deb ...
Desempaquetando python-secretstorage (2.3.1-2) ...
Seleccionando el paquete python-keyring previamente no seleccionado.
Preparando para desempaquetar .../113-python-keyring_18.0.1-1_all.deb ...
Desempaquetando python-keyring (18.0.1-1) ...
Seleccionando el paquete python-keyrings.alt previamente no seleccionado.
Preparando para desempaquetar .../114-python-keyrings.alt_3.1.1-1_all.deb ...
Desempaquetando python-keyrings.alt (3.1.1-1) ...
Seleccionando el paquete python-pip-whl previamente no seleccionado.
Preparando para desempaquetar .../115-python-pip-whl_18.1-5_all.deb ...
Desempaquetando python-pip-whl (18.1-5) ...
Seleccionando el paquete python-pip previamente no seleccionado.
Preparando para desempaquetar .../116-python-pip_18.1-5_all.deb ...
Desempaquetando python-pip (18.1-5) ...
Seleccionando el paquete python-pkg-resources previamente no seleccionado.
Preparando para desempaquetar .../117-python-pkg-resources_41.1.0-1_all.deb ...
Desempaquetando python-pkg-resources (41.1.0-1) ...
Seleccionando el paquete python-setuptools previamente no seleccionado.
Preparando para desempaquetar .../118-python-setuptools_41.1.0-1_all.deb ...
Desempaquetando python-setuptools (41.1.0-1) ...
Seleccionando el paquete python-wheel previamente no seleccionado.
Preparando para desempaquetar .../119-python-wheel_0.32.3-2_all.deb ...
Desempaquetando python-wheel (0.32.3-2) ...
Seleccionando el paquete python-xdg previamente no seleccionado.
Preparando para desempaquetar .../120-python-xdg_0.25-5_all.deb ...
Desempaquetando python-xdg (0.25-5) ...
Seleccionando el paquete swig3.0 previamente no seleccionado.
Preparando para desempaquetar .../121-swig3.0_3.0.12-2_amd64.deb ...
Desempaquetando swig3.0 (3.0.12-2) ...
Seleccionando el paquete swig previamente no seleccionado.
Preparando para desempaquetar .../122-swig_3.0.12-2_amd64.deb ...
Desempaquetando swig (3.0.12-2) ...
Seleccionando el paquete systemtap-runtime previamente no seleccionado.
Preparando para desempaquetar .../123-systemtap-runtime_4.1-9_amd64.deb ...
Desempaquetando systemtap-runtime (4.1-9) ...
Seleccionando el paquete systemtap-common previamente no seleccionado.
Preparando para desempaquetar .../124-systemtap-common_4.1-9_all.deb ...
Desempaquetando systemtap-common (4.1-9) ...
Seleccionando el paquete systemtap previamente no seleccionado.
Preparando para desempaquetar .../125-systemtap_4.1-9_amd64.deb ...
Desempaquetando systemtap (4.1-9) ...
Seleccionando el paquete libc6-dbg:amd64 previamente no seleccionado.
Preparando para desempaquetar .../126-libc6-dbg_2.30-0ubuntu2_amd64.deb ...
Desempaquetando libc6-dbg:amd64 (2.30-0ubuntu2) ...
Seleccionando el paquete libkrb5-dev:amd64 previamente no seleccionado.
Preparando para desempaquetar .../127-libkrb5-dev_1.17-6_amd64.deb ...
Desempaquetando libkrb5-dev:amd64 (1.17-6) ...
Configurando systemtap-common (4.1-9) ...
Configurando libisl12:amd64 (0.21-2) ...
Configurando javascript-common (11) ...
Configurando libxapian30:amd64 (1.4.12-1) ...
Configurando manpages-dev (5.02-1) ...
Configurando libdw1:amd64 (0.176-1.1) ...
Configurando libfile-fcntllock-perl (0.22-3build3) ...
Configurando libalgorithm-diff-perl (1.19.03-2) ...
Configurando libmaxminddb0:amd64 (1.3.2-1) ...
Configurando libmaxminddb-dev:amd64 (1.3.2-1) ...
Configurando binutils-common:amd64 (2.33-2ubuntu1) ...
Configurando linux-libc-dev:amd64 (5.3.0-24.26) ...
Configurando m4 (1.4.18-2) ...
Configurando libmagic-dev:amd64 (1:5.37-5ubuntu0.1) ...
Configurando libgomp1:amd64 (9.2.1-9ubuntu2) ...
Configurando libfakeroot:amd64 (1.24-1) ...
Configurando libc6-dbg:amd64 (2.30-0ubuntu2) ...
Configurando libpython2.7-stdlib:amd64 (2.7.17~rc1-1) ...
Configurando fakeroot (1.24-1) ...
update-alternatives: utilizando /usr/bin/fakeroot-sysv para proveer /usr/bin/fakeroot (fakeroot) en modo
automático
Configurando libgssrpc4:amd64 (1.17-6) ...
Configurando libasan5:amd64 (9.2.1-9ubuntu2) ...
Configurando libnetaddr-ip-perl (4.079+dfsg-1build3) ...
Configurando autotools-dev (20180224.1) ...
Configurando libuv1:amd64 (1.30.1-1) ...
Configurando python-dbus (1.2.12-1) ...
Configurando iperf (2.0.13+dfsg1-1) ...
Configurando swig3.0 (3.0.12-2) ...
Configurando make (4.2.1-1.2) ...
Configurando libnspr4:amd64 (2:4.21-2build1) ...
Configurando libsocket6-perl (0.29-1) ...
Configurando libavahi-common-data:amd64 (0.7-4ubuntu5) ...
Configurando libquadmath0:amd64 (9.2.1-9ubuntu2) ...
Configurando libssl-dev:amd64 (1.1.1c-1ubuntu4) ...
Configurando libmpc3:amd64 (1.1.0-1) ...
Configurando libatomic1:amd64 (9.2.1-9ubuntu2) ...
Configurando libltdl7:amd64 (2.4.6-11) ...
Configurando libbabeltrace1:amd64 (1.5.7-1) ...
Configurando libdpkg-perl (1.19.7ubuntu2) ...
Configurando autoconf (2.69-11ubuntu1) ...
Configurando libubsan1:amd64 (9.2.1-9ubuntu2) ...
Configurando libkdb5-9:amd64 (1.17-6) ...

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Configurando libhash0:amd64 (1.3.8-1) ...
Configurando bison (2:3.4.1+dfsg-4) ...
update-alternatives: utilizando /usr/bin/bison.yacc para proveer /usr/bin/yacc (yacc) en modo automático
Configurando gdbserver (8.3-0ubuntu1) ...
Configurando cpp-9 (9.2.1-9ubuntu2) ...
Configurando python-pip-whl (18.1-5) ...
Configurando cmake-data (3.13.4-1build1) ...
Configurando libkadm5srv-mit11:amd64 (1.17-6) ...
Configurando libjs-jquery (3.3.1~dfsg-3) ...
Configurando libbinutils:amd64 (2.33-2ubuntu1) ...
Configurando libc-dev-bin (2.30-0ubuntu2) ...
Configurando libalgorithm-diff-xs-perl (0.04-5build1) ...
Configurando libcc1-0:amd64 (9.2.1-9ubuntu2) ...
Configurando libllvm9:amd64 (1:9-2) ...
Configurando liblsan0:amd64 (9.2.1-9ubuntu2) ...
Configurando libitm1:amd64 (9.2.1-9ubuntu2) ...
Configurando libjsncpp1:amd64 (1.7.4-3) ...
Configurando libjs-underscore (1.9.1~dfsg-1) ...
Configurando libalgorithm-merge-perl (0.08-3) ...
Configurando binutils-x86-64-linux-gnu (2.33-2ubuntu1) ...
Configurando libtsan0:amd64 (9.2.1-9ubuntu2) ...
Configurando automake (1:1.16.1-4ubuntu3) ...
update-alternatives: utilizando /usr/bin/automake-1.16 para proveer /usr/bin/automake (automake) en modo
automático
Configurando libkadm5clnt-mit11:amd64 (1.17-6) ...
Configurando libpython2.7:amd64 (2.7.17~rc1-1) ...
Configurando flex (2.6.4-6.2) ...
Configurando swig (3.0.12-2) ...
Configurando python2.7 (2.7.17~rc1-1) ...
Configurando libpython2-stdlib:amd64 (2.7.17-1) ...
Configurando geoip-bin (1.6.12-5) ...
Configurando libclang1-9 (1:9-2) ...
Configurando libavahi-common3:amd64 (0.7-4ubuntu5) ...
Configurando libnss3:amd64 (2:3.45-1ubuntu2.1) ...
Configurando binutils (2.33-2ubuntu1) ...
Configurando python2 (2.7.17-1) ...
Configurando libfl-dev:amd64 (2.6.4-6.2) ...
Configurando dpkg-dev (1.19.7ubuntu2) ...
Configurando libgcc-9-dev:amd64 (9.2.1-9ubuntu2) ...
Configurando libltdl-dev:amd64 (2.4.6-11) ...
Configurando libpython-stdlib:amd64 (2.7.17-1) ...
Configurando doxygen (1.8.13-10ubuntu3) ...
Configurando gdb (8.3-0ubuntu1) ...
Configurando systemtap-runtime (4.1-9) ...
Adding stapdev group...
Adding stapusr group...
Adding stapsys group...
Configurando libjs-sphinxdoc (1.8.5-3) ...
Configurando cpp (4:9.2.1-3.1ubuntu1) ...
Configurando cmake (3.13.4-1build1) ...
Configurando libc6-dev:amd64 (2.30-0ubuntu2) ...
Configurando libgdbm-dev:amd64 (1.18.1-5) ...
Configurando python (2.7.17-1) ...
Configurando libavahi-client3:amd64 (0.7-4ubuntu5) ...
Configurando python-ipaddress (1.0.17-1) ...
Configurando python-cffi-backend (1.12.3-1build1) ...
Configurando python-enum34 (1.1.6-2) ...
Configurando gcc-9 (9.2.1-9ubuntu2) ...
Configurando python-crypto (2.6.1-10) ...
Configurando python-gi (3.34.0-1) ...
Configurando systemtap (4.1-9) ...
Configurando libgeoip-dev (1.6.12-5) ...
Configurando libncurses-dev:amd64 (6.1+20190803-1ubuntu1) ...
Configurando libstdc++-9-dev:amd64 (9.2.1-9ubuntu2) ...
Configurando libtool (2.4.6-11) ...
Configurando python-wheel (0.32.3-2) ...
Configurando python-pkg-resources (41.1.0-1) ...
Configurando libpcap0.8-dev:amd64 (1.9.1-2) ...
Configurando python-asn1crypto (0.24.0-1) ...
Configurando python-all (2.7.17-1) ...
Configurando libreadline-dev:amd64 (8.0-3) ...
Configurando gcc (4:9.2.1-3.1ubuntu1) ...
Configurando python-six (1.12.0-2) ...
Configurando python-xdg (0.25-5) ...
Configurando python-configparser (3.5.0b2-3) ...
Configurando libexpat1-dev:amd64 (2.2.7-2) ...
Configurando comerr-dev:amd64 (2.1-1.45.3-4ubuntu2) ...
Configurando python-pip (18.1-5) ...
Configurando python-setuptools (41.1.0-1) ...
Configurando g++-9 (9.2.1-9ubuntu2) ...
Configurando zlib1g-dev:amd64 (1:1.2.11.dfsg-1ubuntu3) ...
Configurando g++ (4:9.2.1-3.1ubuntu1) ...
update-alternatives: utilizando /usr/bin/g++ para proveer /usr/bin/c++ (c++) en modo automático
Configurando build-essential (12.8ubuntu1) ...
Configurando krb5-multidev:amd64 (1.17-6) ...
Configurando libpython2.7-dev:amd64 (2.7.17~rc1-1) ...
Configurando libpcap-dev:amd64 (1.9.1-2) ...
Configurando python-keyrings.alt (3.1.1-1) ...
Configurando python-cryptography (2.6.1-3.1) ...
Configurando python-entrypoints (0.3-1) ...
Configurando libkrb5-dev:amd64 (1.17-6) ...

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Configurando libelf-dev:amd64 (0.176-1.1) ...
Configurando libpython2-dev:amd64 (2.7.17-1) ...
Configurando python2.7-dev (2.7.17~rc1-1) ...
Configurando python2-dev (2.7.17-1) ...
Configurando python-secretsstorage (2.3.1-2) ...
Configurando python-keyring (18.0.1-1) ...
Configurando libpython-dev:amd64 (2.7.17-1) ...
Configurando python-dev (2.7.17-1) ...
Configurando libpython-all-dev:amd64 (2.7.17-1) ...
Configurando python-all-dev (2.7.17-1) ...
Procesando disparadores para mime-support (3.6ubuntu1) ...
Procesando disparadores para libc-bin (2.30-0ubuntu2) ...
Procesando disparadores para man-db (2.8.7-3) ...
Procesando disparadores para install-info (6.6.0.dfsg.1-2ubuntu2) ...
root@vm07pec4zeek:/home/usuario#
root@vm07pec4zeek:/home/usuario#
root@vm07pec4zeek:/home/usuario# apt-get install cmake make gcc g++ flex bison libpcap-dev libssl-dev python-dev
swig zlib1g-dev libgeoip-dev build-essential libelf-dev -y
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
bison ya está en su versión más reciente (2:3.4.1+dfsg-4).
build-essential ya está en su versión más reciente (12.8ubuntu1).
cmake ya está en su versión más reciente (3.13.4-1build1).
flex ya está en su versión más reciente (2.6.4-6.2).
g++ ya está en su versión más reciente (4:9.2.1-3.1ubuntu1).
gcc ya está en su versión más reciente (4:9.2.1-3.1ubuntu1).
libelf-dev ya está en su versión más reciente (0.176-1.1).
libgeoip-dev ya está en su versión más reciente (1.6.12-5).
libpcap-dev ya está en su versión más reciente (1.9.1-2).
libssl-dev ya está en su versión más reciente (1.1.1c-1ubuntu4).
make ya está en su versión más reciente (4.2.1-1.2).
zlib1g-dev ya está en su versión más reciente (1:1.2.11.dfsg-1ubuntu3).
python-dev ya está en su versión más reciente (2.7.17-1).
swig ya está en su versión más reciente (3.0.12-2).
0 actualizados, 0 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
root@vm07pec4zeek:/home/usuario# sudo apt-get install cmake make gcc g++ flex bison libpcap-dev libssl-dev python-
dev swig zlib1g-dev
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
bison ya está en su versión más reciente (2:3.4.1+dfsg-4).
cmake ya está en su versión más reciente (3.13.4-1build1).
flex ya está en su versión más reciente (2.6.4-6.2).
g++ ya está en su versión más reciente (4:9.2.1-3.1ubuntu1).
gcc ya está en su versión más reciente (4:9.2.1-3.1ubuntu1).
libpcap-dev ya está en su versión más reciente (1.9.1-2).
libssl-dev ya está en su versión más reciente (1.1.1c-1ubuntu4).
make ya está en su versión más reciente (4.2.1-1.2).
zlib1g-dev ya está en su versión más reciente (1:1.2.11.dfsg-1ubuntu3).
python-dev ya está en su versión más reciente (2.7.17-1).
swig ya está en su versión más reciente (3.0.12-2).
0 actualizados, 0 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
root@vm07pec4zeek:/home/usuario# cd /opt
root@vm07pec4zeek:/opt# git clone https://github.com/ntop/PF_RING.git
Cloning into 'PF_RING'...
remote: Enumerating objects: 106, done.
remote: Counting objects: 100% (106/106), done.
remote: Compressing objects: 100% (76/76), done.
remote: Total 24626 (delta 57), reused 62 (delta 28), pack-reused 24520
Receiving objects: 100% (24626/24626), 68.50 MiB | 10.26 MiB/s, done.
Resolving deltas: 100% (18101/18101), done.
root@vm07pec4zeek:/opt# cd PF_RING/kernel
root@vm07pec4zeek:/opt/PF_RING/kernel# make
#make -C /lib/modules/5.3.0-24-generic/build SUBDIRS=/opt/PF_RING/kernel EXTRA_CFLAGS=-I/opt/PF_RING/kernel -
DGIT_REV="" "dev:b623603281f0ace3a8554f9a329863e9ee6e1626\" \" -no-pie -fno-pie' modules
make -C /lib/modules/5.3.0-24-generic/build M=/opt/PF_RING/kernel EXTRA_CFLAGS=-I/opt/PF_RING/kernel -
DGIT_REV="" "dev:b623603281f0ace3a8554f9a329863e9ee6e1626\" \" -no-pie -fno-pie' modules
make[1]: Entering directory '/usr/src/linux-headers-5.3.0-24-generic'
CC [M] /opt/PF_RING/kernel/pf_ring.o
/opt/PF_RING/kernel/pf_ring.c: In function 'hash_pkt_cluster':
/opt/PF_RING/kernel/pf_ring.c:3806:7: warning: this statement may fall through [-Wimplicit-fallthrough=]
3806 |         if(l3_proto == IPPROTO_TCP)
      |         ^
/opt/PF_RING/kernel/pf_ring.c:3813:3: note: here
3813 |     case cluster_per_flow_2_tuple:
      |     ^~~~
Building modules, stage 2.
MODPOST 1 modules
CC /opt/PF_RING/kernel/pf_ring.mod.o
LD [M] /opt/PF_RING/kernel/pf_ring.ko
make[1]: Leaving directory '/usr/src/linux-headers-5.3.0-24-generic'
root@vm07pec4zeek:/opt/PF_RING/kernel# insmod ./pf_ring.ko
root@vm07pec4zeek:/opt/PF_RING/kernel# cd ../userland
root@vm07pec4zeek:/opt/PF_RING/userland# make
./configure
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no

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```

checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking linux/net_tstamp.h usability... yes
checking linux/net_tstamp.h presence... yes
checking for linux/net_tstamp.h... yes
checking librdi.h usability... no
checking librdi.h presence... no
checking for librdi.h... no
checking for clock_gettime in -lrt... yes
checking for nl_handle_alloc in -lnl... no
checking for dlopen, dlsym in -ldl... yes
checking for nl_socket_alloc in -lnl-3... no
checking for pthread_setaffinity_np in -lpthread... yes
checking PF_RING ZC support... yes
checking PF_RING FT support... yes
checking PF_RING NPCAP support... yes
checking if r/w locks are supported... yes
checking nDPI support for FT... ./configure: line 3939: pkg-config: command not found
no
configure: WARNING: nDPI is required for L7 protocol detection with PF_RING FT, please install it from
http://github.com/ntop/nDPI
checking nDPI support for nBPF - static linking... no
configure: creating ./config.status
config.status: creating lib/Makefile
config.status: creating lib/pfring_config
config.status: creating examples/Makefile
config.status: creating examples_zc/Makefile
config.status: creating examples_ft/Makefile
config.status: creating c++/Makefile
config.status: creating nbpf/Makefile
config.status: creating wireshark/extcap/Makefile
config.status: creating lib/config.h
cd lib; make
make[1]: Entering directory '/opt/PF_RING/userland/lib'
make -C ../nbpf
make[2]: Entering directory '/opt/PF_RING/userland/nbpf'
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o nbpf_mod_rdif.o nbpf_mod_rdif.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o rules.o rules.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o tree_match.o tree_match.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o parser.o parser.c
bison -d grammar.y
lex scanner.l
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o lex.yy.o lex.yy.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o grammar.tab.o grammar.tab.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o nbpf_mod_fiberblaze.o
nbpf_mod_fiberblaze.c
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -c -o nbpf_mod_napatech.o
nbpf_mod_napatech.c
ar rs libnbpf.a nbpf_mod_rdif.o rules.o tree_match.o parser.o lex.yy.o grammar.tab.o nbpf_mod_fiberblaze.o
nbpf_mod_napatech.o
ar: creating libnbpf.a
ranlib libnbpf.a
gcc -Wall -fPIC -O2 -I../lib -I../kernel -Wno-address-of-packed-member -g nbpf_test.c -o nbpf_test libnbpf.a
../lib/pfring_config --libs -lpthread
make[2]: Leaving directory '/opt/PF_RING/userland/nbpf'
ar x ../nbpf/libnbpf.a
cp ../nbpf/nbpf.h .
ar x libs/libpfring_zc_x86_64.a
ar x libs/libpfring_ft_x86_64_d1.a
ar x libs/libpfring_nt_x86_64.a
ar x libs/libpfring_myricom_x86_64.a
ar x libs/libpfring_dag_x86_64.a
ar x libs/libpfring_fiberblaze_x86_64.a
ar x libs/libpfring_accolade_x86_64.a
ar x libs/libpfring_netcope_x86_64.a
ar x libs/libnpcap_x86_64.a
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring.c -o pfring.o
pfring.c: In function 'pfring_loop':
pfring.c:532:7: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a
'pfring_ft_pcap_pkthdr' (aka 'const struct <anonymous>') pointer (alignment 8) may result in an unaligned pointer
value [-Waddress-of-packed-member]
532 |         if (unlikely(ring->ft && pfring_ft_process(ring->ft, buffer, (pfring_ft_pcap_pkthdr *) &hdr,
&ext_hdr) == PFRING_FT_ACTION_DISCARD))
    |         ^~

```

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In file included from pfring.h:60,
    from pfring.c:22:
../../kernel/linux/pf_ring.h:334:8: note: defined here
  334 | struct pfring_pkthdr {
      | ^~~~~~
pfring.c: In function 'pfring_recv':
pfring.c:617:5: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a
'pfring_ft_pcap_pkthdr' {aka 'const struct <anonymous>'} pointer (alignment 8) may result in an unaligned pointer
value [-Waddress-of-packed-member]
  617 |     if (unlikely(rc > 0 && ring->ft && pfring_ft_process(ring->ft, *buffer, (pfring_ft_pcap_pkthdr *) hdr,
&ext_hdr) == PFRING_FT_ACTION_DISCARD))
      |     ^~

In file included from pfring.h:60,
    from pfring.c:22:
../../kernel/linux/pf_ring.h:334:8: note: defined here
  334 | struct pfring_pkthdr {
      | ^~~~~~
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod.c -o pfring_mod.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_utils.c -o pfring_utils.o
pfring_utils.c: In function 'pfring_parse_pkt':
pfring_utils.c:495:18: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an
unaligned pointer value [-Waddress-of-packed-member]
  495 |     gettimeofday(&hdr->ts, NULL); /* TODO What about using clock_gettime(CLOCK_REALTIME, ts) ? */
      |                  ^~~~~~
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod_stack.c -o pfring_mod_stack.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_hw_filtering.c -o pfring_hw_filtering.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_hw_timestamp.c -o pfring_hw_timestamp.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod_sysdig.c -o pfring_mod_sysdig.o
== making library libpfring.a ==
ar rs libpfring.a pfring.o pfring_mod.o pfring_utils.o pfring_mod_stack.o pfring_hw_filtering.o
pfring_hw_timestamp.o pfring_mod_sysdig.o pfring_zc_dev_e1000.o pfring_zc_dev_e1000e.o pfring_zc_dev_ixgbe.o
pfring_zc_dev_ixgbev.o pfring_zc_dev_igb.o pfring_zc_dev_i40e.o pfring_zc_dev_fm10k.o pfring_zc_dev_rss.o
pfring_zc_dev_sal.o pfring_mod_zc.o pfring_mod_zc_dev.o pfring_mod_zc_spisc.o pfring_zc_cluster.o pfring_zc_mm.o
uio_lib.o hugetlb_lib.o numa_lib.o pfring_zc_kvm.o pfring_zc_kvm_utils.o silicom_ts_card.o pfring_ft_flow.o
pfring_ft_hash.o pfring_ft_list.o pfring_ft_dpi.o pfring_ft_utils.o pfring_ft_table.o pfring_ft_fragment_hash.o
pfring_mod_dag.o pfring_mod_fiberblaze.o pfring_mod_nt.o pfring_mod_accolade.o pfring_mod_myricom.o
pfring_mod_netcope.o pfring_mod_timeline.o npcac_extract.o index_match.o npcac_utils.o npcac_compression.o
npcac_index.o npcac_timeline.o npcac_storage.o lzf_c.o lzf_d.o `ar t ../nbpf/libnbpf.a | grep -F .o | tr '\n' '
'
ar: creating libpfring.a
ranlib libpfring.a
== making library libpfring.so ==
gcc -Wl,-soname,libpfring.so.1 -g -shared pfring.o pfring_mod.o pfring_utils.o pfring_mod_stack.o
pfring_hw_filtering.o pfring_hw_timestamp.o pfring_mod_sysdig.o pfring_zc_dev_e1000.o pfring_zc_dev_e1000e.o
pfring_zc_dev_ixgbe.o pfring_zc_dev_ixgbev.o pfring_zc_dev_igb.o pfring_zc_dev_i40e.o pfring_zc_dev_fm10k.o
pfring_zc_dev_rss.o pfring_zc_dev_sal.o pfring_mod_zc.o pfring_mod_zc_dev.o pfring_mod_zc_spisc.o
pfring_zc_cluster.o pfring_zc_mm.o uio_lib.o hugetlb_lib.o numa_lib.o pfring_zc_kvm.o pfring_zc_kvm_utils.o
silicom_ts_card.o pfring_ft_flow.o pfring_ft_hash.o pfring_ft_list.o pfring_ft_dpi.o pfring_ft_utils.o
pfring_ft_table.o pfring_ft_fragment_hash.o pfring_mod_dag.o pfring_mod_fiberblaze.o pfring_mod_nt.o
pfring_mod_accolade.o pfring_mod_myricom.o pfring_mod_netcope.o pfring_mod_timeline.o npcac_extract.o
index_match.o npcac_utils.o npcac_compression.o npcac_index.o npcac_timeline.o npcac_storage.o lzf_c.o lzf_d.o
`ar t ../nbpf/libnbpf.a | grep -F .o | tr '\n' ' ' -lpthread -lrt -ldl -lm -ldl -o libpfring.so
make[1]: Leaving directory '/opt/PF_RING/userland/lib'
cd libpcap; ./configure --enable-ipv6 --enable-dbus=no --without-libnl --with-snf=no --disable-bluetooth --
disable-canusb --with-dag=no
configure: WARNING: unrecognized options: --disable-canusb
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... x86_64-unknown-linux-gnu
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking whether the compiler supports the -fvisibility=hidden option... yes
checking for inline... inline
checking for __attribute__... yes
checking whether __attribute__((unused)) can be used without warnings... yes
checking whether __attribute__((format)) can be used without warnings... yes
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes

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checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking sys/bitypes.h usability... yes
checking sys/bitypes.h presence... yes
checking for sys/bitypes.h... yes
checking for int8_t... yes
checking for u_int8_t... yes
checking for int16_t... yes
checking for u_int16_t... yes
checking for int32_t... yes
checking for u_int32_t... yes
checking for int64_t... yes
checking for u_int64_t... yes
checking for special C compiler options needed for large files... no
checking for _FILE_OFFSET_BITS value needed for large files... no
checking for _LARGEFILE_SOURCE value needed for large files... no
checking sys/ioccom.h usability... no
checking sys/ioccom.h presence... no
checking for sys/ioccom.h... no
checking sys/select.h usability... yes
checking sys/select.h presence... yes
checking for sys/select.h... yes
checking sys/sockio.h usability... no
checking sys/sockio.h presence... no
checking for sys/sockio.h... no
checking limits.h usability... yes
checking limits.h presence... yes
checking for limits.h... yes
checking linux/types.h usability... yes
checking linux/types.h presence... yes
checking for linux/types.h... yes
checking linux/if_packet.h usability... yes
checking linux/if_packet.h presence... yes
checking for linux/if_packet.h... yes
checking netpacket/packet.h usability... yes
checking netpacket/packet.h presence... yes
checking for netpacket/packet.h... yes
checking netpacket/if_packet.h usability... no
checking netpacket/if_packet.h presence... no
checking for netpacket/if_packet.h... no
checking for net/pfvar.h... no
checking for netinet/if_ether.h... yes
checking for linux/sockios.h... yes
checking for linux/if_bonding.h... yes
checking for ANSI ioctl definitions... yes
checking for strerror... yes
checking for strlcpy... no
checking for vsnprintf... yes
checking for snprintf... yes
checking for strtok_r... yes
checking for library containing gethostbyname... none required
checking for library containing socket... none required
checking for library containing putmsg... no
checking for ether_hostton... yes
checking whether ether_hostton is declared... no
checking netinet/ether.h usability... yes
checking netinet/ether.h presence... yes
checking for netinet/ether.h... yes
checking whether ether_hostton is declared... yes
checking if --disable-protchain option is specified... enabled
checking packet capture type... linux
checking for linux/wireless.h... yes
checking for linux/ethtool.h... yes
checking if if_packet.h has tpacket_stats defined... yes
checking if tpacket_auxdata struct has tp_vlan_tci member... yes
checking for getifaddrs... yes
checking ifaddrs.h usability... yes
checking ifaddrs.h presence... yes
checking for ifaddrs.h... yes
checking for socklen_t... yes
checking for getaddrinfo... yes
checking whether to build optimizer debugging code... no
checking whether to build parser debugging code... no
no
checking whether we have Septel API headers... no
checking whether TurboCap is supported... no
checking for flex... flex
checking lex output file root... lex.yy
checking lex library... -lfl
checking whether yytext is a pointer... yes
checking for capable lex... yes
checking for bison... bison -y
checking for capable yacc/bison... yes
checking for ranlib... ranlib
checking for ar... ar
checking whether ln -s works... yes

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checking if sockaddr_struct has the sa_len member... no
checking if sockaddr_storage struct exists... yes
checking if dl_hp_ppa_info_t struct has dl_module_id_1 member... no
checking if unaligned accesses fail... no
checking for USB sniffing support... yes
configure: Device for USB sniffing is /dev/usbmon
checking linux/compiler.h usability... no
checking linux/compiler.h presence... no
checking for linux/compiler.h... no
checking linux/usbdevice_fs.h usability... yes
checking linux/usbdevice_fs.h presence... yes
checking for linux/usbdevice_fs.h... yes
checking if usbdevfs_ctrltransfer struct has bRequestType member... yes
checking whether the platform could support netfilter sniffing... yes
checking whether we can compile the netfilter support... yes
checking linux/net_timestamp.h usability... yes
checking linux/net_timestamp.h presence... yes
checking for linux/net_timestamp.h... yes
checking for a BSD-compatible install... /usr/bin/install -c
configure: creating ./config.status
config.status: creating Makefile
config.status: creating pcap-filter.manmisc
config.status: creating pcap-linktype.manmisc
config.status: creating pcap-tstamp.manmisc
config.status: creating pcap-savefile.manfile
config.status: creating pcap.3pcap
config.status: creating pcap_compile.3pcap
config.status: creating pcap_datalink.3pcap
config.status: creating pcap_dump_open.3pcap
config.status: creating pcap_get_tstamp_precision.3pcap
config.status: creating pcap_list_datalinks.3pcap
config.status: creating pcap_list_tstamp_types.3pcap
config.status: creating pcap_open_dead.3pcap
config.status: creating pcap_open_offline.3pcap
config.status: creating pcap_set_tstamp_precision.3pcap
config.status: creating pcap_set_tstamp_type.3pcap
config.status: creating config.h
config.status: executing default-1 commands
configure: WARNING: unrecognized options: --disable-canusb
cd libpcap; make
make[1]: Entering directory '/opt/PF_RING/userland/libpcap-1.8.1'
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./pcap-linux.c
./pcap-linux.c: In function 'pcap_read_packet':
./pcap-linux.c:1919:57: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an
unaligned pointer value [-Waddress-of-packed-member]
1919 |         clock_gettime(CLOCK_REALTIME, (struct timespec *) &pcap_header.ts);
      |                                     ^~~~~~
./pcap-linux.c:1923:20: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an
unaligned pointer value [-Waddress-of-packed-member]
1923 |         gettimeofday((struct timeval *) &pcap_header.ts, NULL);
      |         ^~~~~~
./pcap-linux.c:2278:29: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a 'const
struct pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
2278 |         callback(userdata, (struct pcap_pkthdr*) &pcap_header, bp);
      |         ^~~~~~
In file included from ../lib/pfring.h:60,
                 from ./pcap-int.h:57,
                 from ./pcap-linux.c:141:
../kernel/linux/pf_ring.h:334:8: note: defined here
334 | struct pfring_pkthdr {
    | ^~~~~~
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./pcap-usb-linux.c
./pcap-usb-linux.c: In function 'usb_stats_linux':
./pcap-usb-linux.c:738:32: warning: '%s' directive output may be truncated writing up to 4095 bytes into a region
of size 230 [-Wformat-truncation=]
738 |         "Can't open USB stats file %s: %s",
      |         ^~
739 |         string, strerror(errno));
      |         ~~~~~
In file included from /usr/include/stdio.h:867,
                 from ./pcap/pcap.h:54,
                 from ./pcap-int.h:37,
                 from ./pcap-usb-linux.c:40:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin___snprintf_chk' output 29 or more bytes
(assuming 4124) into a destination of size 256
67 |     return __builtin___snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |     ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    |     ^~~~~~
./pcap-usb-linux.c: In function 'probe_devices':
./pcap-usb-linux.c:302:54: warning: '%s' directive output may be truncated writing up to 255 bytes into a region
of size between 15 and 23 [-Wformat-truncation=]
302 |         pcap_snprintf(buf, sizeof(buf), "/dev/bus/usb/%03d/%s", bus, data->d_name);
      |                                     ^~
In file included from /usr/include/stdio.h:867,
                 from ./pcap/pcap.h:54,
                 from ./pcap-int.h:37,
                 from ./pcap-usb-linux.c:40:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin___snprintf_chk' output between 18 and 281

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bytes into a destination of size 40
67 | return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    | ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    | ^~~~~~
./pcap-usb-linux.c: In function 'usb_activate':
./pcap-usb-linux.c:461:31: warning: '%s' directive output may be truncated writing up to 4095 bytes into a region
of size 232 [-Wformat-truncation=]
461 |     "Can't open USB bus file %s: %s", full_path, strerror(errno));
    |                               ^~
In file included from /usr/include/stdio.h:867,
    from ./pcap/pcap.h:54,
    from ./pcap-int.h:37,
    from ./pcap-usb-linux.c:40:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output 27 or more bytes
(assuming 4122) into a destination of size 256
67 | return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    | ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    | ^~~~~~
./pcap-usb-linux.c: In function 'usb_read_linux':
./pcap-usb-linux.c:553:37: warning: '%s' directive output may be truncated writing up to 4095 bytes into a region
of size 227 [-Wformat-truncation=]
553 | char *string = line;
    | ~~~~
.....
553 |     "Can't parse USB bus message '%s', too few tokens (expected 8 got %d)",
    |                               ^~
./pcap-usb-linux.c:553:7: note: directive argument in the range [-2147483648, 7]
553 |     "Can't parse USB bus message '%s', too few tokens (expected 8 got %d)",
    | ^~~~~~
In file included from /usr/include/stdio.h:867,
    from ./pcap/pcap.h:54,
    from ./pcap-int.h:37,
    from ./pcap-usb-linux.c:40:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output between 66 and 4171
bytes into a destination of size 256
67 | return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    | ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    | ^~~~~~
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./pcap-netfilter-linux.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./fad-getad.c
./gen_version_header.sh ./VERSION ./pcap_version.h.in pcap_version.h
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./pcap.c
./pcap.c: In function 'pcap_open_live':
./pcap.c:851:52: warning: '%s' directive output may be truncated writing up to 256 bytes into a region of size 252
[-Wformat-truncation=]
851 |     pcap_snprintf(errbuf, PCAP_ERRBUF_SIZE, "%s: %s (%s)", device,
    |                                                     ^~
In file included from /usr/include/stdio.h:867,
    from ./pcap.c:52:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output 6 or more bytes
(assuming 262) into a destination of size 256
67 | return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    | ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    | ^~~~~~
./pcap.c:846:48: warning: '%s' directive output may be truncated writing up to 256 bytes into a region of size 254
[-Wformat-truncation=]
846 |     pcap_snprintf(errbuf, PCAP_ERRBUF_SIZE, "%s: %s", device,
    |                                                     ^~
In file included from /usr/include/stdio.h:867,
    from ./pcap.c:52:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output 3 or more bytes
(assuming 259) into a destination of size 256
67 | return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    | ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    | ^~~~~~
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./inet.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./fad-helpers.c
bison -y -p pcap -o grammar.c -d grammar.y
grammar.y:4.1-12: warning: POSIX Yacc does not support %pure-parser [-Wyacc]
4 | %pure-parser
  | ^~~~~~
grammar.y:4.1-12: warning: deprecated directive, use '%define api.pure' [-Wdeprecated]
4 | %pure-parser
  | ^~~~~~
grammar.y: warning: 38 shift/reduce conflicts [-Wconflicts-sr]
grammar.y: warning: fix-its can be applied. Rerun with option '--update'. [-Wother]
flex -P pcap --header-file=scanner.h --nounput -o scanner.c scanner.l
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./gencode.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./optimize.c

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gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./nametoaddr.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./etherent.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./savefile.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./sf-pcap.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./sf-pcap-ng.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./pcap-common.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./bpf_image.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c ./bpf_dump.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c scanner.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c grammar.c
rm -f bpf_filter.c
ln -s ../bpf/net/bpf_filter.c bpf_filter.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c bpf_filter.c
#
# Older programs import this if they want to show the
# libpcap version number, rather than calling
# pcap_lib_version(), so we need to export it.
#
./gen_version_c.sh ./VERSION version.c
gcc -fvisibility=hidden -fpic -I. -I ../kernel -I ../lib -DBUILDING_PCAP -DHAVE_CONFIG_H -
D_U="__attribute__((unused))" -DHAVE_PF_RING -g -O2 -c version.c
ar rc libpcap.a pcap-linux.o pcap-usb-linux.o pcap-netfilter-linux.o fad-getad.o pcap.o inet.o fad-helpers.o
gencode.o optimize.o nametoaddr.o etherent.o savefile.o sf-pcap.o sf-pcap-ng.o pcap-common.o bpf_image.o
bpf_dump.o scanner.o grammar.o bpf_filter.o version.o
ranlib libpcap.a
VER=`cat ./VERSION`; \
MAJOR_VER=`sed 's/\([0-9]\{0-9\}*\)\.*/\1/' ./VERSION`; \
gcc -shared -Wl,-soname,libpcap.so.$MAJOR_VER \
-o libpcap.so.$VER pcap-linux.o pcap-usb-linux.o pcap-netfilter-linux.o fad-getad.o pcap.o inet.o fad-
helpers.o gencode.o optimize.o nametoaddr.o etherent.o savefile.o sf-pcap.o sf-pcap-ng.o pcap-common.o bpf_image.o
bpf_dump.o scanner.o grammar.o bpf_filter.o version.o ../lib/libpfring.a -lpthread -lrt -ldl
./config.status --file=pcap-config.tmp:./pcap-config.in
config.status: creating pcap-config.tmp
mv pcap-config.tmp pcap-config
chmod a+x pcap-config
make[1]: Leaving directory '/opt/PF_RING/userland/libpcap-1.8.1'
cd examples; make
make[1]: Entering directory '/opt/PF_RING/userland/examples'
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c
pfcount.c -o pfcount.o
pfcount.c: In function 'dummyProcessPacket':
pfcount.c:611:39: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an unaligned
pointer value [-Waddress-of-packed-member]
611 |         if (!h->ts.tv_sec) gettimeofday(&((struct pfring_pkthdr *) h)->ts, NULL);
    |                                     ^~~~~~
pfcount.c:612:42: warning: converting a packed 'const struct pfring_pkthdr' pointer (alignment 1) to a 'const
struct pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
612 |         pcap_dump((u_char*)dumper, (struct pcap_pkthdr*)h, p);
    |                                     ^~~~~~
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2
pfcount.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a
`../lib/pfring_config --libs` `../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o
pfcount
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c
pfcount_multichannel.c -o pfcount_multichannel.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2
pfcount_multichannel.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a
`../lib/pfring_config --libs` `../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o
pfcount_multichannel
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c
preflect.c -o preflect.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 preflect.o
../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a `../lib/pfring_config --libs`
`../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o preflect
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c
pfflow_offload.c -o pfflow_offload.o
pfflow_offload.c: In function 'processBuffer':
pfflow_offload.c:143:42: warning: converting a packed 'const struct pfring_pkthdr' pointer (alignment 1) to a
'struct pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
143 |         if (dumper != NULL) flowDump((struct pcap_pkthdr *) h, (generic_flow_update *) p);
    |                                     ^~~~~~
In file included from ../lib/pfring.h:46,
from pfflow_offload.c:46:

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../libpcap/pcap/pcap.h:166:8: note: defined here
  166 | struct pcap_pkthdr {
      | ^~~~~~
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pfflow_offload.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pfflow_offload
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pffbridge.c -o pffbridge.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pffbridge.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pffbridge
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c alldevs.c -o alldevs.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 alldevs.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o alldevs
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pcap2nspcap.c -o pcap2nspcap.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pcap2nspcap.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pcap2nspcap
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pfcount_82599.c -o pfcount_82599.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pfcount_82599.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pfcount_82599
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pfsystest.c -o pfsystest.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pfsystest.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pfsystest
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pfsend.c -o pfsend.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pfsend.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pfsend
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pflatency.c -o pflatency.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pflatency.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pflatency
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pftimeline.c -o pftimeline.o
pftimeline.c: In function 'process_packet':
pftimeline.c:81:18: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an unaligned pointer value [-Waddress-of-packed-member]
   81 |     gettimeofday(&((struct pfring_pkthdr *) h)->ts, NULL);
      |                   ^~~~~~
pftimeline.c:83:38: warning: converting a packed 'const struct pfring_pkthdr' pointer (alignment 1) to a 'const struct pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
   83 |     pcap_dump((u_char*)dumper, (struct pcap_pkthdr *) h, p);
      |                   ^~~~~~
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pftimeline.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pftimeline
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pcount.c -o pcount.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pcount.o ../libpcap/libpcap.a ../lib/libpfring.a ../libpcap/libpcap.a ../lib/libpfring.a ../lib/pfring_config --libs` ../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -lrt -o pcount
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party ../lib/pfring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 -c pfwrite.c -o pfwrite.o
pfwrite.c: In function 'main':
pfwrite.c:566:39: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a 'const struct

```

```
pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
566 |     pcap_dump((u_char*)dumper, (struct pcap_pkthdr*)&hdr, p);
      |                                     ^~~~~~
```

```
In file included from ../lib/pf_ring.h:60,
                  from pfwrite.c:38:
../kernel/linux/pf_ring.h:334:8: note: defined here
334 | struct pf_ring_pkthdr {
      |
```

```
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -Ithird-party -I../lib/pf_ring_config --include -D ENABLE_BPF -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -O2 pfwrite.o ../libpcap/libpcap.a ../lib/libpf_ring.a ../libpcap/libpcap.a ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -lrt -o pfwrite
make[1]: Leaving directory '/opt/PF_RING/userland/examples'
cd examples_zc; make
make[1]: Entering directory '/opt/PF_RING/userland/examples_zc'
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zcount.c -o zcount.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zcount.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zcount
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zbounce.c -o zbounce.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zbounce.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zbounce
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zbounce_ipc.c -o zbounce_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zbounce_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zbounce_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zpipeline.c -o zpipeline.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zpipeline.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zpipeline
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zbalance.c -o zbalance.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zbalance.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zbalance
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zsend.c -o zsend.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zsend.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zsend
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zcount_ipc.c -o zcount_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zcount_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zcount_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zfanout_ipc.c -o zfanout_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zfanout_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zfanout_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zbalance_ipc.c -o zbalance_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zbalance_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zbalance_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zpipeline_ipc.c -o zpipeline_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zpipeline_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zpipeline_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zfifo.c -o zfifo.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zfifo.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zfifo
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zreplicator.c -o zreplicator.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zreplicator.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zreplicator
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zbalance_DC_ipc.c -o zbalance_DC_ipc.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zbalance_DC_ipc.o ../lib/libpf_ring.a ../lib/pf_ring_config --libs ../libpcap/libpcap.a ../libpcap/pcap-config --additional-libs --static -lpthread -lrt -ldl -o zbalance_DC_ipc
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT -c zsanitycheck.c -o zsanitycheck.o
gcc -Wall -Wno-unused-function -Wno-format-truncation -O2 -I../lib -I../kernel -I../libpcap ../lib/pf_ring_config --include -D HAVE_PF_RING_FT zsanitycheck.o ../lib/libpf_ring.a ../lib/pf_ring_config --
```

```

libs` ../libpcap/libpcap.a `../libpcap/pcap-config --additional-libs --static` -lpthread -lrt -ldl -o
zsanitycheck
make[1]: Leaving directory '/opt/PF_RING/userland/examples_zc'
cd examples_ft; make
make[1]: Entering directory '/opt/PF_RING/userland/examples_ft'
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT -c ftflow.c -o ftflow.o
ftflow.c: In function 'process_packet':
ftflow.c:260:3: warning: converting a packed 'const struct pf_ring_pkthdr' pointer (alignment 1) to a
'pf_ring_ft_pcap_pkthdr' {aka 'struct <anonymous>'} pointer (alignment 8) may result in an unaligned pointer value
[-Waddress-of-packed-member]
 260 |     pf_ring_ft_pcap_pkthdr *hdr = (pf_ring_ft_pcap_pkthdr *) h;
      |     ^~~~~~
In file included from ftflow.c:47:
../lib/pf_ring_ft.h:134:9: note: defined here
  134 | typedef struct { /* pf_ring_pkthdr / pcap_pkthdr common struct */
      |         ^~~~~~
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT ftflow.o ../libpcap/libpcap.a
../lib/libpf_ring.a ../libpcap/libpcap.a ../lib/libpf_ring.a `../lib/pf_ring_config --libs` ../libpcap/pcap-config
--additional-libs --static -lpthread -lrt -ldl -lrt -lm -o ftflow
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT -c ftflow_pcap.c -o ftflow_pcap.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT ftflow_pcap.o ../libpcap/libpcap.a
../lib/libpf_ring.a ../libpcap/libpcap.a ../lib/libpf_ring.a `../lib/pf_ring_config --libs` ../libpcap/pcap-config
--additional-libs --static -lpthread -lrt -ldl -lrt -lm -o ftflow_pcap
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT -c fittest.c -o fittest.o
gcc -O2 -DHAVE_PF_RING -Wall -Wno-unused-function -Wno-format-truncation -I../kernel -I../lib -I../libpcap -
Ithird-party `../lib/pf_ring_config --include` -D HAVE_PF_RING_FT fittest.o ../libpcap/libpcap.a
../lib/libpf_ring.a ../libpcap/libpcap.a ../lib/libpf_ring.a `../lib/pf_ring_config --libs` ../libpcap/pcap-config
--additional-libs --static -lpthread -lrt -ldl -lrt -lm -o fittest
make[1]: Leaving directory '/opt/PF_RING/userland/examples_ft'
cd wireshark/extcap; make
make[1]: Entering directory '/opt/PF_RING/userland/wireshark/extcap'
gcc -O2 -O2 -DHAVE_PF_RING -Wall -I../kernel -I../lib -I../libpcap -Ithird-party
`../lib/pf_ring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -O2 -c ntopdump.c -o ntopdump.o
ntopdump.c: In function 'extcap_capture':
ntopdump.c:283:40: warning: converting a packed 'struct pf_ring_pkthdr' pointer (alignment 1) to a 'const struct
pcap_pkthdr' pointer (alignment 8) may result in an unaligned pointer value [-Waddress-of-packed-member]
 283 |     pcap_dump((u_char*)dumper, (struct pcap_pkthdr*)&hdr, buffer_p);
      |                                ^~~~~~
In file included from ../lib/pf_ring.h:60,
      from ntopdump.c:13:
../kernel/linux/pf_ring.h:334:8: note: defined here
 334 | struct pf_ring_pkthdr {
      |         ^~~~~~
gcc -O2 -O2 -DHAVE_PF_RING -Wall -I../kernel -I../lib -I../libpcap -Ithird-party
`../lib/pf_ring_config --include` -D ENABLE_BPF -D HAVE_PF_RING_ZC -O2 ntopdump.o
../libpcap/libpcap.a ../lib/libpf_ring.a ../libpcap/libpcap.a ../lib/libpf_ring.a
`../lib/pf_ring_config --libs` -lpthread -lrt -ldl -lrt -o ntopdump
make[1]: Leaving directory '/opt/PF_RING/userland/wireshark/extcap'
root@vm07pec4zeek:/opt/PF_RING/userland# cd lib
root@vm07pec4zeek:/opt/PF_RING/userland/lib# ./configure --prefix=/opt/PF_RING/
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking linux/net_timestamp.h usability... yes
checking linux/net_timestamp.h presence... yes
checking for linux/net_timestamp.h... yes
checking librdi.h usability... no
checking librdi.h presence... no
checking for librdi.h... no
checking for clock_gettime in -lrt... yes
checking for nl_handle_alloc in -lnl... no
checking for dlopen, dlsym in -ldl... yes
checking for nl_socket_alloc in -lnl-3... no
checking for pthread_setaffinity_np in -lpthread... yes
checking PF_RING ZC support... yes
checking PF_RING FT support... yes
checking PF_RING NPCAP support... yes

```

```

checking if r/w locks are supported... yes
checking nDPI support for FT... ./configure: line 3939: pkg-config: command not found
no
configure: WARNING: nDPI is required for L7 protocol detection with PF_RING FT, please install it from
http://github.com/ntop/nDPI
checking nDPI support for nBPF - static linking... no
configure: creating ./config.status
config.status: creating lib/Makefile
config.status: creating lib/pfring_config
config.status: creating examples/Makefile
config.status: creating examples_zc/Makefile
config.status: creating examples_ft/Makefile
config.status: creating c++/Makefile
config.status: creating nbpf/Makefile
config.status: creating wireshark/extcap/Makefile
config.status: creating lib/config.h
config.status: lib/config.h is unchanged
root@vm07pec4zee: /opt/PF_RING/userland/lib# make install
ar x ../nbpf/libnbpf.a
cp ../nbpf/nbpf.h .
ar x libs/libpfring_zc_x86_64.a
ar x libs/libpfring_ft_x86_64_dl.a
ar x libs/libpfring_nt_x86_64.a
ar x libs/libpfring_myricom_x86_64.a
ar x libs/libpfring_dag_x86_64.a
ar x libs/libpfring_fiberblaze_x86_64.a
ar x libs/libpfring_accolade_x86_64.a
ar x libs/libpfring_netcope_x86_64.a
ar x libs/libnpcap_x86_64.a
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring.c -o pfring.o
pfring.c: In function 'pfring_loop':
pfring.c:532:7: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a
'pfring_ft_pcap_pkthdr' {aka 'const struct <anonymous>'} pointer (alignment 8) may result in an unaligned pointer
value [-Waddress-of-packed-member]
532 |         if (unlikely(ring->ft && pfring_ft_process(ring->ft, buffer, (pfring_ft_pcap_pkthdr *) &hdr,
&ext_hdr) == PFRING_FT_ACTION_DISCARD))
    |         ^~
In file included from pfring.h:60,
from pfring.c:22:
../kernel/linux/pf_ring.h:334:8: note: defined here
334 | struct pfring_pkthdr {
    | ^~~~~~
pfring.c: In function 'pfring_recv':
pfring.c:617:5: warning: converting a packed 'struct pfring_pkthdr' pointer (alignment 1) to a
'pfring_ft_pcap_pkthdr' {aka 'const struct <anonymous>'} pointer (alignment 8) may result in an unaligned pointer
value [-Waddress-of-packed-member]
617 |         if (unlikely(rc > 0 && ring->ft && pfring_ft_process(ring->ft, *buffer, (pfring_ft_pcap_pkthdr *) &hdr,
&ext_hdr) == PFRING_FT_ACTION_DISCARD))
    |         ^~
In file included from pfring.h:60,
from pfring.c:22:
../kernel/linux/pf_ring.h:334:8: note: defined here
334 | struct pfring_pkthdr {
    | ^~~~~~
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod.c -o pfring_mod.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_utils.c -o pfring_utils.o
pfring_utils.c: In function 'pfring_parse_pkt':
pfring_utils.c:495:18: warning: taking address of packed member of 'struct pfring_pkthdr' may result in an
unaligned pointer value [-Waddress-of-packed-member]
495 |         gettimeofday(&hdr->ts, NULL); /* TODO What about using clock_gettime(CLOCK_REALTIME, ts) ? */
    |         ^~~~~~
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod_stack.c -o pfring_mod_stack.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_hw_filtering.c -o pfring_hw_filtering.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_hw_timestamp.c -o pfring_hw_timestamp.o
gcc -O2 -Wall -Wno-stringop-truncation -fPIC -I../kernel -I../libpcap -D HAVE_PF_RING_ZC -D HAVE_PF_RING_FT -
D HAVE_DAG -D HAVE_FIBERBLAZE -D HAVE_ACCOLADE -D HAVE_MYRICOM -D HAVE_NETCOPE -D ENABLE_BPF -D
ENABLE_HW_TIMESTAMP -D HAVE_NT -D HAVE_NPCAP -c pfring_mod_sysdig.c -o pfring_mod_sysdig.o
== making library libpfring.a ==
ar rs libpfring.a pfring.o pfring_mod.o pfring_utils.o pfring_mod_stack.o pfring_hw_filtering.o
pfring_hw_timestamp.o pfring_mod_sysdig.o pfring_zc_dev_el000.o pfring_zc_dev_el000e.o pfring_zc_dev_ixgbe.o
pfring_zc_dev_ixgbev.o pfring_zc_dev_igb.o pfring_zc_dev_i40e.o pfring_zc_dev_fm10k.o pfring_zc_dev_rss.o
pfring_zc_dev_sal.o pfring_mod_zc.o pfring_mod_zc_dev.o pfring_mod_zc_spisc.o pfring_zc_cluster.o pfring_zc_mm.o
uio_lib.o hugetlb_lib.o numa_lib.o pfring_zc_kvm.o pfring_zc_kvm_utils.o silicom_ts_card.o pfring_ft_flow.o
pfring_ft_hash.o pfring_ft_list.o pfring_ft_dpi.o pfring_ft_utils.o pfring_ft_table.o pfring_ft_fragment_hash.o
pfring_mod_dag.o pfring_mod_fiberblaze.o pfring_mod_nt.o pfring_mod_accolade.o pfring_mod_myricom.o
pfring_mod_netcope.o pfring_mod_timeline.o npcapi_extract.o index_match.o npcapi_utils.o npcapi_compression.o
npcapi_index.o npcapi_timeline.o npcapi_storage.o lzf_c.o lzf_d.o `ar t ../nbpf/libnbpf.a | grep -F .o | tr '\n' '
',`
ranlib libpfring.a

```

```

mkdir -p /opt/PF_RING/include
cp pfring.h pfring_mod_sysdig.h pfring_zc.h pfring_ft.h npcac.h ../nbpf/nbpf.h /opt/PF_RING/include/
mkdir -p /opt/PF_RING/lib
cp libpfring.a /opt/PF_RING/lib/
== making library libpfring.so ==
gcc -Wl,-soname,libpfring.so.1 -g -shared pfring.o pfring_mod.o pfring_utils.o pfring_mod_stack.o
pfring_hw_filtering.o pfring_hw_timestamp.o pfring_mod_sysdig.o pfring_zc_dev_e1000.o pfring_zc_dev_e1000e.o
pfring_zc_dev_ixgbe.o pfring_zc_dev_ixgbev.o pfring_zc_dev_igb.o pfring_zc_dev_i40e.o pfring_zc_dev_fm10k.o
pfring_zc_dev_rss.o pfring_zc_dev_sal.o pfring_mod_zc.o pfring_mod_zc_dev.o pfring_mod_zc_spsc.o
pfring_zc_cluster.o pfring_zc_mm.o uio_lib.o hugetlb_lib.o numa_lib.o pfring_zc_kvm.o pfring_zc_kvm_utils.o
silicom_ts_card.o pfring_ft_flow.o pfring_ft_hash.o pfring_ft_list.o pfring_ft_dpi.o pfring_ft_utils.o
pfring_ft_table.o pfring_ft_fragment_hash.o pfring_mod_dag.o pfring_mod_fiberblaze.o pfring_mod_nt.o
pfring_mod_accolade.o pfring_mod_myricom.o pfring_mod_netcope.o pfring_mod_timeline.o npcac_extract.o
index_match.o npcac_utils.o npcac_compression.o npcac_index.o npcac_timeline.o npcac_storage.o lzf_c.o lzf_d.o
`ar t ../nbpf/libnbpf.a | grep -F.o | tr '\n' ' ' -lpthread -lrt -ldl -lm -ldl -lm -ldl -o libpfring.so
mkdir -p /opt/PF_RING/lib
cp libpfring.so /opt/PF_RING/lib/
cd /opt/PF_RING/lib; ln -sf libpfring.so libpfring.so.7.5.0
cd /opt/PF_RING/lib; ln -sf libpfring.so libpfring.so.7
root@vm07pec4zeek:/opt/PF_RING/userland/lib# cd ../libpcap
root@vm07pec4zeek:/opt/PF_RING/userland/libpcap# ./configure --prefix=/opt/PF_RING/
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking target system type... x86_64-unknown-linux-gnu
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking whether the compiler supports the -fvisibility=hidden option... yes
checking for inline... inline
checking for __attribute__... yes
checking whether __attribute__((unused)) can be used without warnings... yes
checking whether __attribute__((format)) can be used without warnings... yes
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking forunistd.h... yes
checking sys/bitypes.h usability... yes
checking sys/bitypes.h presence... yes
checking for sys/bitypes.h... yes
checking for int8_t... yes
checking for u_int8_t... yes
checking for int16_t... yes
checking for u_int16_t... yes
checking for int32_t... yes
checking for u_int32_t... yes
checking for int64_t... yes
checking for u_int64_t... yes
checking for special C compiler options needed for large files... no
checking for _FILE_OFFSET_BITS value needed for large files... no
checking for _LARGEFILE_SOURCE value needed for large files... no
checking sys/ioccom.h usability... no
checking sys/ioccom.h presence... no
checking for sys/ioccom.h... no
checking sys/select.h usability... yes
checking sys/select.h presence... yes
checking for sys/select.h... yes
checking sys/sockio.h usability... no
checking sys/sockio.h presence... no
checking for sys/sockio.h... no
checking limits.h usability... yes
checking limits.h presence... yes
checking for limits.h... yes
checking linux/types.h usability... yes
checking linux/types.h presence... yes
checking for linux/types.h... yes
checking linux/if_packet.h usability... yes
checking linux/if_packet.h presence... yes
checking for linux/if_packet.h... yes
checking netpacket/packet.h usability... yes
checking netpacket/packet.h presence... yes
checking for netpacket/packet.h... yes
checking netpacket/if_packet.h usability... no
checking netpacket/if_packet.h presence... no
checking for netpacket/if_packet.h... no
checking for net/pfvar.h... no
checking for netinet/if_ether.h... yes

```

```

checking for linux/sockios.h... yes
checking for linux/if bonding.h... yes
checking for ANSI ioctl definitions... yes
checking for strerror... yes
checking for strlcpy... no
checking for vsnprintf... yes
checking for snprintf... yes
checking for strtok_r... yes
checking for library containing gethostbyname... none required
checking for library containing socket... none required
checking for library containing putmsg... no
checking for ether_hostton... yes
checking whether ether_hostton is declared... no
checking netinet/ether.h usability... yes
checking netinet/ether.h presence... yes
checking for netinet/ether.h... yes
checking whether ether_hostton is declared... yes
checking if --disable-protchain option is specified... enabled
checking packet capture type... linux
checking for linux/wireless.h... yes
checking for nl_socket_alloc in -lnl-3... no
checking for nl_socket_alloc in -lnl... no
checking for nl_handle_alloc in -lnl... no
checking for linux/ethtool.h... yes
checking if if_packet.h has tpacket_stats defined... yes
checking if tpacket_auxdata struct has tp_vlan_tci member... yes
checking for getifaddrs... yes
checking ifaddrs.h usability... yes
checking ifaddrs.h presence... yes
checking for ifaddrs.h... yes
checking for socklen_t... yes
checking for getaddrinfo... yes
checking whether to build optimizer debugging code... no
checking whether to build parser debugging code... no
no
checking whether we have Septel API headers... no
checking whether TurboCap is supported... no
checking for flex... flex
checking lex output file root... lex.yy
checking lex library... -lfl
checking whether yytext is a pointer... yes
checking for capable lex... yes
checking for bison... bison -y
checking for capable yacc/bison... yes
checking for ranlib... ranlib
checking for ar... ar
checking whether ln -s works... yes
checking if sockaddr struct has the sa_len member... no
checking if sockaddr_storage struct exists... yes
checking if dl_hp_ppa_info_t struct has dl_module_id_1 member... no
checking if unaligned accesses fail... no
checking for USB sniffing support... yes
configure: Device for USB sniffing is /dev/usbmon
checking linux/compiler.h usability... no
checking linux/compiler.h presence... no
checking for linux/compiler.h... no
checking linux/usbdevice_fs.h usability... yes
checking linux/usbdevice_fs.h presence... yes
checking for linux/usbdevice_fs.h... yes
checking if usbdevfs_ctrltransfer struct has bRequestType member... yes
checking whether the platform could support netfilter sniffing... yes
checking whether we can compile the netfilter support... yes
checking bluetooth/bluetooth.h usability... no
checking bluetooth/bluetooth.h presence... no
checking for bluetooth/bluetooth.h... no
configure: Bluetooth sniffing is not supported; install bluez-lib devel to enable it
checking linux/net_tstamp.h usability... yes
checking linux/net_tstamp.h presence... yes
checking for linux/net_tstamp.h... yes
checking for a BSD-compatible install... /usr/bin/install -c
configure: creating ./config.status
config.status: creating Makefile
config.status: creating pcap-filter.manmisc
config.status: creating pcap-linktype.manmisc
config.status: creating pcap-tstamp.manmisc
config.status: creating pcap-savefile.manfile
config.status: creating pcap.3pcap
config.status: creating pcap_compile.3pcap
config.status: creating pcap_datalink.3pcap
config.status: creating pcap_dump_open.3pcap
config.status: creating pcap_get_tstamp_precision.3pcap
config.status: creating pcap_list_datalinks.3pcap
config.status: creating pcap_list_tstamp_types.3pcap
config.status: creating pcap_open_dead.3pcap
config.status: creating pcap_open_offline.3pcap
config.status: creating pcap_set_tstamp_precision.3pcap
config.status: creating pcap_set_tstamp_type.3pcap
config.status: creating config.h
config.status: config.h is unchanged
config.status: executing default-1 commands
root@vm07pec4zee:/opt/PF_RING/userland/libpcap# make install

```

```

VER=`cat ./VERSION`; \
MAJOR_VER=`sed 's/\([0-9][0-9]*\)\.*/\1/' ./VERSION`; \
gcc -shared -Wl,-soname,libpcap.so.$MAJOR_VER \
-o libpcap.so.$VER pcap-linux.o pcap-usb-linux.o pcap-netfilter-linux.o fad-getad.o pcap.o inet.o fad-
helpers.o gencode.o optimize.o nametoaddr.o ethernet.o savefile.o sf-pcap.o sf-pcap-ng.o pcap-common.o bpf_image.o
bpf_dump.o scanner.o grammar.o bpf_filter.o version.o ../lib/libpfiring.a -lpthread -lrt -lrt -ldl
[ -d /opt/PF_RING/lib ] || \
(mkdir -p /opt/PF_RING/lib; chmod 755 /opt/PF_RING/lib)
VER=`cat ./VERSION`; \
MAJOR_VER=`sed 's/\([0-9][0-9]*\)\.*/\1/' ./VERSION`; \
/usr/bin/install -c libpcap.so.$VER /opt/PF_RING/lib/libpcap.so.$VER; \
ln -sf libpcap.so.$VER /opt/PF_RING/lib/libpcap.so.$MAJOR_VER; \
ln -sf libpcap.so.$MAJOR_VER /opt/PF_RING/lib/libpcap.so
#
# Most platforms have separate suffixes for shared and
# archive libraries, so we install both.
#
[ -d /opt/PF_RING/lib ] || \
(mkdir -p /opt/PF_RING/lib; chmod 755 /opt/PF_RING/lib)
/usr/bin/install -c -m 644 libpcap.a /opt/PF_RING/lib/libpcap.a
ranlib /opt/PF_RING/lib/libpcap.a
./config.status --file=pcap-config.tmp:/pcap-config.in
config.status: creating pcap-config.tmp
mv pcap-config.tmp pcap-config
chmod a+x pcap-config
[ -d /opt/PF_RING/lib ] || \
(mkdir -p /opt/PF_RING/lib; chmod 755 /opt/PF_RING/lib)
[ -d /opt/PF_RING/include ] || \
(mkdir -p /opt/PF_RING/include; chmod 755 /opt/PF_RING/include)
[ -d /opt/PF_RING/include/pcap ] || \
(mkdir -p /opt/PF_RING/include/pcap; chmod 755 /opt/PF_RING/include/pcap)
[ -d /opt/PF_RING/share/man/man1 ] || \
(mkdir -p /opt/PF_RING/share/man/man1; chmod 755 /opt/PF_RING/share/man/man1)
[ -d /opt/PF_RING/share/man/man3 ] || \
(mkdir -p /opt/PF_RING/share/man/man3; chmod 755 /opt/PF_RING/share/man/man3)
[ -d /opt/PF_RING/share/man/man5 ] || \
(mkdir -p /opt/PF_RING/share/man/man5; chmod 755 /opt/PF_RING/share/man/man5)
[ -d /opt/PF_RING/share/man/man7 ] || \
(mkdir -p /opt/PF_RING/share/man/man7; chmod 755 /opt/PF_RING/share/man/man7)
for i in pcap.h pcap-bpf.h pcap-namedb.h pcap/bpf.h pcap/bluetooth.h pcap/can_socketcan.h pcap/dlt.h pcap/export-
defs.h pcap/ipnet.h pcap/namedb.h pcap/nflog.h pcap/pcap.h pcap/sll.h pcap/vlan.h pcap/usb.h; do \
/usr/bin/install -c -m 644 ./\$i \
/opt/PF_RING/include/\$i; done
[ -d /opt/PF_RING/bin ] || \
(mkdir -p /opt/PF_RING/bin; chmod 755 /opt/PF_RING/bin)
/usr/bin/install -c pcap-config /opt/PF_RING/bin/pcap-config
for i in pcap-config.1; do \
/usr/bin/install -c -m 644 ./\$i \
/opt/PF_RING/share/man/man1/\$i; done
for i in pcap-savefile.manfile.in; do \
/usr/bin/install -c -m 644 `echo \$i | sed 's/.manfile.in/.manfile/'` \
/opt/PF_RING/share/man/man5/`echo \$i | sed 's/.manfile.in/.5/'`; done
for i in pcap-filter.manmisc.in pcap-linktype.manmisc.in pcap-tstamp.manmisc.in; do \
/usr/bin/install -c -m 644 `echo \$i | sed 's/.manmisc.in/.manmisc/'` \
/opt/PF_RING/share/man/man7/`echo \$i | sed 's/.manmisc.in/.7/'`; done
root@vm07pec4zeek:/opt/PF_RING/userland/libpcap# cd ../tcpdump-*
root@vm07pec4zeek:/opt/PF_RING/userland/tcpdump-4.9.2# ./configure --prefix=/opt/PF_RING/
checking build system type... x86_64-unknown-linux-gnu
checking host system type... x86_64-unknown-linux-gnu
checking for gcc... gcc
checking whether the C compiler works... yes
checking for C compiler default output file name... a.out
checking for suffix of executables...
checking whether we are cross compiling... no
checking for suffix of object files... o
checking whether we are using the GNU C compiler... yes
checking whether gcc accepts -g... yes
checking for gcc option to accept ISO C89... none needed
checking whether the compiler supports the -ffloat-store option... yes
checking for inline... inline
checking for __attribute__... yes
checking whether __attribute__((unused)) can be used without warnings... yes
checking whether __attribute__((noreturn)) can be applied to function pointers without warnings... yes
checking whether __attribute__((format)) can be used without warnings... yes
checking whether __attribute__((format)) can be applied to function pointers... yes
checking how to run the C preprocessor... gcc -E
checking for grep that handles long lines and -e... /usr/bin/grep
checking for egrep... /usr/bin/grep -E
checking for ANSI C header files... yes
checking for sys/types.h... yes
checking for sys/stat.h... yes
checking for stdlib.h... yes
checking for string.h... yes
checking for memory.h... yes
checking for strings.h... yes
checking for inttypes.h... yes
checking for stdint.h... yes
checking for unistd.h... yes
checking for fcntl.h usability... yes
checking for fcntl.h presence... yes
checking for fcntl.h... yes

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checking rpc/rpc.h usability... yes
checking rpc/rpc.h presence... yes
checking for rpc/rpc.h... yes
checking rpc/rpcnet.h usability... no
checking rpc/rpcnet.h presence... no
checking for rpc/rpcnet.h... no
checking netdnet/dnetdb.h usability... no
checking netdnet/dnetdb.h presence... no
checking for netdnet/dnetdb.h... no
checking for net/pfvar.h... no
checking for netinet/if_ether.h... yes
checking whether time.h and sys/time.h may both be included... yes
checking smi.h usability... no
checking smi.h presence... no
checking for smi.h... no
checking whether to enable the possibly-buggy SMB printer... yes
configure: WARNING: The SMB printer may have exploitable buffer overflows!!!
checking whether to drop root privileges by default... no
checking whether to chroot... no
checking for cap_enter... no
checking for cap_rights_limit... no
checking for cap_ioctls_limit... no
checking for openat... yes
checking whether to sandbox using capsicum... no
checking for library containing gethostbyname... none required
checking for library containing socket... none required
checking for library containing putmsg... no
checking whether the operating system supports IPv6... yes
checking ipv6 stack type... linux-glibc
checking for dnet_htoa declaration in netdnet/dnetdb.h... no
checking for vfprintf... yes
checking for strlcat... no
checking for strlcpy... no
checking for strdup... yes
checking for strsep... yes
checking for getopt_long... yes
checking for fork... yes
checking for vfork... yes
checking for strptime... yes
checking for setlinebuf... yes
checking for alarm... yes
checking for vsnprintf... yes
checking for snprintf... yes
checking return type of signal handlers... void
checking for sigaction... yes
checking for library containing dnet_htoa... no
checking for main in -lrpc... no
checking for library containing getrpcbyname... none required
checking for local pcap library... ../libpcap-1.8.1/libpcap.a
checking for pcap-config... ../libpcap-1.8.1/pcap-config
checking for ether_ntohost... yes
checking for buggy ether_ntohost... no
checking whether ether_ntohost is declared... no
checking netinet/ether.h usability... yes
checking netinet/ether.h presence... yes
checking for netinet/ether.h... yes
checking whether ether_ntohost is declared... yes
checking for dlpi_walk in -ldlpi... no
checking for pcap_free_datalinks... no
checking for pcap_set_datalink... no
checking for pcap_breakloop... no
checking for pcap_create... no
checking for pcap_findalldevs... no
checking for pcap_dump_flush... no
checking for pcap_lib_version... no
checking for pcap_setdirection... no
checking for pcap_set_immediate_mode... no
checking whether pcap_version is defined by libpcap... yes
checking for pcap_set_parser_debug... no
checking whether pcap_debug is defined by libpcap... no
checking whether yydebug is defined by libpcap... no
checking for pcap_set_optimizer_debug... no
checking for bpf_dump... yes
checking for int8_t... yes
checking for int16_t... yes
checking for int32_t... yes
checking for int64_t... yes
checking for uint8_t... yes
checking for uint16_t... yes
checking for uint32_t... yes
checking for uint64_t... yes
checking for uintptr_t... yes
checking for u_int8_t... yes
checking for u_int16_t... yes
checking for u_int32_t... yes
checking for u_int64_t... yes
checking for inttypes.h... (cached) yes
checking whether inttypes.h defines the PRI[doxu]64 macros... yes
checking for pcap/bluetooth.h... yes
checking for pcap/nflog.h... yes
checking for pcap/usb.h... yes


```

checking for ranlib... ranlib
checking for ar... ar
checking if sockaddr struct has the sa_len member... no
checking if unaligned accesses fail... no
checking whether to use OpenSSL/libressl libcrypto... yes, if available
checking openssl/crypto.h usability... yes
checking openssl/crypto.h presence... yes
checking for openssl/crypto.h... yes
checking for DES_cbc_encrypt in -lcrypto... yes
checking openssl/evp.h usability... yes
checking openssl/evp.h presence... yes
checking for openssl/evp.h... yes
checking for EVP_CIPHER_CTX_new... yes
checking for EVP_CipherInit_ex... yes
checking whether to use libcap-ng... yes, if available
checking for capng_change_id in -lcap-ng... no
checking cap-ng.h usability... no
checking cap-ng.h presence... no
checking for cap-ng.h... no
checking for a BSD-compatible install... /usr/bin/install -c
configure: creating ./config.status
config.status: creating Makefile
config.status: creating tcpdump.1
config.status: creating config.h
config.status: executing default-1 commands
root@vm07pec4zee: /opt/PF_RING/userland/tcpdump-4.9.2# make install
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./setsignal.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./tcpdump.c
if grep GIT ./VERSION >/dev/null; then \
    read ver <./VERSION; \
    echo $ver | tr -d '\012'; \
    date +%Y_%m_%d; \
else \
    cat ./VERSION; \
fi | sed -e 's/./const char version[] = "&"/' > version.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c version.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./addrtoname.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./addrtostr.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./af.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./ascii_strcasecmp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./checksum.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./cpack.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./gmpls.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./gmt2local.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./in_cksum.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./ipproto.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./l2vpn.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./machdep.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./nlpid.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./oui.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./parsenfsfh.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-802_11.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-802_15_4.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ah.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ahcp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-aodv.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-aoe.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-apl394.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-arcnet.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-arp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ascii.c

```

```

gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ataalk.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-atm.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-babel.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-beep.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-bfd.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-bgp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-bootp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-bt.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-calm-fast.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-carp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-cdp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-cfm.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-chdlc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-cip.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-cnfp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-dccp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-decnet.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-dhcp6.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-domain.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-dtp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-dvmrp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-eap.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-egp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-eigrp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-enc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-esp.c
./print-esp.c: In function 'esp_print_decrypt_buffer_by_ikev2':
./print-esp.c:249:9: warning: passing argument 1 of 'memcpy' discards 'const' qualifier from pointer target type
[-Wdiscarded-qualifiers]
 249 | memcpy(buf, output_buffer, len);
      |      ^~~
In file included from /usr/include/features.h:446,
               from /usr/include/errno.h:25,
               from ./netdissect-stdinc.h:42,
               from ./print-esp.c:30:
/usr/include/x86_64-linux-gnu/bits/string_fortified.h:31:1: note: expected 'void * restrict' but argument is of
type 'const unsigned char *' {aka 'const unsigned char *'}
   31 | __NTH (memcpy (void *__restrict __dest, const void *__restrict __src,
      |      ^~~~~~
./print-esp.c: In function 'esp_print':
./print-esp.c:801:13: warning: passing argument 1 of 'memcpy' discards 'const' qualifier from pointer target type
[-Wdiscarded-qualifiers]
 801 |     memcpy(p + ivlen, output_buffer, len);
      |     ~~~~~~
In file included from /usr/include/features.h:446,
               from /usr/include/errno.h:25,
               from ./netdissect-stdinc.h:42,
               from ./print-esp.c:30:
/usr/include/x86_64-linux-gnu/bits/string_fortified.h:31:1: note: expected 'void * restrict' but argument is of
type 'const unsigned char *' {aka 'const unsigned char *'}
   31 | __NTH (memcpy (void *__restrict __dest, const void *__restrict __src,
      |      ^~~~~~
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ether.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-fddi.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-forces.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-fr.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-frag6.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ftp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2

```

```

-c ./print-geneve.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-geonet.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-gre.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-hnccp.c
./print-hnccp.c: In function 'format_256':
./print-hnccp.c:175:26: warning: '%016lx' directive output truncated writing 16 bytes into a region of size 12 [-Wformat-truncation=]
175 |     snprintf(buf[i], 28, "%016" PRIx64 "%016" PRIx64 "%016" PRIx64 "%016" PRIx64,
    |     ^~~~~~
./print-hnccp.c:175:41: note: format string is defined here
175 |     snprintf(buf[i], 28, "%016" PRIx64 "%016" PRIx64 "%016" PRIx64 "%016" PRIx64,
./print-hnccp.c:175:26: note: using the range [0, 18446744073709551615] for directive argument
175 |     snprintf(buf[i], 28, "%016" PRIx64 "%016" PRIx64 "%016" PRIx64 "%016" PRIx64,
    |     ^~~~~~
./print-hnccp.c:175:26: note: using the range [0, 18446744073709551615] for directive argument
./print-hnccp.c:175:26: note: using the range [0, 18446744073709551615] for directive argument
In file included from /usr/include/stdio.h:867,
    from ../libpcap-1.8.1/pcap/pcap.h:54,
    from ../libpcap-1.8.1/pcap.h:43,
    from ./netdissect.h:75,
    from ./print-hnccp.c:40:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output 65 bytes into a
destination of size 28
67 |     return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |     ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    |     ^~~~~~
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-hsrp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-http.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-icmp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-icmp6.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-igmp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-igrp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ip.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ip6.c
./print-ip6.c: In function 'ip6_finddst':
./print-ip6.c:62:13: warning: taking address of packed member of 'struct ip6_hdr' may result in an unaligned
pointer value [-Waddress-of-packed-member]
62 |     dst_addr = &ip6->ip6_dst;
    |     ^~~~~~
./print-ip6.c:106:25: warning: converting a packed 'const struct ip6_rthdr' pointer (alignment 1) to a 'const
struct ip6_rthdr0' pointer (alignment 4) may result in an unaligned pointer value [-Waddress-of-packed-member]
106 |     dp0 = (const struct ip6_rthdr0 *)dp;
    |     ^~~~~~
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ip6opts.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ipcomp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ipfc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ipnet.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ipx.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-isakmp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-isoclns.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-juniper.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-krb.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-l2tp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-lane.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-ldp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-lisp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-llc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-lldp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-lmp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-loopback.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-lspping.c

```

[illegible]

```

gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-sll.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-sll.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-slow.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-smtp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-snmpp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-stp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-sunatm.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-sunrpc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-symantec.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-syslog.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-tcp.c
./print-tcp.c: In function 'tcp_print':
./print-tcp.c:259:31: warning: taking address of packed member of 'struct ip6_hdr' may result in an unaligned
pointer value [-Waddress-of-packed-member]
259 |         src = &ip6->ip6_src;
    |         ^~~~~~
./print-tcp.c:260:31: warning: taking address of packed member of 'struct ip6_hdr' may result in an unaligned
pointer value [-Waddress-of-packed-member]
260 |         dst = &ip6->ip6_dst;
    |         ^~~~~~
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-telnet.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-tftp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-timed.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-tipc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-token.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-udld.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-udp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-usb.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vjc.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vqp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vrrp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vtp.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vxlan.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-vxlan-gpe.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-wb.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-zephyr.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-zeromq.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./netdissect.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./signature.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./strtoaddr.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./util-print.c
./util-print.c: In function 'ts_format.isra.0':
./util-print.c:263:27: warning: '%06u' directive output may be truncated writing between 6 and 10 bytes into a
region of size between 5 and 12 [-Wformat-truncation=]
263 |     format = "%02d:%02d:%02d.%06u";
    |             ^~~~~
./util-print.c:263:11: note: using the range [0, 4294967295] for directive argument
263 |     format = "%02d:%02d:%02d.%06u";
    |             ^~~~~~
In file included from /usr/include/stdio.h:867,
from ./util-print.c:50:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:10: note: '__builtin_snprintf_chk' output between 16 and 27 bytes
into a destination of size 21
67 |     return __builtin_snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
    |            ^~~~~~
68 |     __bos (__s), __fmt, __va_arg_pack ());
    |            ^~~~~~
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_PF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./print-smb.c

```

```

gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_FF_RING -I. -I../libpcap-1.8.1 -g -O2
-c ./smbutil.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_FF_RING -I. -I../libpcap-1.8.1 -g -O2
-o strlcat.o -c ./missing/strlcat.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_FF_RING -I. -I../libpcap-1.8.1 -g -O2
-o strlcpy.o -c ./missing/strlcpy.c
gcc -ffloat-store -DHAVE_CONFIG_H -D_U="__attribute__((unused))" -DHAVE_FF_RING -I. -I../libpcap-1.8.1 -g -O2
-o tcpdump setsignal.o tcpdump.o version.o addrtoname.o addrtostr.o af.o ascii_strerror.o checksum.o cpack.o
gmpls.o gmt2local.o in_cksum.o ipproto.o l2vpn.o machdep.o nlpid.o oui.o parsenfsfh.o print.o print-802_11.o
print-802_15_4.o print-ah.o print-ahcp.o print-aadv.o print-aoe.o print-apl394.o print-arcnet.o print-arp.o print-
ascii.o print-atalc.o print-atm.o print-babel.o print-beep.o print-bfd.o print-bgp.o print-bootp.o print-bt.o
print-calm-fast.o print-carp.o print-cdp.o print-cfm.o print-chdlc.o print-cip.o print-cnfp.o print-dccp.o print-
decnet.o print-dhcp6.o print-domain.o print-dtp.o print-dvmp.o print-eap.o print-egp.o print-eigrp.o print-enc.o
print-esp.o print-ether.o print-fddi.o print-forces.o print-fr.o print-frag6.o print-ftp.o print-geneve.o print-
geonet.o print-gre.o print-hnmp.o print-hsrp.o print-http.o print-icmp.o print-icmp6.o print-igmp.o print-igrp.o
print-ip.o print-ip6.o print-ip6opts.o print-ipcomp.o print-ipfc.o print-ipnet.o print-ipv6.o print-isakmp.o print-
isoclns.o print-juniper.o print-krb.o print-l2tp.o print-lane.o print-ldp.o print-lisp.o print-llc.o print-lldp.o
print-lmp.o print-loopback.o print-lspping.o print-lwapp.o print-lwres.o print-m3ua.o print-medsa.o print-mobile.o
print-mobility.o print-mppcp.o print-mpls.o print-mptcp.o print-msdp.o print-msnbl.o print-nflog.o print-nfs.o
print-nsh.o print-ntp.o print-null.o print-olsr.o print-openflow-1.0.o print-openflow.o print-ospf.o print-ospf6.o
print-otv.o print-pgm.o print-pim.o print-pktap.o print-ppi.o print-ppp.o print-pppoe.o print-pptp.o print-
radius.o print-raw.o print-resp.o print-rip.o print-ripng.o print-rpki-rtr.o print-rrcp.o print-rsvp.o print-rt6.o
print-rtsp.o print-rx.o print-sctp.o print-sflow.o print-sip.o print-sl.o print-sll.o print-slow.o print-smtp.o
print-snmpp.o print-stp.o print-sunatm.o print-sunrpc.o print-symantec.o print-syslog.o print-tcp.o print-telnet.o
print-tftp.o print-timed.o print-tipc.o print-token.o print-udld.o print-udp.o print-usb.o print-vjc.o print-vqp.o
print-vrrp.o print-vtp.o print-vxlan.o print-vxlan-gpe.o print-wb.o print-zephyr.o print-zeromq.o netdissect.o
signature.o strtaddr.o util-print.o print-smb.o smbutil.o strlcat.o strlcpy.o
-r -l -ldl -l lib/libpfring.a -lpthread -l rt -l lib/libpfring.a -lpthread -l rt -l lib/libpfring.a --libs`
ar cr libnetdissect.a addrtoname.o addrtostr.o af.o ascii_strerror.o checksum.o cpack.o gmpls.o gmt2local.o
in_cksum.o ipproto.o l2vpn.o machdep.o nlpid.o oui.o parsenfsfh.o print.o print-802_11.o print-802_15_4.o print-
ah.o print-ahcp.o print-aadv.o print-aoe.o print-apl394.o print-arcnet.o print-arp.o print-ascii.o print-atalc.o
print-atm.o print-babel.o print-beep.o print-bfd.o print-bgp.o print-bootp.o print-bt.o print-calm-fast.o print-
carp.o print-cdp.o print-cfm.o print-chdlc.o print-cip.o print-cnfp.o print-dccp.o print-decnet.o print-dhcp6.o
print-domain.o print-dtp.o print-dvmp.o print-eap.o print-egp.o print-eigrp.o print-enc.o print-esp.o print-
ether.o print-fddi.o print-forces.o print-fr.o print-frag6.o print-ftp.o print-geneve.o print-geonet.o print-gre.o
print-hnmp.o print-hsrp.o print-http.o print-icmp.o print-icmp6.o print-igmp.o print-igrp.o print-ip.o print-ip6.o
print-ip6opts.o print-ipcomp.o print-ipfc.o print-ipnet.o print-ipv6.o print-isakmp.o print-isoclns.o print-
juniper.o print-krb.o print-l2tp.o print-lane.o print-ldp.o print-lisp.o print-llc.o print-lldp.o print-lmp.o
print-loopback.o print-lspping.o print-lwapp.o print-lwres.o print-m3ua.o print-medsa.o print-mobile.o print-
mobility.o print-mppcp.o print-mpls.o print-mptcp.o print-msdp.o print-msnbl.o print-nflog.o print-nfs.o print-
nsh.o print-ntp.o print-null.o print-olsr.o print-openflow-1.0.o print-openflow.o print-ospf.o print-ospf6.o
print-otv.o print-pgm.o print-pim.o print-pktap.o print-ppi.o print-ppp.o print-pppoe.o print-pptp.o print-
radius.o print-raw.o print-resp.o print-rip.o print-ripng.o print-rpki-rtr.o print-rrcp.o print-rsvp.o print-rt6.o
print-rtsp.o print-rx.o print-sctp.o print-sflow.o print-sip.o print-sl.o print-sll.o print-slow.o print-smtp.o
print-snmpp.o print-stp.o print-sunatm.o print-sunrpc.o print-symantec.o print-syslog.o print-tcp.o print-telnet.o
print-tftp.o print-timed.o print-tipc.o print-token.o print-udld.o print-udp.o print-usb.o print-vjc.o print-vqp.o
print-vrrp.o print-vtp.o print-vxlan.o print-vxlan-gpe.o print-wb.o print-zephyr.o print-zeromq.o netdissect.o
signature.o strtaddr.o util-print.o print-smb.o smbutil.o strlcat.o strlcpy.o
ranlib libnetdissect.a
[ -d /opt/PF_RING/sbin ] || \
(mkdir -p /opt/PF_RING/sbin; chmod 755 /opt/PF_RING/sbin)
/usr/bin/install -c tcpdump /opt/PF_RING/sbin/tcpdump
/usr/bin/install -c tcpdump /opt/PF_RING/sbin/tcpdump.`cat ./VERSION`
[ -d /opt/PF_RING/share/man/man1 ] || \
(mkdir -p /opt/PF_RING/share/man/man1; chmod 755 /opt/PF_RING/share/man/man1)
/usr/bin/install -c -m 644 tcpdump.1 /opt/PF_RING/share/man/man1/tcpdump.1
root@vm07pec4zeek:/opt/PF_RING/userland/tcpdump-4.9.2#
root@vm07pec4zeek:/opt/PF_RING/userland/tcpdump-4.9.2# cd ../../kernel
root@vm07pec4zeek:/opt/PF_RING/kernel# make
#make -C /lib/modules/5.3.0-24-generic/build SUBDIRS=/opt/PF_RING/kernel EXTRA_CFLAGS=-I/opt/PF_RING/kernel -
DGIT_REV=""dev:b623603281f0ace3a8554f9a329863e9ee6e1626\"" -no-pie -fno-pie' modules
make -C /lib/modules/5.3.0-24-generic/build M=/opt/PF_RING/kernel EXTRA_CFLAGS=-I/opt/PF_RING/kernel -
DGIT_REV=""dev:b623603281f0ace3a8554f9a329863e9ee6e1626\"" -no-pie -fno-pie' modules
make[1]: Entering directory '/usr/src/linux-headers-5.3.0-24-generic'
Building modules, stage 2.
MODPOST 1 modules
make[1]: Leaving directory '/usr/src/linux-headers-5.3.0-24-generic'
root@vm07pec4zeek:/opt/PF_RING/kernel# make install
mkdir -p /lib/modules/5.3.0-24-generic/kernel/net/pf_ring
cp *.ko /lib/modules/5.3.0-24-generic/kernel/net/pf_ring
mkdir -p /usr/include/linux
cp linux/pf_ring.h /usr/include/linux
/sbin/depmod 5.3.0-24-generic
root@vm07pec4zeek:/opt/PF_RING/kernel#
root@vm07pec4zeek:/opt/PF_RING/kernel# echo "pf_ring" >> /etc/modules
root@vm07pec4zeek:/opt/PF_RING/kernel# lsmod | grep pf_ring
pf_ring                724992  0
root@vm07pec4zeek:/opt/PF_RING/kernel# reboot
root@vm07pec4zeek:/opt/PF_RING/kernel# Connection to 192.168.29.90 closed by remote host.
Connection to 192.168.29.90 closed.
HOST02321:~ userlocale$ ssh usuario@192.168.29.90
usuario@192.168.29.90's password:
Welcome to Ubuntu 19.10 (GNU/Linux 5.3.0-24-generic x86_64)

```

```

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

```

System information as of mié dic 11 23:33:30 CET 2019

```

System load:  0.36          Processes:           261

```

```
Usage of /: 14.3% of 48.96GB    Users logged in: 0
Memory usage: 3%                IP address for ens160: 192.168.29.90
Swap usage: 0%
```

0 updates can be installed immediately.
0 of these updates are security updates.

Last login: Wed Dec 11 23:09:58 2019 from 192.168.29.10

usuario@vm07pec4zeek:~\$ sudo su

[sudo] password for usuario:

root@vm07pec4zeek:/home/usuario# lsmod | grep pf_ring

pf_ring 724992 0

root@vm07pec4zeek:/home/usuario# ip ad

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default 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: ens160: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000

link/ether 00:0c:29:47:6d:6c brd ff:ff:ff:ff:ff:ff

inet 192.168.29.90/24 brd 192.168.29.255 scope global dynamic ens160

valid_lft 7099sec preferred_lft 7099sec

inet6 fe80::20c:29ff:fe47:6d6c/64 scope link

valid_lft forever preferred_lft forever

root@vm07pec4zeek:/home/usuario# ip link set ens160 promisc on

root@vm07pec4zeek:/home/usuario# ip ad

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default 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: ens160: <BROADCAST,MULTICAST,PROMISC,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000

link/ether 00:0c:29:47:6d:6c brd ff:ff:ff:ff:ff:ff

inet 192.168.29.90/24 brd 192.168.29.255 scope global dynamic ens160

valid_lft 7080sec preferred_lft 7080sec

inet6 fe80::20c:29ff:fe47:6d6c/64 scope link

valid_lft forever preferred_lft forever

root@vm07pec4zeek:/home/usuario# apt-get install cmake make gcc g++ flex bison libpcap-dev libssl-dev python-dev

swig zlib1g-dev git -y

Leyendo lista de paquetes... Hecho

Creando árbol de dependencias

Leyendo la información de estado... Hecho

bison ya está en su versión más reciente (2:3.4.1+dfsg-4).

cmake ya está en su versión más reciente (3.13.4-1build1).

flex ya está en su versión más reciente (2.6.4-6.2).

g++ ya está en su versión más reciente (4:9.2.1-3.lubuntul).

gcc ya está en su versión más reciente (4:9.2.1-3.lubuntul).

libpcap-dev ya está en su versión más reciente (1.9.1-2).

libssl-dev ya está en su versión más reciente (1.1.1c-lubuntu4).

make ya está en su versión más reciente (4.2.1-1.2).

zlib1g-dev ya está en su versión más reciente (1:1.2.11.dfsg-lubuntu3).

python-dev ya está en su versión más reciente (2.7.17-1).

swig ya está en su versión más reciente (3.0.12-2).

git ya está en su versión más reciente (1:2.20.1-2ubuntu1.19.10.1).

0 actualizados, 0 nuevos se instalarán, 0 para eliminar y 0 no actualizados.

root@vm07pec4zeek:/home/usuario# cd /tmp

root@vm07pec4zeek:/tmp# git clone --recursive https://github.com/zeek/zeek

Cloning into 'zeek'...

remote: Enumerating objects: 54, done.

remote: Counting objects: 100% (54/54), done.

remote: Compressing objects: 100% (42/42), done.

remote: Total 119524 (delta 13), reused 29 (delta 10), pack-reused 119470

Receiving objects: 100% (119524/119524), 75.08 MiB | 10.19 MiB/s, done.

Resolving deltas: 100% (84438/84438), done.

Submodule 'aux/bifcl' (https://github.com/zeek/bifcl) registered for path 'aux/bifcl'

Submodule 'aux/binpac' (https://github.com/zeek/binpac) registered for path 'aux/binpac'

Submodule 'aux/broker' (https://github.com/zeek/broker) registered for path 'aux/broker'

Submodule 'aux/btest' (https://github.com/zeek/btest) registered for path 'aux/btest'

Submodule 'aux/netcontrol-connectors' (https://github.com/zeek/zeek-netcontrol) registered for path

'aux/netcontrol-connectors'

Submodule 'aux/paraglob' (https://github.com/zeek/paraglob) registered for path 'aux/paraglob'

Submodule 'aux/zeek-aux' (https://github.com/zeek/zeek-aux) registered for path 'aux/zeek-aux'

Submodule 'aux/zeekctl' (https://github.com/zeek/zeekctl) registered for path 'aux/zeekctl'

Submodule 'cmake' (https://github.com/zeek/cmake) registered for path 'cmake'

Submodule 'doc' (https://github.com/zeek/zeek-docs) registered for path 'doc'

Submodule 'src/3rdparty' (https://github.com/zeek/zeek-3rdparty) registered for path 'src/3rdparty'

Cloning into '/tmp/zeek/aux/bifcl'...

remote: Enumerating objects: 41, done.

remote: Counting objects: 100% (41/41), done.

remote: Compressing objects: 100% (30/30), done.

remote: Total 138 (delta 17), reused 31 (delta 8), pack-reused 97

Receiving objects: 100% (138/138), 33.61 KiB | 506.00 KiB/s, done.

Resolving deltas: 100% (57/57), done.

Cloning into '/tmp/zeek/aux/binpac'...

remote: Enumerating objects: 7, done.

remote: Counting objects: 100% (7/7), done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 1373 (delta 0), reused 2 (delta 0), pack-reused 1366
Receiving objects: 100% (1373/1373), 537.66 KiB | 1.32 MiB/s, done.
Resolving deltas: 100% (772/772), done.
Cloning into '/tmp/zeek/aux/netcontrol-connectors'...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (21/21), done.
remote: Total 281 (delta 7), reused 17 (delta 4), pack-reused 254
Receiving objects: 100% (281/281), 77.99 KiB | 550.00 KiB/s, done.
Resolving deltas: 100% (119/119), done.
Cloning into '/tmp/zeek/aux/btest'...
remote: Enumerating objects: 96, done.
remote: Counting objects: 100% (96/96), done.
remote: Compressing objects: 100% (58/58), done.
remote: Total 2316 (delta 49), reused 68 (delta 30), pack-reused 2220
Receiving objects: 100% (2316/2316), 552.68 KiB | 1.35 MiB/s, done.
Resolving deltas: 100% (1440/1440), done.
Cloning into '/tmp/zeek/aux/broker'...
remote: Enumerating objects: 161, done.
remote: Counting objects: 100% (161/161), done.
remote: Compressing objects: 100% (98/98), done.
remote: Total 9253 (delta 78), reused 101 (delta 46), pack-reused 9092
Receiving objects: 100% (9253/9253), 4.53 MiB | 5.61 MiB/s, done.
Resolving deltas: 100% (6874/6874), done.
Cloning into '/tmp/zeek/aux/zeekctl'...
remote: Enumerating objects: 82, done.
remote: Counting objects: 100% (82/82), done.
remote: Compressing objects: 100% (57/57), done.
remote: Total 12159 (delta 31), reused 62 (delta 19), pack-reused 12077
Receiving objects: 100% (12159/12159), 3.72 MiB | 3.09 MiB/s, done.
Resolving deltas: 100% (7867/7867), done.
Cloning into '/tmp/zeek/aux/paraglob'...
remote: Enumerating objects: 141, done.
remote: Counting objects: 100% (141/141), done.
remote: Compressing objects: 100% (83/83), done.
remote: Total 364 (delta 67), reused 109 (delta 43), pack-reused 223
Receiving objects: 100% (364/364), 107.61 KiB | 586.00 KiB/s, done.
Resolving deltas: 100% (160/160), done.
Cloning into '/tmp/zeek/aux/zeek-aux'...
remote: Enumerating objects: 91, done.
remote: Counting objects: 100% (91/91), done.
remote: Compressing objects: 100% (64/64), done.
remote: Total 2321 (delta 45), reused 61 (delta 19), pack-reused 2230
Receiving objects: 100% (2321/2321), 1.42 MiB | 2.67 MiB/s, done.
Resolving deltas: 100% (1260/1260), done.
Cloning into '/tmp/zeek/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 765.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Cloning into '/tmp/zeek/src/3rdparty'...
remote: Enumerating objects: 45, done.
remote: Counting objects: 100% (45/45), done.
remote: Compressing objects: 100% (37/37), done.
remote: Total 184 (delta 14), reused 37 (delta 8), pack-reused 139
Receiving objects: 100% (184/184), 9.90 MiB | 5.80 MiB/s, done.
Resolving deltas: 100% (46/46), done.
Cloning into '/tmp/zeek/doc'...
remote: Enumerating objects: 85, done.
remote: Counting objects: 100% (85/85), done.
remote: Compressing objects: 100% (65/65), done.
remote: Total 4173 (delta 32), reused 58 (delta 20), pack-reused 4088
Receiving objects: 100% (4173/4173), 3.45 MiB | 4.74 MiB/s, done.
Resolving deltas: 100% (2792/2792), done.
Submodule path 'aux/bifcl': checked out 'e5b1940850d486e3989f6a55615140a16bd1b9d2'
Submodule 'cmake' (https://github.com/zeek/cmaked) registered for path 'aux/bifcl/cmaked'
Cloning into '/tmp/zeek/aux/bifcl/cmaked'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 791.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/bifcl/cmaked': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/binpac': checked out 'a4d1e8e8c4e5ef96751c3345a35af797aa143798'
Submodule 'cmaked' (https://github.com/zeek/cmaked) registered for path 'aux/binpac/cmaked'
Cloning into '/tmp/zeek/aux/binpac/cmaked'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 728.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/binpac/cmaked': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/broker': checked out '237c3cd2d87d467a5b9ac0517c6461ac00c7b85c'
Submodule '3rdparty' (https://github.com/zeek/zeek-3rdparty) registered for path 'aux/broker/3rdparty'
Submodule 'bindings/python/3rdparty/pybind11' (https://github.com/pybind/pybind11.git) registered for path 'aux/broker/bindings/python/3rdparty/pybind11'
Submodule 'cmaked' (https://github.com/zeek/cmaked) registered for path 'aux/broker/cmaked'

Cloning into '/tmp/zeek/aux/broker/3rdparty'...
remote: Enumerating objects: 45, done.
remote: Counting objects: 100% (45/45), done.
remote: Compressing objects: 100% (37/37), done.
remote: Total 184 (delta 14), reused 37 (delta 8), pack-reused 139
Receiving objects: 100% (184/184), 9.90 MiB | 7.24 MiB/s, done.
Resolving deltas: 100% (46/46), done.
Cloning into '/tmp/zeek/aux/broker/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 877.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Cloning into '/tmp/zeek/aux/broker/bindings/python/3rdparty/pybind11'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 11265 (delta 3), reused 4 (delta 1), pack-reused 11253
Receiving objects: 100% (11265/11265), 4.16 MiB | 2.27 MiB/s, done.
Resolving deltas: 100% (7601/7601), done.
Submodule path 'aux/broker/3rdparty': checked out '2b3206b7add3472ea0736f2841473e11d506a85e'
Submodule 'caf' (<https://github.com/zeek/actor-framework>) registered for path 'aux/broker/3rdparty/caf'
Cloning into '/tmp/zeek/aux/broker/3rdparty/caf'...
remote: Enumerating objects: 57122, done.
remote: Total 57122 (delta 0), reused 0 (delta 0), pack-reused 57122
Receiving objects: 100% (57122/57122), 30.21 MiB | 9.52 MiB/s, done.
Resolving deltas: 100% (40351/40351), done.
Submodule path 'aux/broker/3rdparty/caf': checked out 'b05a4b7b2a6f59b0508db84ea68e5ada2224f904'
Submodule 'libcaf_python/third_party/pybind' (<https://github.com/pybind/pybind11.git>) registered for path 'aux/broker/3rdparty/caf/libcaf_python/third_party/pybind'
Cloning into '/tmp/zeek/aux/broker/3rdparty/caf/libcaf_python/third_party/pybind'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 11265 (delta 3), reused 4 (delta 1), pack-reused 11253
Receiving objects: 100% (11265/11265), 4.16 MiB | 4.99 MiB/s, done.
Resolving deltas: 100% (7601/7601), done.
Submodule path 'aux/broker/3rdparty/caf/libcaf_python/third_party/pybind': checked out '19d95ef09a384d6631308161ead24e5a230c9bf8'
Submodule 'tools/clang' (<https://github.com/wjakob/clang-cindex-python3>) registered for path 'aux/broker/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang'
Cloning into '/tmp/zeek/aux/broker/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang'...
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 361 (delta 2), reused 2 (delta 0), pack-reused 353
Receiving objects: 100% (361/361), 147.50 KiB | 729.00 KiB/s, done.
Resolving deltas: 100% (151/151), done.
Submodule path 'aux/broker/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang': checked out '304bfcd0b0284f87667c2444ee46321bc87b60b'
Submodule path 'aux/broker/bindings/python/3rdparty/pybind11': checked out '80d452484c5409444b0ec19383faa84bb7a4d351'
Submodule 'tools/clang' (<https://github.com/wjakob/clang-cindex-python3>) registered for path 'aux/broker/bindings/python/3rdparty/pybind11/tools/clang'
Cloning into '/tmp/zeek/aux/broker/bindings/python/3rdparty/pybind11/tools/clang'...
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 361 (delta 2), reused 2 (delta 0), pack-reused 353
Receiving objects: 100% (361/361), 147.50 KiB | 740.00 KiB/s, done.
Resolving deltas: 100% (151/151), done.
Submodule path 'aux/broker/bindings/python/3rdparty/pybind11/tools/clang': checked out '6a00cbc4a9b8e68b71caf7f774b3f9c753ae84d5'
Submodule path 'aux/broker/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/btest': checked out '37f8619c8ac89e7e9bcda6c167e8972a05d8e286'
Submodule path 'aux/netcontrol-connectors': checked out '6bb6709e755ecd2b930ff4a3ddd68f16d2b52cba'
Submodule path 'aux/paraglob': checked out '6c2b36193e47490e61f22ce6de233af7ed3101b1'
Submodule path 'aux/zeek-aux': checked out '6ecf78b664653736eb74243f93baf6f2b6aa8747'
Submodule 'cmake' (<https://github.com/zeek/cmake>) registered for path 'aux/zeek-aux/cmake'
Cloning into '/tmp/zeek/aux/zeek-aux/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 719.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/zeek-aux/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/zeekctl': checked out '17f3b239f5551d8a9050a8d26a254e516db5c393'
Submodule 'aux/capstats' (<https://github.com/zeek/capstats>) registered for path 'aux/zeekctl/aux/capstats'
Submodule 'aux/pysubnettree' (<https://github.com/zeek/pysubnettree>) registered for path 'aux/zeekctl/aux/pysubnettree'
Submodule 'aux/trace-summary' (<https://github.com/zeek/trace-summary>) registered for path 'aux/zeekctl/aux/trace-summary'
Submodule 'cmake' (<https://github.com/zeek/cmake>) registered for path 'aux/zeekctl/aux/cmake'
Cloning into '/tmp/zeek/aux/zeekctl/aux/capstats'...
remote: Enumerating objects: 32, done.
remote: Counting objects: 100% (32/32), done.
remote: Compressing objects: 100% (22/22), done.
remote: Total 542 (delta 13), reused 25 (delta 8), pack-reused 510
Receiving objects: 100% (542/542), 88.90 KiB | 594.00 KiB/s, done.

```

Resolving deltas: 100% (269/269), done.
Cloning into '/tmp/zeek/aux/zeekctl/aux/pysubnettree'...
remote: Enumerating objects: 57, done.
remote: Counting objects: 100% (57/57), done.
remote: Compressing objects: 100% (40/40), done.
remote: Total 869 (delta 28), reused 37 (delta 12), pack-reused 812
Receiving objects: 100% (869/869), 213.00 KiB | 865.00 KiB/s, done.
Resolving deltas: 100% (496/496), done.
Cloning into '/tmp/zeek/aux/zeekctl/aux/trace-summary'...
remote: Enumerating objects: 74, done.
remote: Counting objects: 100% (74/74), done.
remote: Compressing objects: 100% (48/48), done.
remote: Total 1008 (delta 39), reused 50 (delta 19), pack-reused 934
Receiving objects: 100% (1008/1008), 232.18 KiB | 834.00 KiB/s, done.
Resolving deltas: 100% (556/556), done.
Cloning into '/tmp/zeek/aux/zeekctl/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 717.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/zeekctl/aux/capstats': checked out 'b9eef613da697faf46033441ca9c8f6b4a937b92'
Submodule 'cmake' (https://github.com/zeek/cmake) registered for path 'aux/zeekctl/aux/capstats/cmake'
Cloning into '/tmp/zeek/aux/zeekctl/aux/capstats/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 885.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/zeekctl/aux/capstats/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/zeekctl/aux/pysubnettree': checked out '268580d67beb9d33964188e352afb46f4654f3f0'
Submodule 'cmake' (https://github.com/zeek/cmake) registered for path 'aux/zeekctl/aux/pysubnettree/cmake'
Cloning into '/tmp/zeek/aux/zeekctl/aux/pysubnettree/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 768.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/zeekctl/aux/pysubnettree/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/zeekctl/aux/trace-summary': checked out 'f4ccf7fbafea8c0ee1e6f50593cf5e5c68fb17b'
Submodule 'cmake' (https://github.com/zeek/cmake) registered for path 'aux/zeekctl/aux/trace-summary/cmake'
Cloning into '/tmp/zeek/aux/zeekctl/aux/trace-summary/cmake'...
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 751 (delta 5), reused 8 (delta 2), pack-reused 735
Receiving objects: 100% (751/751), 187.72 KiB | 759.00 KiB/s, done.
Resolving deltas: 100% (424/424), done.
Submodule path 'aux/zeekctl/aux/trace-summary/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'aux/zeekctl/cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'cmake': checked out 'd3e1884a876781dedac716d102e8a06e1cc54380'
Submodule path 'doc': checked out 'acb7c5df591d7beb24bf718dc9a45161f72c411b'
Submodule path 'src/3rdparty': checked out '2b3206b7add3472ea0736f2841473e11d506a85e'
Submodule 'caf' (https://github.com/zeek/actor-framework) registered for path 'src/3rdparty/caf'
Cloning into '/tmp/zeek/src/3rdparty/caf'...
remote: Enumerating objects: 57122, done.
remote: Total 57122 (delta 0), reused 0 (delta 0), pack-reused 57122
Receiving objects: 100% (57122/57122), 30.21 MiB | 9.38 MiB/s, done.
Resolving deltas: 100% (40351/40351), done.
Submodule path 'src/3rdparty/caf': checked out 'b05a4b7b2a6f59b0508db84ea68e5ada2224f904'
Submodule 'libcaf_python/third_party/pybind' (https://github.com/pybind/pybind11.git) registered for path 'src/3rdparty/caf/libcaf_python/third_party/pybind'
Cloning into '/tmp/zeek/src/3rdparty/caf/libcaf_python/third_party/pybind'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 11265 (delta 3), reused 4 (delta 1), pack-reused 11253
Receiving objects: 100% (11265/11265), 4.16 MiB | 5.34 MiB/s, done.
Resolving deltas: 100% (7601/7601), done.
Submodule path 'src/3rdparty/caf/libcaf_python/third_party/pybind': checked out '19d95ef09a384d6631308161ead24e5a230c9bf8'
Submodule 'tools/clang' (https://github.com/wjakob/clang-cindex-python3) registered for path 'src/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang'
Cloning into '/tmp/zeek/src/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang'...
remote: Enumerating objects: 8, done.
remote: Counting objects: 100% (8/8), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 361 (delta 2), reused 2 (delta 0), pack-reused 353
Receiving objects: 100% (361/361), 147.50 KiB | 692.00 KiB/s, done.
Resolving deltas: 100% (151/151), done.
Submodule path 'src/3rdparty/caf/libcaf_python/third_party/pybind/tools/clang': checked out '304bfcde0b0284f87667c2444ee46321bc87b60b'
root@vm07pec4zeek: /tmp# cd zeek
root@vm07pec4zeek: /tmp/zeek# ./configure --with-pcap=/opt/PF_RING --prefix=/opt/zeek/
Build Directory: build
Source Directory: /tmp/zeek
-- The C compiler identification is GNU 9.2.1
-- The CXX compiler identification is GNU 9.2.1

```

```

-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ -- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found sed: /usr/bin/sed
-- Found PythonInterp: /usr/bin/python (found version "2.7.17")
-- Found FLEX: /usr/bin/flex (found version "2.6.4")
-- Found BISON: /usr/bin/bison
-- Found PCAP: /opt/PF_RING/lib/libpcap.so
-- Performing Test PCAP_LINKS_SOLO
-- Performing Test PCAP_LINKS_SOLO - Success
-- Looking for pcap_get_pfring_id
-- Looking for pcap_get_pfring_id - found
-- Found OpenSSL: /usr/lib/x86_64-linux-gnu/libcrypto.so (found version "1.1.1c")
-- Performing Test ns_initparse_works_none
-- Performing Test ns_initparse_works_none - Failed
-- Performing Test res_mkquery_works_none
-- Performing Test res_mkquery_works_none - Failed
-- Performing Test ns_initparse_works_libresolv.a
-- Performing Test ns_initparse_works_libresolv.a - Success
-- Performing Test res_mkquery_works_libresolv.a
-- Performing Test res_mkquery_works_libresolv.a - Success
-- Found BIND: /usr/lib/x86_64-linux-gnu/libresolv.a
-- Found ZLIB: /usr/lib/x86_64-linux-gnu/libz.so (found version "1.2.11")
-- Check if the system is big endian
-- Searching 16 bit integer
-- Looking for sys/types.h
-- Looking for sys/types.h - found
-- Looking for stdint.h
-- Looking for stdint.h - found
-- Looking for stddef.h
-- Looking for stddef.h - found
-- Check size of unsigned short
-- Check size of unsigned short - done
-- Using unsigned short
-- Check if the system is big endian - little endian
-- Check size of unsigned int
-- Check size of unsigned int - done

=====| BinPAC Build Summary |=====
Version:      0.54-12
SO version:   0

Build Type:   RelWithDebInfo
Debug mode:   false
Install prefix: /opt/zeek
Shared libs:  yes
Static libs:  no

CC:           /usr/bin/cc
CFLAGS:       -Wall -Wno-unused -O2 -g -DNDEBUG
CXX:          /usr/bin/c++
CXXFLAGS:     -Wall -Wno-unused -Wno-register -O2 -g -DNDEBUG
CPP:          /usr/bin/c++

=====

-- Found BinPAC: /tmp/zeek/build/aux/binpac/src/./binpac

=====| Bifcl Build Summary |=====

Build type:   RelWithDebInfo
Build dir:    /tmp/zeek/build
Install prefix: /opt/zeek
Debug mode:   false

CC:           /usr/bin/cc
CFLAGS:       -Wall -Wno-unused -O2 -g -DNDEBUG
CXX:          /usr/bin/c++
CXXFLAGS:     -Wall -Wno-unused -Wno-register -O2 -g -DNDEBUG
CPP:          /usr/bin/c++

=====

-- Performing Test cxx17_works
-- Performing Test cxx17_works - Success

=====| Paraglob Config Summary |=====
BUILD_TYPE:   RELWITHDEBINFO
CXX_FLAGS:    -Wall -Wno-unused -Wno-register -std=c++17 -Wall -O2 -g -DNDEBUG
=====

```

***** Begin CAF External Project CMake Output *****

```
-- The C compiler identification is GNU 9.2.1
-- The CXX compiler identification is GNU 9.2.1
-- Check for working C compiler: /usr/bin/cc
-- Check for working C compiler: /usr/bin/cc -- works
-- Detecting C compiler ABI info
-- Detecting C compiler ABI info - done
-- Detecting C compile features
-- Detecting C compile features - done
-- Check for working CXX compiler: /usr/bin/c++
-- Check for working CXX compiler: /usr/bin/c++ -- works
-- Detecting CXX compiler ABI info
-- Detecting CXX compiler ABI info - done
-- Detecting CXX compile features
-- Detecting CXX compile features - done
-- Found g++ version 9.2
-- Found OpenSSL: /usr/lib/x86_64-linux-gnu/libcrypto.so (found version "1.1.1c")
-- Performing Test OPENSSL_CORRECT_VERSION_NUMBER
-- Performing Test OPENSSL_CORRECT_VERSION_NUMBER - Success
-- Set release version for all documentation to 0.17.3.
-- Found Doxygen: /usr/bin/doxygen (found version "1.8.13") found components: doxygen missing components: dot
-- Add optional target: doxygen.
--
```

=====| Build Summary |=====

CAF version: 0.17.3

Build type: RelWithDebInfo
Build static: no
Build static only: no
Build static runtime: no
Runtime checks: no
Log level: QUIET
With mem. mgmt.: yes
With exceptions: yes

Build I/O module: yes
Build tools: no
Build examples: no
Build unit tests: no
Build OpenCL: no
Build OpenSSL: yes
Build Python: no

CXX: /usr/bin/c++

CXXFLAGS: -std=c++11 -Wextra -Wall -pedantic -ftemplate-depth=512 -ftemplate-backtrace-limit=0 -Wno-

missing-field-initializers -pthread -fPIC -O2 -g -DNDEBUG

LINKER_FLAGS (shared)

Source directory: /tmp/zeek/aux/broker/3rdparty/caf
Build directory: /tmp/zeek/build/aux/broker/caf-build
Executable path: /tmp/zeek/build/aux/broker/caf-build/bin
Library path: /tmp/zeek/build/aux/broker/caf-build/lib
Install prefix: /opt/zeek
Generator: Unix Makefiles

=====

```
-- Configuring done
-- Generating done
-- Build files have been written to: /tmp/zeek/build/aux/broker/caf-build
```

***** End CAF External Project CMake Output *****

```
-- Could NOT find RocksDB (missing: ROCKSDB_LIBRARIES ROCKSDB_INCLUDE_DIRS)
-- Check if the system is big endian
-- Searching 16 bit integer
-- Using unsigned short
-- Check if the system is big endian - little endian
-- Looking for include file emmintrin.h
-- Looking for include file emmintrin.h - found
-- Performing Test atomic64_builtin
-- Performing Test atomic64_builtin - Success
-- Found PythonDev: /usr/bin/python2.7-config
-- Performing Test HAS_LTO_FLAG
-- Performing Test HAS_LTO_FLAG - Success
-- Python bindings will be built and installed to:
-- /opt/zeek/lib/zeekctl
```

=====| Broker Config Summary |=====

Version: 1.2.0-137
SO version: 2

Build Type: RelWithDebInfo
Install prefix: /opt/zeek
Library prefix: lib
Shared libs: yes
Static libs: no

```
CC: /usr/bin/cc
CFLAGS: -Wall -Wno-unused -O2 -g -DNDEBUG
CXX: /usr/bin/c++
CXXFLAGS: -Wall -Wno-unused -Wno-register -std=c++17 -pthread -Wall -Wno-unused -pedantic -ftemplate-
depth=512 -ftemplate-backtrace-limit=3 -O2 -g -DNDEBUG

CAF: /tmp/zeek/aux/broker/3rdparty/caf (0.17.3)
RocksDB: no
Python bindings: yes
Zeek: /tmp/zeek/build/zeek-path-dev.sh
=====
```

```
-- Found LibMMDB: /usr/lib/x86_64-linux-gnu/libmaxminddb.so
-- Found LibKrb5: /usr/lib/x86_64-linux-gnu/libkrb5.so
-- Check if the system is big endian
-- Searching 16 bit integer
-- Using unsigned short
-- Check if the system is big endian - little endian
-- Looking for htonl
-- Looking for htonl - not found
-- Check size of long int
-- Check size of long int - done
-- Check size of long long
-- Check size of long long - done
-- Check size of void *
-- Check size of void * - done
-- Check size of int32_t
-- Check size of int32_t - done
-- Check size of uint32_t
-- Check size of uint32_t - done
-- Check size of uint16_t
-- Check size of uint16_t - done
-- Check size of uint8_t
-- Check size of uint8_t - done
-- Check size of socklen_t
-- Check size of socklen_t - done
-- Check size of struct ip6_opt
-- Check size of struct ip6_opt - done
-- Check size of struct ip6_ext
-- Check size of struct ip6_ext - done
-- Looking for include file getopt.h
-- Looking for include file getopt.h - found
-- Looking for include file memory.h
-- Looking for include file memory.h - found
-- Looking for include file netinet/ether.h
-- Looking for include file netinet/ether.h - found
-- Looking for 4 include files sys/socket.h, ..., netinet/if_ether.h
-- Looking for 4 include files sys/socket.h, ..., netinet/if_ether.h - found
-- Looking for 4 include files sys/socket.h, ..., netinet/ip6.h
-- Looking for 4 include files sys/socket.h, ..., netinet/ip6.h - found
-- Looking for 3 include files sys/socket.h, ..., net/ethernet.h
-- Looking for 3 include files sys/socket.h, ..., net/ethernet.h - found
-- Looking for include file sys/ethernet.h
-- Looking for include file sys/ethernet.h - not found
-- Looking for include file net/ethertypes.h
-- Looking for include file net/ethertypes.h - not found
-- Looking for include file sys/time.h
-- Looking for include file sys/time.h - found
-- Looking for include files time.h, sys/time.h
-- Looking for include files time.h, sys/time.h - found
-- Looking for include file os-proto.h
-- Looking for include file os-proto.h - not found
-- Performing Test HAVE_READLINE_HISTORY_ENTRIES
-- Performing Test HAVE_READLINE_HISTORY_ENTRIES - Failed
-- Looking for include files stdio.h, readline/readline.h
-- Looking for include files stdio.h, readline/readline.h - found
-- Looking for include files stdio.h, readline/history.h
-- Looking for include files stdio.h, readline/history.h - found
-- Performing Test SIN_LEN
-- Performing Test SIN_LEN - Failed
-- Looking for IPPROTO_HOPOPTS
-- Looking for IPPROTO_HOPOPTS - found
-- Looking for IPPROTO_IPV6
-- Looking for IPPROTO_IPV6 - found
-- Looking for IPPROTO_IPV4
-- Looking for IPPROTO_IPV4 - not found
-- Looking for IPPROTO_ROUTING
-- Looking for IPPROTO_ROUTING - found
-- Looking for IPPROTO_FRAGMENT
-- Looking for IPPROTO_FRAGMENT - found
-- Looking for IPPROTO_ESP
-- Looking for IPPROTO_ESP - found
-- Looking for IPPROTO_AH
-- Looking for IPPROTO_AH - found
-- Looking for IPPROTO_ICMPV6
-- Looking for IPPROTO_ICMPV6 - found
-- Looking for IPPROTO_NONE
-- Looking for IPPROTO_NONE - found
-- Looking for IPPROTO_DSTOPTS
-- Looking for IPPROTO_DSTOPTS - found
-- Looking for getopt_long
```

```

-- Looking for getopt_long - found
-- Looking for mallinfo
-- Looking for mallinfo - found
-- Looking for strcasestr
-- Looking for strcasestr - found
-- Looking for strerror
-- Looking for strerror - found
-- Looking for strsep
-- Looking for strsep - found
-- Looking for sigset
-- Looking for sigset - found
-- Looking for sigaction
-- Looking for sigaction - found
-- Performing Test DO_SOCKET_DECL
-- Performing Test DO_SOCKET_DECL - Failed
-- Performing Test SYSLOG_INT
-- Performing Test SYSLOG_INT - Failed
-- Looking for include file pcap-int.h
-- Looking for include file pcap-int.h - not found
-- Looking for pcap_freecode
-- Looking for pcap_freecode - found
-- Performing Test LIBPCAP_PCAP_COMPILE_NOPCAP_HAS_ERROR_PARAMETER
-- Performing Test LIBPCAP_PCAP_COMPILE_NOPCAP_HAS_ERROR_PARAMETER - Failed
-- Performing Test LIBPCAP_PCAP_COMPILE_NOPCAP_NO_ERROR_PARAMETER
-- Performing Test LIBPCAP_PCAP_COMPILE_NOPCAP_NO_ERROR_PARAMETER - Success
-- Looking for DLT_PPP_SERIAL
-- Looking for DLT_PPP_SERIAL - found
-- Looking for DLT_NFLOG
-- Looking for DLT_NFLOG - found
-- Performing Test including_ssl_h_works
-- Performing Test including_ssl_h_works - Success
-- Performing Test OPENSSSL_D2I_X509_USES_CONST_CHAR
-- Performing Test OPENSSSL_D2I_X509_USES_CONST_CHAR - Success
-- Performing Test OPENSSSL_CORRECT_VERSION_NUMBER
-- Performing Test OPENSSSL_CORRECT_VERSION_NUMBER - Success
-- Performing Test have_nameser_header
-- Performing Test have_nameser_header - Success
-- Looking for pthread.h
-- Looking for pthread.h - found
-- Looking for pthread_create
-- Looking for pthread_create - not found
-- Looking for pthread_create in pthreads
-- Looking for pthread_create in pthreads - not found
-- Looking for pthread_create in pthread
-- Looking for pthread_create in pthread - found
-- Found Threads: TRUE
-- Found SWIG: /usr/bin/swig3.0 (found version "3.0.12")
CMake Warning (dev) at /usr/share/cmake-3.13/Modules/UseSWIG.cmake:564 (message):
  Policy CMP0078 is not set. Run "cmake --help-policy CMP0078" for policy
  details. Use the cmake_policy command to set the policy and suppress this
  warning.
Call Stack (most recent call first):
  aux/zeekctl/aux/pysubnettree/CMakeLists.txt:45 (swig_add_library)
This warning is for project developers. Use -Wno-dev to suppress it.

```

=====| PySubnetTree Build Summary |=====

```

Install dir:      /opt/zeek/lib/zeekctl
Debug mode:      false

CC:              /usr/bin/cc
CFLAGS:          -Wall -Wno-unused -O2 -g -DNDEBUG
CXX:             /usr/bin/c++
CXXFLAGS:        -Wall -Wno-unused -Wno-register -std=c++17 -O2 -g -DNDEBUG
CPP:            /usr/bin/c++

```

=====| capstats Build Summary |=====

```

Install prefix:   /opt/zeek
Debug mode:      false

CXX:             /usr/bin/c++
CXXFLAGS:        -Wall -Wno-unused -Wno-register -std=c++17 -O2 -g -DNDEBUG
CPP:            /usr/bin/c++

```

=====| trace-summary Install Summary |=====

```

Install destination: /opt/zeek/bin

```

```

-- Could NOT find Zeek (missing: ZEEK_EXE)
-- Found SubnetTree: build from source aux/pysubnettree
CMake Warning at aux/zeekctl/CMakeLists.txt:41 (message):

```

A sendmail program was not found, ZeekControl will be unable to send mail.

=====| ZeekControl Install Summary |=====

Install prefix: /opt/zeek
Zeek root: /opt/zeek
Scripts Dir: /opt/zeek/share/zeek
Spool Dir: /opt/zeek/spool
Log Dir: /opt/zeek/logs
Config File Dir: /opt/zeek/etc

=====| Zeek-Aux Build Summary |=====

Install prefix: /opt/zeek
Debug mode: false

CC: /usr/bin/cc
CFLAGS: -Wall -Wno-unused -O2 -g -DNDEBUG
CXX: /usr/bin/c++
CXXFLAGS: -Wall -Wno-unused -Wno-register -std=c++17 -O2 -g -DNDEBUG
CPP: /usr/bin/c++

=====| Zeek Build Summary |=====

Build type: RelWithDebInfo
Build dir: /tmp/zeek/build
Install prefix: /opt/zeek
Zeek Script Path: /opt/zeek/share/zeek
Debug mode: false
Unit tests:

CC: /usr/bin/cc
CFLAGS: -Wall -Wno-unused -O2 -g -DNDEBUG
CXX: /usr/bin/c++
CXXFLAGS: -Wall -Wno-unused -Wno-register -std=c++17 -O2 -g -DNDEBUG
CPP: /usr/bin/c++

ZeekControl: true
Aux. Tools: true

libmaxminddb: true
Kerberos: true
gperftools found: false
 tcmalloc: false
 debugging: false
jemalloc: false

-- Configuring done
-- Generating done
-- Build files have been written to: /tmp/zeek/build
root@vm07pec4zeek:/tmp/zeek#
root@vm07pec4zeek:/tmp/zeek# make
make -C build all
make[1]: Entering directory '/tmp/zeek/build'
make[2]: Entering directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target binpac_lib
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[0%] Building CXX object aux/binpac/lib/CMakeFiles/binpac_lib.dir/binpac_buffer.cc.o
[0%] Building CXX object aux/binpac/lib/CMakeFiles/binpac_lib.dir/binpac_bytestring.cc.o
[0%] Building CXX object aux/binpac/lib/CMakeFiles/binpac_lib.dir/binpac_regex.cc.o
[0%] Linking CXX shared library libbinpac.so
make[3]: Leaving directory '/tmp/zeek/build'
[0%] Built target binpac_lib
make[3]: Entering directory '/tmp/zeek/build'
[0%] [FLEX][PACScanner] Building scanner with flex 2.6.4
[0%] [BISON][PACParser] Building parser with bison 3.4.1
Scanning dependencies of target binpac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[0%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_parse.cc.o
[0%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_scan.cc.o
[0%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_action.cc.o
[0%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_analyzer.cc.o
[0%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_array.cc.o
[1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_attr.cc.o
[1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_btype.cc.o
[1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_case.cc.o
[1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_conn.cc.o
[1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_context.cc.o

```

[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_cstr.cc.o
[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_datadep.cc.o
[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_dataptr.cc.o
[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_dataunit.cc.o
[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_decl.cc.o
[ 1%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_embedded.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_enum.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_expr.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_exttype.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_field.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_flow.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_func.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_id.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_inputbuf.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_let.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_param.cc.o
[ 2%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_paramtype.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_primitive.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_record.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_redef.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_regex.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_state.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_strtype.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_type.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_typeddecl.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_withinput.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_output.cc.o
[ 3%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_utils.cc.o
[ 4%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_exception.cc.o
[ 4%] Building CXX object aux/binpac/src/CMakeFiles/binpac.dir/pac_main.cc.o
[ 4%] Linking CXX executable binpac
make[3]: Leaving directory '/tmp/zeek/build'
[ 4%] Built target binpac
make[3]: Entering directory '/tmp/zeek/build'
[ 4%] [FLEX][BIFScanner] Building scanner with flex 2.6.4
[ 4%] [BISON][BIFParser] Building parser with bison 3.4.1
Scanning dependencies of target bifcl
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 4%] Building CXX object aux/bifcl/CMakeFiles/bifcl.dir/bif_parse.cc.o
[ 5%] Building CXX object aux/bifcl/CMakeFiles/bifcl.dir/bif_lex.cc.o
In file included from /usr/include/string.h:494,
                 from /tmp/zeek/build/aux/bifcl/bif_lex.cc:21:
In function 'char* strncpy(char*, const char*, size_t)',
    inlined from 'void init_alternative_mode()' at builtin-func.l:247:9:
/usr/include/x86_64-linux-gnu/bits/string_fortified.h:106:34: warning: 'char* __builtin_strncpy(char*, const
char*, long unsigned int)' specified bound 1024 equals destination size [-Wstringop-truncation]
  106 |     return __builtin_strncpy_chk (__dest, __src, __len, __bos (__dest));
      |           ~~~~~^~~~~~
In function 'char* strncpy(char*, const char*, size_t)',
    inlined from 'void init_alternative_mode()' at builtin-func.l:255:10:
/usr/include/x86_64-linux-gnu/bits/string_fortified.h:106:34: warning: 'char* __builtin_strncpy(char*, const
char*, long unsigned int)' specified bound 1024 equals destination size [-Wstringop-truncation]
  106 |     return __builtin_strncpy_chk (__dest, __src, __len, __bos (__dest));
      |           ~~~~~^~~~~~
[ 5%] Building CXX object aux/bifcl/CMakeFiles/bifcl.dir/bif_arg.cc.o
[ 5%] Building CXX object aux/bifcl/CMakeFiles/bifcl.dir/module_util.cc.o
[ 5%] Linking CXX executable bifcl
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target bifcl
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target ahocorasick
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 5%] Building C object aux/paraglob/src/ahocorasick/CMakeFiles/ahocorasick.dir/ahocorasick.c.o
[ 5%] Building C object aux/paraglob/src/ahocorasick/CMakeFiles/ahocorasick.dir/node.c.o
[ 5%] Building C object aux/paraglob/src/ahocorasick/CMakeFiles/ahocorasick.dir/mpool.c.o
[ 5%] Building C object aux/paraglob/src/ahocorasick/CMakeFiles/ahocorasick.dir/replace.c.o
[ 5%] Building CXX object aux/paraglob/src/ahocorasick/CMakeFiles/ahocorasick.dir/AhoCorasickPlus.cpp.o
[ 5%] Linking CXX static library libahocorasick.a
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target ahocorasick
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target paraglob
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 6%] Building CXX object aux/paraglob/src/CMakeFiles/paraglob.dir/paraglob.cpp.o
[ 6%] Building CXX object aux/paraglob/src/CMakeFiles/paraglob.dir/paraglob_serializer.cpp.o
[ 6%] Linking CXX static library libparaglob.a
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target paraglob-test
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 6%] Building CXX object aux/paraglob/tools/CMakeFiles/paraglob-test.dir/driver.cpp.o
[ 6%] Building CXX object aux/paraglob/tools/CMakeFiles/paraglob-test.dir/benchmark.cpp.o
[ 6%] Linking CXX executable paraglob-test
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob-test
make[3]: Entering directory '/tmp/zeek/build'

```



```
Scanning dependencies of target project_caf
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 6%] Building CAF
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[5]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target caf-generate-enum-strings
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Building CXX object CMakeFiles/caf-generate-enum-strings.dir/cmake/caf-generate-enum-strings.cpp.o
[ 0%] Linking CXX executable bin/caf-generate-enum-strings
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target caf-generate-enum-strings
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target libcaf_core
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target libcaf_core
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Generating task_result_strings.cpp
[ 0%] Generating exit_reason_strings.cpp
[ 1%] Generating inbox_result_strings.cpp
[ 1%] Generating invoke_msg_result_strings.cpp
[ 1%] Generating message_priority_strings.cpp
[ 2%] Generating pec_strings.cpp
[ 2%] Generating sec_strings.cpp
[ 3%] Generating stream_priority_strings.cpp
Scanning dependencies of target libcaf_core_shared
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 4%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/exit_reason_strings.cpp.o
[ 4%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/inbox_result_strings.cpp.o
[ 5%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/invoke_msg_result_strings.cpp.o
[ 5%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/message_priority_strings.cpp.o
[ 5%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/pec_strings.cpp.o
[ 6%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/sec_strings.cpp.o
[ 6%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/stream_priority_strings.cpp.o
[ 7%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/task_result_strings.cpp.o
[ 7%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/abstract_actor.cpp.o
[ 9%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/abstract_channel.cpp.o
[ 9%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/abstract_composable_behavior.cpp.o
[10%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/abstract_group.cpp.o
[10%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor.cpp.o
[10%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_addr.cpp.o
[11%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_clock.cpp.o
[11%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_companion.cpp.o
[12%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_config.cpp.o
[12%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_control_block.cpp.o
[13%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_ostream.cpp.o
[13%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_pool.cpp.o
[13%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_profiler.cpp.o
[14%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_proxy.cpp.o
[14%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_registry.cpp.o
[15%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_system.cpp.o
[15%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/actor_system_config.cpp.o
[17%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/atom.cpp.o
[17%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/attachable.cpp.o
[18%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/behavior.cpp.o
[18%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/binary_deserializer.cpp.o
[18%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/blocking_actor.cpp.o
[19%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/config_option.cpp.o
[19%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/config_option_adder.cpp.o
[20%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/config_option_set.cpp.o
[20%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/config_value.cpp.o
[21%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/decorator/sequencer.cpp.o
[21%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/decorator/splitter.cpp.o
[22%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/default_attachable.cpp.o
[22%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/defaults.cpp.o
[22%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/deserializer.cpp.o
[23%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/abstract_worker.cpp.o
[23%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/abstract_worker_hub.cpp.o
[25%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/append_hex.cpp.o
[25%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/append_percent_encoded.cpp.o
[26%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/behavior_impl.cpp.o
[26%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/behavior_stack.cpp.o
[27%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/blocking_behavior.cpp.o
[27%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/concatenated_tuple.cpp.o
[27%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/decorated_tuple.cpp.o
[28%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/dynamic_message_data.cpp.o
[28%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/fnv_hash.cpp.o
[29%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/get_mac_addresses.cpp.o
[29%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/get_process_id.cpp.o
[30%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/get_root_uuid.cpp.o
[30%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/ini_consumer.cpp.o
[30%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/invoke_result_visitor.cpp.o
[31%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/merged_tuple.cpp.o
[31%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/message_data.cpp.o
[32%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/parse.cpp.o
[32%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/parser/chars.cpp.o
[34%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/preTTY_type_name.cpp.o
[34%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/private_thread.cpp.o
```

```

[ 35%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/ripemd_160.cpp.o
[ 35%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/serialized_size.cpp.o
[ 35%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/set_thread_name.cpp.o
[ 36%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/shared_spinlock.cpp.o
[ 36%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/simple_actor_clock.cpp.o
[ 37%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/stringification_inspector.cpp.o
[ 37%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/sync_request_bouncer.cpp.o
[ 38%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/test_actor_clock.cpp.o
[ 38%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/thread_safe_actor_clock.cpp.o
[ 39%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/tick_emitter.cpp.o
[ 39%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/try_match.cpp.o
[ 39%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/detail/uri_impl.cpp.o
[ 40%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/downstream_manager.cpp.o
[ 40%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/downstream_manager_base.cpp.o
[ 42%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/duration.cpp.o
[ 42%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/error.cpp.o
[ 43%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/event_based_actor.cpp.o
[ 43%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/execution_unit.cpp.o
[ 43%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/exit_reason.cpp.o
[ 44%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/forwarding_actor_proxy.cpp.o
[ 44%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/group.cpp.o
[ 45%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/group_manager.cpp.o
[ 45%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/group_module.cpp.o
[ 46%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/inbound_path.cpp.o
[ 46%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv4_address.cpp.o
[ 47%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv4_endpoint.cpp.o
[ 47%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv4_subnet.cpp.o
[ 47%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv6_address.cpp.o
[ 48%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv6_endpoint.cpp.o
[ 48%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ipv6_subnet.cpp.o
[ 50%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/local_actor.cpp.o
[ 50%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/logger.cpp.o
[ 51%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/mailbox_element.cpp.o
[ 51%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/make_config_option.cpp.o
[ 52%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/match_case.cpp.o
[ 52%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/memory_managed.cpp.o
[ 52%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/message.cpp.o
[ 53%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/message_builder.cpp.o
[ 53%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/message_handler.cpp.o
[ 54%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/message_view.cpp.o
[ 54%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/monitorable_actor.cpp.o
[ 55%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/node_id.cpp.o
[ 55%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/outbound_path.cpp.o
[ 55%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/pec.cpp.o
[ 56%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/policy/downstream_messages.cpp.o
[ 56%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/policy/unprofiled.cpp.o
[ 57%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/policy/work_sharing.cpp.o
[ 57%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/policy/work_stealing.cpp.o
[ 59%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/proxy_registry.cpp.o
[ 59%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/raise_error.cpp.o
[ 60%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/raw_event_based_actor.cpp.o
[ 60%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/ref_counted.cpp.o
[ 60%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/replies_to.cpp.o
[ 61%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/response_promise.cpp.o
[ 61%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/resumable.cpp.o
[ 62%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/rtti_pair.cpp.o
[ 62%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/runtime_settings_map.cpp.o
[ 63%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/scheduled_actor.cpp.o
[ 63%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/scheduler/abstract_coordinator.cpp.o
[ 64%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/scheduler/test_coordinator.cpp.o
[ 64%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/scoped_actor.cpp.o
[ 64%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/scoped_execution_unit.cpp.o
[ 65%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/sec.cpp.o
[ 65%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/serializer.cpp.o
[ 67%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/settings.cpp.o
[ 67%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/skip.cpp.o
[ 68%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/stream_aborter.cpp.o
[ 68%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/stream_manager.cpp.o
[ 69%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/string_algorithms.cpp.o
[ 69%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/string_view.cpp.o
[ 69%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/term.cpp.o
[ 70%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/thread_hook.cpp.o
[ 70%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/timestamp.cpp.o
[ 71%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/type_erased_tuple.cpp.o
[ 71%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/type_erased_value.cpp.o
[ 72%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/uniform_type_info_map.cpp.o
[ 72%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/uri.cpp.o
[ 72%] Building CXX object libcaf_core/CMakeFiles/libcaf_core_shared.dir/src/uri_builder.cpp.o
[ 73%] Linking CXX shared library /tmp/zeek/build/aux/broker/lib/libcaf_core.so
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_core_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target libcaf_io
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_io
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 75%] Generating operation_to_string.cpp
[ 75%] Generating message_type_to_string.cpp
Scanning dependencies of target libcaf_io_target
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'

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make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 75%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/message_type_to_string.cpp.o
[ 76%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/operation_to_string.cpp.o
[ 76%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/detail/socket_guard.cpp.o
[ 77%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/abstract_broker.cpp.o
[ 77%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/header.cpp.o
[ 77%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/instance.cpp.o
In file included from /tmp/zeek/aux/broker/3rdparty/caf/libcaf_core/caf/settings.hpp:39,
                 from /tmp/zeek/aux/broker/3rdparty/caf/libcaf_io/caf/io/basp/instance.hpp:23,
                 from /tmp/zeek/aux/broker/3rdparty/caf/libcaf_io/src/io/basp/instance.cpp:19:
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_core/caf/actor_system_config.hpp:444:16:   required from 'T caf::get_or(const
settings&, caf::string_view, T) [with T = std::vector<std::__cxx11::basic_string<char> >; <template-parameter-1-2>
= void; caf::settings = caf::dictionary<caf::config_value>]':
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_core/caf/actor_system_config.hpp:444:16:   required from 'T
caf::get_or(const caf::actor_system_config&, caf::string_view, T) [with T =
std::vector<std::__cxx11::basic_string<char> >; <template-parameter-1-2> = void]':
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_io/src/io/basp/instance.cpp:232:63:   required from here
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_core/caf/settings.hpp:71:33: warning: redundant move in return statement
[-Wredundant-move]
    71 |     return std::move(default_value);
       |           ^
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_core/caf/settings.hpp:71:33: note: remove 'std::move' call
[ 78%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/message_queue.cpp.o
[ 78%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/routing_table.cpp.o
[ 79%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/worker.cpp.o
[ 79%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/basp/broker.cpp.o
[ 80%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/broker.cpp.o
[ 80%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/connection_helper.cpp.o
[ 81%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/datagram_servant.cpp.o
[ 81%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/doorman.cpp.o
[ 81%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/middleman.cpp.o
[ 82%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/middleman_actor.cpp.o
[ 82%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/middleman_actor_impl.cpp.o
[ 84%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/acceptor.cpp.o
[ 84%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/acceptor_manager.cpp.o
[ 85%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/datagram_handler.cpp.o
[ 85%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/datagram_manager.cpp.o
[ 85%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/datagram_servant_impl.cpp.o
[ 86%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/default_multiplexer.cpp.o
[ 86%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/doorman_impl.cpp.o
[ 87%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/event_handler.cpp.o
[ 87%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/interfaces.cpp.o
[ 88%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/ip_endpoint.cpp.o
[ 88%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/manager.cpp.o
[ 89%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/multiplexer.cpp.o
[ 89%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/native_socket.cpp.o
[ 89%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/pipe_reader.cpp.o
[ 90%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/protocol.cpp.o
[ 90%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/receive_buffer.cpp.o
[ 92%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/scribe_impl.cpp.o
[ 92%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/stream.cpp.o
[ 93%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/stream_manager.cpp.o
[ 93%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/network/test_multiplexer.cpp.o
[ 94%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/io/scribe.cpp.o
[ 94%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/policy/tcp.cpp.o
[ 94%] Building CXX object libcaf_io/CMakeFiles/libcaf_io_shared.dir/src/policy/udp.cpp.o
[ 95%] Linking CXX shared library /tmp/zeek/build/aux/broker/lib/libcaf_io.so
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_io_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target libcaf_openssl
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_openssl
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target libcaf_openssl_shared
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Building CXX object libcaf_openssl/CMakeFiles/libcaf_openssl_shared.dir/src/openssl/manager.cpp.o
[ 96%] Building CXX object libcaf_openssl/CMakeFiles/libcaf_openssl_shared.dir/src/openssl/middleman_actor.cpp.o
[ 96%] Building CXX object libcaf_openssl/CMakeFiles/libcaf_openssl_shared.dir/src/openssl/publish.cpp.o
[ 97%] Building CXX object libcaf_openssl/CMakeFiles/libcaf_openssl_shared.dir/src/openssl/remote_actor.cpp.o
[ 97%] Building CXX object libcaf_openssl/CMakeFiles/libcaf_openssl_shared.dir/src/openssl/session.cpp.o
[ 98%] Linking CXX shared library /tmp/zeek/build/aux/broker/lib/libcaf_openssl.so
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 98%] Built target libcaf_openssl_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
Scanning dependencies of target caf-generate-rst
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
[100%] Building CXX object doc/CMakeFiles/caf-generate-rst.dir/cmake/caf-generate-rst.cpp.o
[100%] Linking CXX executable ../bin/caf-generate-rst
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[100%] Built target caf-generate-rst
make[5]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 6%] Creating directories for 'project_caf'
[ 6%] No download step for 'project_caf'
[ 6%] No patch step for 'project_caf'
[ 7%] No update step for 'project_caf'
[ 7%] No configure step for 'project_caf'
[ 7%] No build step for 'project_caf'

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[ 7%] No install step for 'project_caf'
[ 7%] Completed 'project_caf'
make[3]: Leaving directory '/tmp/zeek/build'
[ 7%] Built target project_caf
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 7%] Building C object aux/broker/CMakeFiles/broker.dir/3rdparty/sqlite3.c.o
[ 7%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/address.cc.o
[ 7%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/configuration.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/core_actor.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/data.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/defaults.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/abstract_backend.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/clone_actor.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/core_policy.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/data_generator.cc.o
/tmp/zeek/aux/broker/src/detail/data_generator.cc: In member function 'caf::error
broker::detail::data_generator::generate(broker::data&)':
/tmp/zeek/aux/broker/src/detail/data_generator.cc:76:25: warning: 'tag' may be used uninitialized in this function
[-Wmaybe-uninitialized]
   76 |     return generate(tag, x);
      |           ^
/tmp/zeek/aux/broker/src/detail/data_generator.cc: In member function 'caf::error
broker::detail::data_generator::generate(broker::internal_command::type, broker::internal_command&)':
/tmp/zeek/aux/broker/src/detail/data_generator.cc:144:19: warning: 'init_type' may be used uninitialized in this
function [-Wmaybe-uninitialized]
   144 |         x.content = add_command(std::move(key), std::move(val), init_type, nil);
      |                        ^~~~~~
/tmp/zeek/aux/broker/src/detail/data_generator.cc: In member function 'caf::error
broker::detail::data_generator::generate(broker::internal_command&)':
/tmp/zeek/aux/broker/src/detail/data_generator.cc:105:25: warning: 'tag' may be used uninitialized in this
function [-Wmaybe-uninitialized]
   105 |     return generate(tag, x);
      |           ^
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/filesystem.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/flare.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/flare_actor.cc.o
[ 8%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/generator_file_reader.cc.o
/tmp/zeek/aux/broker/src/detail/generator_file_reader.cc: In member function 'caf::error
broker::detail::generator_file_reader::read(broker::detail::generator_file_reader::value_type&)':
/tmp/zeek/aux/broker/src/detail/generator_file_reader.cc:63:5: warning: 'entry' may be used uninitialized in this
function [-Wmaybe-uninitialized]
   63 |     switch (entry) {
      |           ^~~~~~
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/generator_file_writer.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/make_backend.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/master_actor.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/master_resolver.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/memory_backend.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/meta_command_writer.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/meta_data_writer.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/network_cache.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/prefix_matcher.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/detail/sqlite_backend.cc.o
[ 9%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/endpoint.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/error.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/internal_command.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/mailbox.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/network_info.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/peer_status.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/port.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/publisher.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/status.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/status_subscriber.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/store.cc.o
[ 10%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/subnet.cc.o
[ 11%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/subscriber.cc.o
[ 11%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/time.cc.o
[ 11%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/topic.cc.o
[ 11%] Building CXX object aux/broker/CMakeFiles/broker.dir/src/version.cc.o
[ 11%] Linking CXX shared library lib/libbroker.so
make[3]: Leaving directory '/tmp/zeek/build'
[ 11%] Built target broker
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker-pipe
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 11%] Building CXX object aux/broker/CMakeFiles/broker-pipe.dir/src/broker-pipe.cc.o
[ 11%] Linking CXX executable bin/broker-pipe
make[3]: Leaving directory '/tmp/zeek/build'
[ 11%] Built target broker-pipe
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker-node
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 11%] Building CXX object aux/broker/CMakeFiles/broker-node.dir/src/broker-node.cc.o
[ 12%] Linking CXX executable bin/broker-node
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target broker-node

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make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target python-scripts-stage
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 12%] Staging Python scripts in /tmp/zeek/build/aux/broker/python/broker
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target python-scripts-stage
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target _broker
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 12%] Building CXX object aux/broker/bindings/python/CMakeFiles/_broker.dir/_broker.cpp.o
[ 12%] Building CXX object aux/broker/bindings/python/CMakeFiles/_broker.dir/data.cpp.o
[ 12%] Building CXX object aux/broker/bindings/python/CMakeFiles/_broker.dir/enums.cpp.o
[ 12%] Building CXX object aux/broker/bindings/python/CMakeFiles/_broker.dir/store.cpp.o
[ 12%] Building CXX object aux/broker/bindings/python/CMakeFiles/_broker.dir/zeek.cpp.o
[ 13%] Linking CXX shared module ../../python/broker/_broker.so
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target _broker
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker-benchmark
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-benchmark.dir/benchmark/broker-benchmark.cc.o
[ 13%] Linking CXX executable ../bin/broker-benchmark
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target broker-benchmark
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker-test
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/backend.cc.o
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/core.cc.o
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/data.cc.o
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/detail/data_generator.cc.o
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/detail/generator_file_writer.cc.o
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/detail/meta_command_writer.cc.o
/tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc: In member function 'T {anonymous}::fixture::pull()
[with T = broker::internal_command::type]':
/tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc:41:12: warning: 'result' may be used uninitialized in
this function [-Wmaybe-uninitialized]
    41 |         return result;
        |         ^~~~~~
/tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc: In member function 'T {anonymous}::fixture::pull()
[with T = broker::data::type]':
/tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc:41:12: warning: 'result' may be used uninitialized in
this function [-Wmaybe-uninitialized]
    41 |         return result;
        |         ^~~~~~
In file included from /tmp/zeek/aux/broker/tests/cpp/test.hh:7,
                 from /tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc:5:
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_test/caf/test/unit_test.hpp: In member function 'void
caf::test::test_impl<T>::run_test_impl() [with T = meta_command_writer_tests::{anonymous}::test120]':
/tmp/zeek/aux/broker/3rdparty/caf/libcaf_test/caf/test/unit_test.hpp:93:17: warning: 'result' may be used
uninitialized in this function [-Wmaybe-uninitialized]
    93 |         return x == y;
        |         ^
/tmp/zeek/aux/broker/tests/cpp/detail/meta_command_writer.cc:38:7: note: 'result' was declared here
    38 |         T result;
        |         ^~~~~~
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/detail/meta_data_writer.cc.o
/tmp/zeek/aux/broker/tests/cpp/detail/meta_data_writer.cc: In member function 'T {anonymous}::fixture::pull()
[with T = broker::data::type]':
/tmp/zeek/aux/broker/tests/cpp/detail/meta_data_writer.cc:38:12: warning: 'result' may be used uninitialized in
this function [-Wmaybe-uninitialized]
    38 |         return result;
        |         ^~~~~~
[ 13%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/integration.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/master.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/publisher.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/radix_tree.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/ssl.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/status_subscriber.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/store.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/subscriber.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/test.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/topic.cc.o
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-test.dir/cpp/zeek.cc.o
[ 14%] Linking CXX executable ../bin/broker-test
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-test
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target broker-cluster-benchmark
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 14%] Building CXX object aux/broker/tests/CMakeFiles/broker-cluster-benchmark.dir/benchmark/broker-cluster-
benchmark.cc.o
[ 14%] Linking CXX executable ../bin/broker-cluster-benchmark
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-cluster-benchmark
make[3]: Entering directory '/tmp/zeek/build'

```

```

Scanning dependencies of target ping
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 14%] Building CXX object aux/broker/doc/_examples/CMakeFiles/ping.dir/ping.cc.o
[ 14%] Linking CXX executable ../../bin/ping
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target ping
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target synopsis
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 14%] Building CXX object aux/broker/doc/_examples/CMakeFiles/synopsis.dir/synopsis.cc.o
[ 15%] Linking CXX executable ../../bin/synopsis
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target synopsis
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target comm
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] Building CXX object aux/broker/doc/_examples/CMakeFiles/comm.dir/comm.cc.o
[ 15%] Linking CXX executable ../../bin/comm
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target comm
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target stores
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] Building CXX object aux/broker/doc/_examples/CMakeFiles/stores.dir/stores.cc.o
[ 15%] Linking CXX executable ../../bin/stores
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target stores
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-probabilistic-top-k.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BIFCL] Processing top-k.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-alt-probabilistic-top-k.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-binpac_bro-lib.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BINPAC] Processing binpac_bro-lib.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac_bro-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-strings.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BIFCL] Processing strings.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-strings.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-binpac-lib.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BINPAC] Processing binpac-lib.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-option.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 15%] [BIFCL] Processing option.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-option.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-const.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 16%] [BIFCL] Processing const.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-const.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-stats.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 16%] [BIFCL] Processing stats.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-stats.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-zeek.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'

```

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[ 16%] [BIFCL] Processing zeek.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-zeek.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-reporter.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 16%] [BIFCL] Processing reporter.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-reporter.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-std-event.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 16%] [BIFCL] Processing event.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-event.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-analyzer-analyzer.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 16%] [BIFCL] Processing analyzer.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-alt-analyzer-analyzer.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_ARP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ARP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-aiya-aiya.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BINPAC] Processing aiya.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-aiya-aiya.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-bittorrent-bittorrent.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BINPAC] Processing bittorrent.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-bittorrent-bittorrent.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_BitTorrent-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_BitTorrent-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_ConnSize-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ConnSize-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_ConnSize-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 17%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ConnSize-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-dce-rpc-dce_rpc.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 18%] [BINPAC] Processing dce_rpc.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 18%] Built target pac-analyzer-protocol-dce-rpc-dce_rpc.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_DCE_RPC-consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 18%] [BIFCL] Processing consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 18%] Built target bif-plugin-Zeek_DCE_RPC-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_DCE_RPC-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 19%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 19%] Built target bif-plugin-Zeek_DCE_RPC-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_DCE_RPC-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'

```

[illegible]


```
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_GSSAPI-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-gtpv1-gtpv1.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BINPAC] Processing gtpv1.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target pac-analyzer-protocol-gtpv1-gtpv1.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_GTPV1-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_GTPV1-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_HTTP-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_HTTP-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_HTTP-functions.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing functions.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_HTTP-functions.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_ICMP-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_ICMP-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_Ident-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_Ident-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-imap-imap.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BINPAC] Processing imap.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target pac-analyzer-protocol-imap-imap.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_IMAP-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_IMAP-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_IRC-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_IRC-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-krb-krb_TCP.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BINPAC] Processing krb_TCP.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target pac-analyzer-protocol-krb-krb_TCP.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_KRB-types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 19%] [BIFCL] Processing types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 19%] Built target bif-plugin-Zeek_KRB-types.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_KRB-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 20%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 20%] Built target bif-plugin-Zeek_KRB-events.bif  
make[3]: Entering directory '/tmp/zeek/build'
```

```

[ 20%] [BINPAC] Processing krb.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-krb-krb.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Login-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Login-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Login-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Login-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_MIME-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MIME-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-modbus-modbus.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BINPAC] Processing modbus.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-modbus-modbus.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Modbus-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Modbus-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_MQTT-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MQTT-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-mqtt-mqtt.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BINPAC] Processing mqtt.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mqtt-mqtt.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_MQTT-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MQTT-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-mysql-mysql.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BINPAC] Processing mysql.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mysql-mysql.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_MySQL-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 20%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MySQL-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-ncp-ncp.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 21%] [BINPAC] Processing ncp.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target pac-analyzer-protocol-ncp-ncp.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_NCP-consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 21%] [BIFCL] Processing consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NCP-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_NCP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'

```

```
[ 21%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 21%] Built target bif-plugin-Zeek_NCP-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NetBIOS-functions.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 21%] [BIFCL] Processing functions.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 21%] Built target bif-plugin-Zeek_NetBIOS-functions.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NetBIOS-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 21%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 21%] Built target bif-plugin-Zeek_NetBIOS-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-ntlm-ntlm.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 21%] [BINPAC] Processing ntlm.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 21%] Built target pac-analyzer-protocol-ntlm-ntlm.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NTLM-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_NTLM-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NTLM-types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_NTLM-types.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NTP-types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing types.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_NTP-types.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_NTP-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_NTP-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-ntp-ntp.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BINPAC] Processing ntp.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target pac-analyzer-protocol-ntp-ntp.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_POP3-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_POP3-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target bif-plugin-Zeek_RADIUS-events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BIFCL] Processing events.bif  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target bif-plugin-Zeek_RADIUS-events.bif  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-radius-radius.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BINPAC] Processing radius.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target pac-analyzer-protocol-radius-radius.pac  
make[3]: Entering directory '/tmp/zeek/build'  
Scanning dependencies of target pac-analyzer-protocol-rdp-rdp.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
make[3]: Entering directory '/tmp/zeek/build'  
[ 22%] [BINPAC] Processing rdp.pac  
make[3]: Leaving directory '/tmp/zeek/build'  
[ 22%] Built target pac-analyzer-protocol-rdp-rdp.pac  
make[3]: Entering directory '/tmp/zeek/build'
```

```

[ 22%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_RDP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_RDP-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RDP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-rfb-rfb.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BINPAC] Processing rfb.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-rfb-rfb.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_RFB-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RFB-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_RPC-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RPC-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-sip-sip_TCP.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BINPAC] Processing sip_TCP.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-sip-sip_TCP.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SIP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_SIP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-sip-sip.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BINPAC] Processing sip.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-sip-sip.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-smb-smb.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BINPAC] Processing smb.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-smb-smb.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_SMB-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb2_com_transform_header.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing smb2_com_transform_header.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_SMB-smb2_com_transform_header.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb2_com_tree_disconnect.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing smb2_com_tree_disconnect.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_SMB-smb2_com_tree_disconnect.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb1_com_session_setup_andx.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 23%] [BIFCL] Processing smb1_com_session_setup_andx.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_SMB-smb1_com_session_setup_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb1_com_query_information.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'

```

[illegible]

[illegible]

```
[ 26%] [BIFCL] Processing smb2_com_set_info.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb2_com_set_info.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb2_com_close.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing smb2_com_close.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb2_com_close.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMB-smb1_com_transaction2_secondary.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing smb1_com_transaction2_secondary.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb1_com_transaction2_secondary.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMTP-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMTP-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SMTP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMTP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-snmp-snmp.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BINPAC] Processing snmp.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target pac-analyzer-protocol-snmp-snmp.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SNMP-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SNMP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SNMP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SNMP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-socks-socks.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BINPAC] Processing socks.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target pac-analyzer-protocol-socks-socks.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SOCKS-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 26%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SOCKS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-ssh-ssh.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BINPAC] Processing ssh.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssh-ssh.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSH-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSH-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSH-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSH-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSL-consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
```

```
[ 27%] [BIFCL] Processing consts.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSL-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSL-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-ssl-tls-handshake.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BINPAC] Processing tls-handshake.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-tls-handshake.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SSL-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-ssl-ssl.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BINPAC] Processing ssl.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-ssl.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-ssl-dtls.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BINPAC] Processing dtls.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-dtls.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SteppingStone-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SteppingStone-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Syslog-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_Syslog-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-syslog-syslog.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 27%] [BINPAC] Processing syslog.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-syslog-syslog.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_TCP-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_TCP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_TCP-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Teredo-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
```



```
[ 28%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_Teredo-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_UDP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_UDP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_VXLAN-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_VXLAN-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-analyzer-protocol-xmpp-xmpp.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BINPAC] Processing xmpp.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target pac-analyzer-protocol-xmpp-xmpp.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_XMPP-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_XMPP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-broker-store.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing store.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-store.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-broker-messaging.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing messaging.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-messaging.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-broker-comm.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 28%] [BIFCL] Processing comm.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-comm.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-broker-data.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 29%] [BIFCL] Processing data.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-broker-data.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-zeekygen-zeekygen.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 29%] [BIFCL] Processing zeekygen.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-zeekygen-zeekygen.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-file_analysis-file_analysis.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 29%] [BIFCL] Processing file_analysis.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-file_analysis-file_analysis.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_FileEntropy-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 29%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileEntropy-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_FileExtract-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 29%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_FileExtract-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
```

```
[ 29%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_FileHash-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_FileHash-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-file_analysis-analyzer-pe-pe.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BINPAC] Processing pe.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-pe-pe.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_PE-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_PE-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Unified2-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-file_analysis-analyzer-unified2-unified2.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BINPAC] Processing unified2.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-unified2-unified2.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_Unified2-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target pac-file_analysis-analyzer-x509-x509-extension.pac
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BINPAC] Processing x509-extension.pac
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-x509-x509-extension.pac
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_X509-ocsp_events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing ocsp_events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-ocsp_events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_X509-events.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing events.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-events.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_X509-functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing functions.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_X509-types.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing types.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-types.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-input-input.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing input.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-input-input.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_AsciiReader-ascii.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
```

```
[ 30%] [BIFCL] Processing ascii.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiReader-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_BenchmarkReader-benchmark.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing benchmark.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BenchmarkReader-benchmark.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_BinaryReader-binary.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing binary.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BinaryReader-binary.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_ConfigReader-config.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing config.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_ConfigReader-config.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_RawReader-raw.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing raw.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_RawReader-raw.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SQLiteReader-sqlite.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing sqlite.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_SQLiteReader-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-iosource-pcap-pcap.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing pcap.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-iosource-pcap-pcap.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-logging-logging.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing logging.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-logging-logging.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_AsciiWriter-ascii.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing ascii.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiWriter-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_NoneWriter-none.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 30%] [BIFCL] Processing none.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_NoneWriter-none.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-plugin-Zeek_SQLiteWriter-sqlite.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] [BIFCL] Processing sqlite.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-plugin-Zeek_SQLiteWriter-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-probabilistic-cardinality-counter.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] [BIFCL] Processing cardinality-counter.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-cardinality-counter.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif-alt-probabilistic-bloom-filter.bif
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] [BIFCL] Processing bloom-filter.bif
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-bloom-filter.bif
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target generate_outputs_stagel
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stagel
```

```
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target generate_outputs_stage2b
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2b
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target generate_outputs_stage2a
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2a
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target generate_outputs
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_probabilistic
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/BitVector.cc.o
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/BloomFilter.cc.o
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/CardinalityCounter.cc.o
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/CounterVector.cc.o
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/Hasher.cc.o
[ 31%] Building CXX object src/probabilistic/CMakeFiles/bro_probabilistic.dir/Topk.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_probabilistic
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_analyzer
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] Building CXX object src/analyzer/CMakeFiles/bro_analyzer.dir/Analyzer.cc.o
[ 31%] Building CXX object src/analyzer/CMakeFiles/bro_analyzer.dir/Manager.cc.o
[ 31%] Building CXX object src/analyzer/CMakeFiles/bro_analyzer.dir/Component.cc.o
[ 31%] Building CXX object src/analyzer/CMakeFiles/bro_analyzer.dir/Tag.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_analyzer
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-ARP
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 31%] Building CXX object src/analyzer/protocol/arp/CMakeFiles/plugin-Zeek-ARP.dir/ARP.cc.o
[ 31%] Building CXX object src/analyzer/protocol/arp/CMakeFiles/plugin-Zeek-ARP.dir/Plugin.cc.o
[ 32%] Building CXX object src/analyzer/protocol/arp/CMakeFiles/plugin-Zeek-ARP.dir/events.bif.cc.o
[ 32%] Building CXX object src/analyzer/protocol/arp/CMakeFiles/plugin-Zeek-ARP.dir/events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-ARP
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-AYIYA
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 32%] Building CXX object src/analyzer/protocol/ayiya/CMakeFiles/plugin-Zeek-AYIYA.dir/AYIYA.cc.o
[ 32%] Building CXX object src/analyzer/protocol/ayiya/CMakeFiles/plugin-Zeek-AYIYA.dir/Plugin.cc.o
[ 32%] Building CXX object src/analyzer/protocol/ayiya/CMakeFiles/plugin-Zeek-AYIYA.dir/ayiya_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-AYIYA
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-BitTorrent
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 32%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/BitTorrent.cc.o
[ 32%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/BitTorrentTracker.cc.o
[ 32%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/Plugin.cc.o
[ 32%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/events.bif.cc.o
[ 32%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/events.bif.init.cc.o
[ 33%] Building CXX object src/analyzer/protocol/bittorrent/CMakeFiles/plugin-Zeek-BitTorrent.dir/bittorrent_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 33%] Built target plugin-Zeek-BitTorrent
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-ConnSize
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 33%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/ConnSize.cc.o
[ 33%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/Plugin.cc.o
[ 33%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/events.bif.cc.o
[ 34%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/events.bif.init.cc.o
[ 34%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/functions.bif.cc.o
[ 34%] Building CXX object src/analyzer/protocol/conn-size/CMakeFiles/plugin-Zeek-ConnSize.dir/functions.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 34%] Built target plugin-Zeek-ConnSize
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-DCE_RPC
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 34%] Building CXX object src/analyzer/protocol/dce-rpc/CMakeFiles/plugin-Zeek-DCE_RPC.dir/DCE_RPC.cc.o
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
make[3]: Leaving directory '/tmp/zeek/build'
[ 70%] Built target plugin-Zeek-SSL
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-SteppingStone
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 70%] Building CXX object src/analyzer/protocol/stepping-stone/CMakeFiles/plugin-Zeek-SteppingStone.dir/SteppingStone.cc.o
[ 70%] Building CXX object src/analyzer/protocol/stepping-stone/CMakeFiles/plugin-Zeek-SteppingStone.dir/Plugin.cc.o
[ 70%] Building CXX object src/analyzer/protocol/stepping-stone/CMakeFiles/plugin-Zeek-SteppingStone.dir/events.bif.cc.o
[ 70%] Building CXX object src/analyzer/protocol/stepping-stone/CMakeFiles/plugin-Zeek-SteppingStone.dir/events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 70%] Built target plugin-Zeek-SteppingStone
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-Syslog
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 70%] Building CXX object src/analyzer/protocol/syslog/CMakeFiles/plugin-Zeek-Syslog.dir/Syslog.cc.o
[ 70%] Building CXX object src/analyzer/protocol/syslog/CMakeFiles/plugin-Zeek-Syslog.dir/Plugin.cc.o
[ 70%] Building CXX object src/analyzer/protocol/syslog/CMakeFiles/plugin-Zeek-Syslog.dir/events.bif.cc.o
[ 70%] Building CXX object src/analyzer/protocol/syslog/CMakeFiles/plugin-Zeek-Syslog.dir/events.bif.init.cc.o
[ 70%] Building CXX object src/analyzer/protocol/syslog/CMakeFiles/plugin-Zeek-Syslog.dir/syslog_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 71%] Built target plugin-Zeek-Syslog
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-TCP
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 71%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/TCP.cc.o
[ 71%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/TCP_Endpoint.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/TCP_Reassembler.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/ContentLine.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/Stats.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/Plugin.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/events.bif.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/events.bif.init.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/types.bif.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/types.bif.init.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/functions.bif.cc.o
[ 72%] Building CXX object src/analyzer/protocol/tcp/CMakeFiles/plugin-Zeek-TCP.dir/functions.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 72%] Built target plugin-Zeek-TCP
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-Teredo
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 73%] Building CXX object src/analyzer/protocol/teredo/CMakeFiles/plugin-Zeek-Teredo.dir/Teredo.cc.o
[ 73%] Building CXX object src/analyzer/protocol/teredo/CMakeFiles/plugin-Zeek-Teredo.dir/Plugin.cc.o
[ 73%] Building CXX object src/analyzer/protocol/teredo/CMakeFiles/plugin-Zeek-Teredo.dir/events.bif.cc.o
[ 73%] Building CXX object src/analyzer/protocol/teredo/CMakeFiles/plugin-Zeek-Teredo.dir/events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 73%] Built target plugin-Zeek-Teredo
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-UDP
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 73%] Building CXX object src/analyzer/protocol/udp/CMakeFiles/plugin-Zeek-UDP.dir/UDP.cc.o
[ 73%] Building CXX object src/analyzer/protocol/udp/CMakeFiles/plugin-Zeek-UDP.dir/Plugin.cc.o
[ 73%] Building CXX object src/analyzer/protocol/udp/CMakeFiles/plugin-Zeek-UDP.dir/events.bif.cc.o
[ 73%] Building CXX object src/analyzer/protocol/udp/CMakeFiles/plugin-Zeek-UDP.dir/events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 73%] Built target plugin-Zeek-UDP
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-VXLAN
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 73%] Building CXX object src/analyzer/protocol/vxlan/CMakeFiles/plugin-Zeek-VXLAN.dir/VXLAN.cc.o
[ 73%] Building CXX object src/analyzer/protocol/vxlan/CMakeFiles/plugin-Zeek-VXLAN.dir/Plugin.cc.o
[ 74%] Building CXX object src/analyzer/protocol/vxlan/CMakeFiles/plugin-Zeek-VXLAN.dir/events.bif.cc.o
[ 74%] Building CXX object src/analyzer/protocol/vxlan/CMakeFiles/plugin-Zeek-VXLAN.dir/events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 74%] Built target plugin-Zeek-VXLAN
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-XMPP
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 75%] Building CXX object src/analyzer/protocol/xmpp/CMakeFiles/plugin-Zeek-XMPP.dir/Plugin.cc.o
[ 75%] Building CXX object src/analyzer/protocol/xmpp/CMakeFiles/plugin-Zeek-XMPP.dir/XMPP.cc.o
[ 75%] Building CXX object src/analyzer/protocol/xmpp/CMakeFiles/plugin-Zeek-XMPP.dir/events.bif.cc.o
[ 75%] Building CXX object src/analyzer/protocol/xmpp/CMakeFiles/plugin-Zeek-XMPP.dir/events.bif.init.cc.o
[ 75%] Building CXX object src/analyzer/protocol/xmpp/CMakeFiles/plugin-Zeek-XMPP.dir/xmpp_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-XMPP
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-ZIP
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 75%] Building CXX object src/analyzer/protocol/zip/CMakeFiles/plugin-Zeek-ZIP.dir/ZIP.cc.o
```

```
[ 75%] Building CXX object src/analyzer/protocol/zip/CMakeFiles/plugin-Zeek-ZIP.dir/Plugin.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-ZIP
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_brokercomm
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 76%] Building CXX object src/broker/CMakeFiles/bro_brokercomm.dir/Data.cc.o
[ 76%] Building CXX object src/broker/CMakeFiles/bro_brokercomm.dir/Manager.cc.o
[ 76%] Building CXX object src/broker/CMakeFiles/bro_brokercomm.dir/Store.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 76%] Built target bro_brokercomm
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_zeekygen
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/Manager.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/PackageInfo.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/ScriptInfo.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/IdentifierInfo.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/Target.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/Configuration.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/ReStructuredTextTable.cc.o
[ 77%] Building CXX object src/zeekygen/CMakeFiles/bro_zeekygen.dir/Utils.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_zeekygen
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_file_analysis
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/Manager.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/File.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/FileTimer.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/FileReassembler.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/Analyzer.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/AnalyzerSet.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/Component.cc.o
[ 77%] Building CXX object src/file_analysis/CMakeFiles/bro_file_analysis.dir/Tag.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_file_analysis
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-FileDataEvent
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 77%] Building CXX object src/file_analysis/analyzer/data_event/CMakeFiles/plugin-Zeek-FileDataEvent.dir/
DataEvent.cc.o
[ 77%] Building CXX object src/file_analysis/analyzer/data_event/CMakeFiles/plugin-Zeek-FileDataEvent.dir/
Plugin.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target plugin-Zeek-FileDataEvent
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-FileEntropy
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 77%] Building CXX object src/file_analysis/analyzer/entropy/CMakeFiles/plugin-Zeek-FileEntropy.dir/Entropy.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/entropy/CMakeFiles/plugin-Zeek-FileEntropy.dir/Plugin.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/entropy/CMakeFiles/plugin-Zeek-FileEntropy.dir/
events.bif.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/entropy/CMakeFiles/plugin-Zeek-FileEntropy.dir/
events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileEntropy
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-FileExtract
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/Extract.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/Plugin.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/
events.bif.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/
events.bif.init.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/
functions.bif.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/extract/CMakeFiles/plugin-Zeek-FileExtract.dir/
functions.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileExtract
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-FileHash
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 78%] Building CXX object src/file_analysis/analyzer/hash/CMakeFiles/plugin-Zeek-FileHash.dir/Hash.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/hash/CMakeFiles/plugin-Zeek-FileHash.dir/Plugin.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/hash/CMakeFiles/plugin-Zeek-FileHash.dir/events.bif.cc.o
[ 78%] Building CXX object src/file_analysis/analyzer/hash/CMakeFiles/plugin-Zeek-FileHash.dir/
events.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-FileHash
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-PE
```

```
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 79%] Building CXX object src/file_analysis/analyzer/pe/CMakeFiles/plugin-Zeek-PE.dir/PE.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/pe/CMakeFiles/plugin-Zeek-PE.dir/Plugin.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/pe/CMakeFiles/plugin-Zeek-PE.dir/events.bif.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/pe/CMakeFiles/plugin-Zeek-PE.dir/events.bif.init.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/pe/CMakeFiles/plugin-Zeek-PE.dir/pe_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-PE
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-Unified2
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/Unified2.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/Plugin.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/events.bif.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/events.bif.init.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/types.bif.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/types.bif.init.cc.o
[ 79%] Building CXX object src/file_analysis/analyzer/unified2/CMakeFiles/plugin-Zeek-Unified2.dir/unified2_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 80%] Built target plugin-Zeek-Unified2
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-X509
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 80%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/X509Common.cc.o
[ 80%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/X509.cc.o
[ 80%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/OCSP.cc.o
[ 80%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/Plugin.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/events.bif.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/events.bif.init.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/types.bif.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/types.bif.init.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/functions.bif.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/functions.bif.init.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/ocsp_events.bif.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/ocsp_events.bif.init.cc.o
[ 81%] Building CXX object src/file_analysis/analyzer/x509/CMakeFiles/plugin-Zeek-X509.dir/x509-extension_pac.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 81%] Built target plugin-Zeek-X509
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_input
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 82%] Building CXX object src/input/CMakeFiles/bro_input.dir/Component.cc.o
[ 82%] Building CXX object src/input/CMakeFiles/bro_input.dir/Manager.cc.o
[ 82%] Building CXX object src/input/CMakeFiles/bro_input.dir/ReaderBackend.cc.o
[ 82%] Building CXX object src/input/CMakeFiles/bro_input.dir/ReaderFrontend.cc.o
[ 82%] Building CXX object src/input/CMakeFiles/bro_input.dir/Tag.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target bro_input
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-AsciiReader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 82%] Building CXX object src/input/readers/ascii/CMakeFiles/plugin-Zeek-AsciiReader.dir/Ascii.cc.o
[ 82%] Building CXX object src/input/readers/ascii/CMakeFiles/plugin-Zeek-AsciiReader.dir/Plugin.cc.o
[ 82%] Building CXX object src/input/readers/ascii/CMakeFiles/plugin-Zeek-AsciiReader.dir/ascii.bif.cc.o
[ 82%] Building CXX object src/input/readers/ascii/CMakeFiles/plugin-Zeek-AsciiReader.dir/ascii.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-AsciiReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-BenchmarkReader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 82%] Building CXX object src/input/readers/benchmark/CMakeFiles/plugin-Zeek-BenchmarkReader.dir/Benchmark.cc.o
[ 82%] Building CXX object src/input/readers/benchmark/CMakeFiles/plugin-Zeek-BenchmarkReader.dir/Plugin.cc.o
[ 82%] Building CXX object src/input/readers/benchmark/CMakeFiles/plugin-Zeek-BenchmarkReader.dir/benchmark.bif.cc.o
[ 82%] Building CXX object src/input/readers/benchmark/CMakeFiles/plugin-Zeek-BenchmarkReader.dir/benchmark.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-BenchmarkReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-BinaryReader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 83%] Building CXX object src/input/readers/binary/CMakeFiles/plugin-Zeek-BinaryReader.dir/Binary.cc.o
[ 83%] Building CXX object src/input/readers/binary/CMakeFiles/plugin-Zeek-BinaryReader.dir/Plugin.cc.o
[ 83%] Building CXX object src/input/readers/binary/CMakeFiles/plugin-Zeek-BinaryReader.dir/binary.bif.cc.o
[ 83%] Building CXX object src/input/readers/binary/CMakeFiles/plugin-Zeek-BinaryReader.dir/binary.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-BinaryReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-ConfigReader
```

```
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 83%] Building CXX object src/input/readers/config/CMakeFiles/plugin-Zeek-ConfigReader.dir/Config.cc.o
[ 83%] Building CXX object src/input/readers/config/CMakeFiles/plugin-Zeek-ConfigReader.dir/Plugin.cc.o
[ 83%] Building CXX object src/input/readers/config/CMakeFiles/plugin-Zeek-ConfigReader.dir/config.bif.cc.o
[ 83%] Building CXX object src/input/readers/config/CMakeFiles/plugin-Zeek-ConfigReader.dir/config.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-ConfigReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-RawReader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 83%] Building CXX object src/input/readers/raw/CMakeFiles/plugin-Zeek-RawReader.dir/Raw.cc.o
[ 83%] Building CXX object src/input/readers/raw/CMakeFiles/plugin-Zeek-RawReader.dir/Plugin.cc.o
[ 84%] Building CXX object src/input/readers/raw/CMakeFiles/plugin-Zeek-RawReader.dir/raw.bif.cc.o
[ 84%] Building CXX object src/input/readers/raw/CMakeFiles/plugin-Zeek-RawReader.dir/raw.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 84%] Built target plugin-Zeek-RawReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-SQLiteReader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 84%] Building CXX object src/input/readers/sqlite/CMakeFiles/plugin-Zeek-SQLiteReader.dir/SQLite.cc.o
[ 84%] Building CXX object src/input/readers/sqlite/CMakeFiles/plugin-Zeek-SQLiteReader.dir/Plugin.cc.o
[ 85%] Building CXX object src/input/readers/sqlite/CMakeFiles/plugin-Zeek-SQLiteReader.dir/sqlite.bif.cc.o
[ 85%] Building CXX object src/input/readers/sqlite/CMakeFiles/plugin-Zeek-SQLiteReader.dir/sqlite.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-SQLiteReader
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_iosource
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/BPF_Program.cc.o
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/Component.cc.o
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/Manager.cc.o
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/Packet.cc.o
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/PktDumper.cc.o
[ 85%] Building CXX object src/iosource/CMakeFiles/bro_iosource.dir/PktSrc.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target bro_iosource
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-Pcap
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 85%] Building CXX object src/iosource/pcap/CMakeFiles/plugin-Zeek-Pcap.dir/Source.cc.o
[ 85%] Building CXX object src/iosource/pcap/CMakeFiles/plugin-Zeek-Pcap.dir/Dumper.cc.o
[ 85%] Building CXX object src/iosource/pcap/CMakeFiles/plugin-Zeek-Pcap.dir/Plugin.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-Pcap
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bro_logging
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 86%] Building CXX object src/logging/CMakeFiles/bro_logging.dir/Component.cc.o
[ 86%] Building CXX object src/logging/CMakeFiles/bro_logging.dir/Manager.cc.o
[ 86%] Building CXX object src/logging/CMakeFiles/bro_logging.dir/WriterBackend.cc.o
[ 86%] Building CXX object src/logging/CMakeFiles/bro_logging.dir/WriterFrontend.cc.o
[ 86%] Building CXX object src/logging/CMakeFiles/bro_logging.dir/Tag.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 86%] Built target bro_logging
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-AsciiWriter
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 86%] Building CXX object src/logging/writers/ascii/CMakeFiles/plugin-Zeek-AsciiWriter.dir/Ascii.cc.o
[ 86%] Building CXX object src/logging/writers/ascii/CMakeFiles/plugin-Zeek-AsciiWriter.dir/Plugin.cc.o
[ 86%] Building CXX object src/logging/writers/ascii/CMakeFiles/plugin-Zeek-AsciiWriter.dir/ascii.bif.cc.o
[ 86%] Building CXX object src/logging/writers/ascii/CMakeFiles/plugin-Zeek-AsciiWriter.dir/ascii.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 87%] Built target plugin-Zeek-AsciiWriter
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-NoneWriter
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 87%] Building CXX object src/logging/writers/none/CMakeFiles/plugin-Zeek-NoneWriter.dir/None.cc.o
[ 87%] Building CXX object src/logging/writers/none/CMakeFiles/plugin-Zeek-NoneWriter.dir/Plugin.cc.o
[ 88%] Building CXX object src/logging/writers/none/CMakeFiles/plugin-Zeek-NoneWriter.dir/none.bif.cc.o
[ 88%] Building CXX object src/logging/writers/none/CMakeFiles/plugin-Zeek-NoneWriter.dir/none.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-NoneWriter
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target plugin-Zeek-SQLiteWriter
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 88%] Building CXX object src/logging/writers/sqlite/CMakeFiles/plugin-Zeek-SQLiteWriter.dir/SQLite.cc.o
[ 88%] Building CXX object src/logging/writers/sqlite/CMakeFiles/plugin-Zeek-SQLiteWriter.dir/Plugin.cc.o
[ 88%] Building CXX object src/logging/writers/sqlite/CMakeFiles/plugin-Zeek-SQLiteWriter.dir/sqlite.bif.cc.o
[ 88%] Building CXX object src/logging/writers/sqlite/CMakeFiles/plugin-Zeek-SQLiteWriter.dir/sqlite.bif.init.cc.o
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-SQLiteWriter
make[3]: Entering directory '/tmp/zeek/build'
```

```
Scanning dependencies of target bif_loader_plugins
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader_plugins
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target bif_loader
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader
make[3]: Entering directory '/tmp/zeek/build'
[ 88%] [BISON][Parser] Building parser with bison 3.4.1
[ 88%] [BISON][RuleParser] Building parser with bison 3.4.1
[ 88%] [sed] replacing stuff in /tmp/zeek/build/src/rup.cc
[ 88%] [sed] replacing stuff in /tmp/zeek/build/src/rup.h
[ 88%] [BISON][REParser] Building parser with bison 3.4.1
[ 88%] [sed] replacing stuff in /tmp/zeek/build/src/rep.cc
[ 88%] [sed] replacing stuff in /tmp/zeek/build/src/p.cc
[ 88%] [FLEX][RuleScanner] Building scanner with flex 2.6.4
[ 88%] [FLEX][REScanner] Building scanner with flex 2.6.4
[ 88%] [FLEX][Scanner] Building scanner with flex 2.6.4
[ 89%] [Python] Processing debug commands
Scanning dependencies of target zeek
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 89%] Building C object src/CMakeFiles/zeek.dir/version.c.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/binpac-lib_pac.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/binpac_bro-lib_pac.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/rule-parse.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/re-parse.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/parse.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/rule-scan.cc.o
[ 89%] Building CXX object src/CMakeFiles/zeek.dir/re-scan.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/scan.cc.o
[ 90%] Building C object src/CMakeFiles/zeek.dir/3rdparty/sqlite3.c.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/main.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/net_util.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/util.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/module_util.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/Anon.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/Attr.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/Base64.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/Brofiler.cc.o
[ 90%] Building CXX object src/CMakeFiles/zeek.dir/BroString.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/CCL.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/CompHash.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/Conn.cc.o
[ 91%] Building C object src/CMakeFiles/zeek.dir/ConvertUTF.c.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DFA.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DbgBreakpoint.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DbgHelp.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DbgWatch.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/Debug.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DebugCmds.cc.o
[ 91%] Building CXX object src/CMakeFiles/zeek.dir/DebugLogger.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/Desc.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/Dict.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/Discard.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/DNS_Mgr.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/EquivClass.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/Event.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/EventHandler.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/EventLauncher.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/EventRegistry.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/Expr.cc.o
[ 92%] Building CXX object src/CMakeFiles/zeek.dir/File.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Flare.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Frag.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Frame.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Func.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Hash.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/ID.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/IntSet.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/IP.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/IPAddr.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/Reporter.cc.o
[ 93%] Building CXX object src/CMakeFiles/zeek.dir/NFA.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/Net.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/NetVar.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/Obj.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/OpaqueVal.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/PacketFilter.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/Pipe.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/PolicyFile.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/PrefixTable.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/PriorityQueue.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/RandTest.cc.o
[ 94%] Building CXX object src/CMakeFiles/zeek.dir/RE.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Reassem.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Rule.cc.o
```

```

[ 95%] Building CXX object src/CMakeFiles/zeek.dir/RuleAction.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/RuleCondition.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/RuleMatcher.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/SmithWaterman.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Scope.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/SerializationFormat.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Sessions.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Notifier.cc.o
[ 95%] Building CXX object src/CMakeFiles/zeek.dir/Stats.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Stmt.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Tag.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Timer.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Traverse.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Trigger.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/TunnelEncapsulation.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Type.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/UID.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Val.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/Var.cc.o
[ 96%] Building CXX object src/CMakeFiles/zeek.dir/WeirdState.cc.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/bsd-getopt-long.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/bro_inet_ntop.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/cq.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/patricia.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/setsignal.c.o
[ 97%] Building CXX object src/CMakeFiles/zeek.dir/PacketDumper.cc.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/strsep.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/modp_numtoa.c.o
[ 97%] Building C object src/CMakeFiles/zeek.dir/siphash24.c.o
[ 97%] Building CXX object src/CMakeFiles/zeek.dir/threading/BasicThread.cc.o
[ 97%] Building CXX object src/CMakeFiles/zeek.dir/threading/Formatter.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/threading/Manager.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/threading/MsgThread.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/threading/SerialTypes.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/threading/formatters/Ascii.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/threading/formatters/JSON.cc.o
/tmp/zeek/src/threading/formatters/JSON.cc: In member function 'threading::formatter::ZeekJson
threading::formatter::JSON::BuildJSON(threading::Value*, const string&) const':
/tmp/zeek/src/threading/formatters/JSON.cc:138:45: warning: '%06.0f' directive output may be truncated writing
between 6 and 310 bytes into a region of size between 0 and 39 [-Wformat-truncation=]
  138 |         snprintf(buffer2, sizeof(buffer2), "%s.%06.0fZ", buffer, fabs(frac) * 1000000);
      |                                     ^~~~~~
In file included from /usr/include/stdio.h:867,
               from /usr/include/c++/9/cstdio:42,
               from /usr/include/c++/9/ext/string_conversions.h:43,
               from /usr/include/c++/9/bits/basic_string.h:6493,
               from /usr/include/c++/9/string:55,
               from /usr/include/c++/9/bits/locale_classes.h:40,
               from /usr/include/c++/9/bits/ios_base.h:41,
               from /usr/include/c++/9/ios:42,
               from /usr/include/c++/9/istream:38,
               from /usr/include/c++/9/ostream:38,
               from /tmp/zeek/src/threading/formatters/JSON.cc:9:
/usr/include/x86_64-linux-gnu/bits/stdio2.h:67:35: note: '__builtin___snprintf_chk' output between 9 and 352 bytes
into a destination of size 40
   67 |     return __builtin___snprintf_chk (__s, __n, __USE_FORTIFY_LEVEL - 1,
      |                                ~~~~~^~~~~~
   68 |     __bos(__s), __fmt, __va_arg_pack ());
      |                                ~~~~~~
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/plugin/Component.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/plugin/Manager.cc.o
[ 98%] Building CXX object src/CMakeFiles/zeek.dir/plugin/Plugin.cc.o
[ 98%] Building C object src/CMakeFiles/zeek.dir/nb_dns.c.o
[ 98%] Linking CXX executable zeek
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target zeek
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target SubnetTree_swig_compilation
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 98%] Swig compile SubnetTree.i for python
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target SubnetTree_swig_compilation
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target _SubnetTree
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 98%] Building CXX object aux/zeekctl/aux/pysubnettree/CMakeFiles/_SubnetTree.dir/CMakeFiles/_SubnetTree.dir/
SubnetTreePYTHON_wrap.cxx.o
[ 98%] Building CXX object aux/zeekctl/aux/pysubnettree/CMakeFiles/_SubnetTree.dir/SubnetTree.cc.o
[ 98%] Building C object aux/zeekctl/aux/pysubnettree/CMakeFiles/_SubnetTree.dir/patricia.c.o
[ 98%] Linking CXX shared module _SubnetTree.so
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target _SubnetTree
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target capstats
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 99%] Building CXX object aux/zeekctl/aux/capstats/CMakeFiles/capstats.dir/capstats.cc.o
[ 99%] Building CXX object aux/zeekctl/aux/capstats/CMakeFiles/capstats.dir/version.cc.o
[ 99%] Linking CXX executable capstats

```



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make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target capstats
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target adtrace
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 99%] Building C object aux/zeek-aux/adtrace/CMakeFiles/adtrace.dir/adtrace.c.o
[ 99%] Linking C executable adtrace
make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target adtrace
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target zeek-cut
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 99%] Building C object aux/zeek-aux/zeek-cut/CMakeFiles/zeek-cut.dir/zeek-cut.c.o
[100%] Linking C executable zeek-cut
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target zeek-cut
make[3]: Entering directory '/tmp/zeek/build'
Scanning dependencies of target rst
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[100%] Building C object aux/zeek-aux/rst/CMakeFiles/rst.dir/rst.c.o
/tmp/zeek/aux/zeek-aux/rst/rst.c: In function 'main':
/tmp/zeek/aux/zeek-aux/rst/rst.c:370:2: warning: ignoring return value of 'setuid', declared with attribute
warn_unused_result [-Wunused-result]
  370 |   setuid(getuid());
      |   ^~~~~~
/tmp/zeek/aux/zeek-aux/rst/rst.c: In function 'tcp_checksum':
/tmp/zeek/aux/zeek-aux/rst/rst.c:135:17: warning: 'addl_pseudo' is used uninitialized in this function [-
Wuninitialized]
  135 |   u_int32_t sum, addl_pseudo;
      |   ^~~~~~
[100%] Linking C executable rst
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target rst
make[2]: Leaving directory '/tmp/zeek/build'
make[1]: Leaving directory '/tmp/zeek/build'
root@vm07pec4zeek:/tmp/zeek#
root@vm07pec4zeek:/tmp/zeek# make install
make -C build all
make[1]: Entering directory '/tmp/zeek/build'
make[2]: Entering directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 0%] Built target binpac_lib
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 4%] Built target binpac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target bifcl
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target ahocorasick
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob-test
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 6%] Building CAF
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[5]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target caf-generate-enum-strings
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target libcaf_core
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_core_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_io
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_io_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_openssl
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 98%] Built target libcaf_openssl_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[100%] Built target caf-generate-rst

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make[5]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 6%] Completed 'project_caf'
make[3]: Leaving directory '/tmp/zeek/build'
[ 7%] Built target project_caf
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 11%] Built target broker
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 11%] Built target broker-pipe
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target broker-node
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 12%] Staging Python scripts in /tmp/zeek/build/aux/broker/python/broker
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target python-scripts-stage
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target _broker
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target broker-benchmark
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-test
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-cluster-benchmark
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target ping
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target synopsis
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target comm
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target stores
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-alt-probabilistic-top-k.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac_bro-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-strings.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-option.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-const.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-stats.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-zeek.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-reporter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-event.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-alt-analyzer-analyzer.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ARP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-aiya-aiya.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-bittorrent-bittorrent.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
```

[illegible]

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make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_KRB-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-krb-krb.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Login-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Login-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MIME-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-modbus-modbus.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Modbus-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MQTT-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mqtt-mqtt.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MQTT-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mysql-mysql.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MySQL-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target pac-analyzer-protocol-ncp-ncp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NCP-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NCP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NetBIOS-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NetBIOS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target pac-analyzer-protocol-ntlm-ntlm.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTLM-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTLM-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-ntp-ntp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_POP3-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_RADIUS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-radius-radius.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-rdp-rdp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RDP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-rfb-rfb.pac
make[3]: Entering directory '/tmp/zeek/build'

```

[illegible]

```
[ 25%] Built target bif-plugin-Zeek_SMB-smb1_com_logoff_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 25%] Built target bif-plugin-Zeek_SMB-smb1_com_write_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 25%] Built target bif-plugin-Zeek_SMB-smb1_com_close.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb1_com_tree_connect_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb1_com_transaction.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb1_com_transaction2.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb2_com_set_info.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb2_com_close.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMB-smb1_com_transaction2_secondary.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMTP-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SMTP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target pac-analyzer-protocol-snmp-snmp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SNMP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SNMP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target pac-analyzer-protocol-socks-socks.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek_SOCKS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssh-ssh.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSH-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSH-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-tls-handshake.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SSL-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-ssl.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-ssl-dtls.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_SteppingStone-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target bif-plugin-Zeek_Syslog-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 27%] Built target pac-analyzer-protocol-syslog-syslog.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-events.bif
```

```
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_TCP-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_Teredo-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_UDP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_VXLAN-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target pac-analyzer-protocol-xmpp-xmpp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_XMPP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-store.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-messaging.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-comm.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-broker-data.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-zeekygen-zeekygen.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-file_analysis-file_analysis.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileEntropy-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_FileHash-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-pe-pe.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_PE-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-unified2-unified2.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-x509-x509-extension.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-ocsp_events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-input-input.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiReader-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BenchmarkReader-benchmark.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BinaryReader-binary.bif
make[3]: Entering directory '/tmp/zeek/build'
```

```
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_ConfigReader-config.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_RawReader-raw.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_SQLiteReader-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-iosource-pcap-pcap.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-logging-logging.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiWriter-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_NoneWriter-none.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-plugin-Zeek_SQLiteWriter-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-cardinality-counter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-bloom-filter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage1
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2b
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2a
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_probabilistic
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_analyzer
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-ARP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-AYIYA
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 33%] Built target plugin-Zeek-BitTorrent
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 34%] Built target plugin-Zeek-ConnSize
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 35%] Built target plugin-Zeek-DCE_RPC
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 36%] Built target plugin-Zeek-DHCP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 36%] Built target plugin-Zeek-DNP3
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-DNS
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-File
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-Finger
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 38%] Built target plugin-Zeek-FTP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 38%] Built target plugin-Zeek-Gnutella
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 39%] Built target plugin-Zeek-GSSAPI
make[3]: Entering directory '/tmp/zeek/build'
```


[illegible]

```
[ 71%] Built target plugin-Zeek-Syslog
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 72%] Built target plugin-Zeek-TCP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 73%] Built target plugin-Zeek-Teredo
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 73%] Built target plugin-Zeek-UDP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 74%] Built target plugin-Zeek-VXLAN
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-XMPP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-ZIP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 76%] Built target bro_brokercomm
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_zeekygen
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_file_analysis
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target plugin-Zeek-FileDataEvent
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileEntropy
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileExtract
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-FileHash
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-PE
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 80%] Built target plugin-Zeek-Unified2
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 81%] Built target plugin-Zeek-X509
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target bro_input
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-AsciiReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-BenchmarkReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-BinaryReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-ConfigReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 84%] Built target plugin-Zeek-RawReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-SQLiteReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target bro_iosource
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-Pcap
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 86%] Built target bro_logging
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 87%] Built target plugin-Zeek-AsciiWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-NoneWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-SQLiteWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
```

```
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader_plugins
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target zeek
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target SubnetTree_swig_compilation
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target _SubnetTree
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target capstats
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target adtrace
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target zeek-cut
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target rst
make[2]: Leaving directory '/tmp/zeek/build'
make[1]: Leaving directory '/tmp/zeek/build'
make -C build install
make[1]: Entering directory '/tmp/zeek/build'
make[2]: Entering directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 0%] Built target binpac_lib
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 4%] Built target binpac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target bifcl
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 5%] Built target ahocorasick
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 6%] Built target paraglob-test
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 6%] Building CAF
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[5]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target caf-generate-enum-strings
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target libcaf_core
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_core_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_io
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_io_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_openssl
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 98%] Built target libcaf_openssl_shared
make[6]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[6]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[100%] Built target caf-generate-rst
make[5]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 6%] Completed 'project_caf'
make[3]: Leaving directory '/tmp/zeek/build'
[ 7%] Built target project_caf
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 11%] Built target broker
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
```

```
[ 11%] Built target broker-pipe
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target broker-node
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
[ 12%] Staging Python scripts in /tmp/zeek/build/aux/broker/python/broker
make[3]: Leaving directory '/tmp/zeek/build'
[ 12%] Built target python-scripts-stage
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target _broker
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 13%] Built target broker-benchmark
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-test
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target broker-cluster-benchmark
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 14%] Built target ping
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target synopsis
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target comm
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target stores
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-alt-probabilistic-top-k.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac_bro-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-strings.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target pac-binpac-lib.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 15%] Built target bif-std-option.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-const.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-stats.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-zeek.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-reporter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-std-event.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 16%] Built target bif-alt-analyzer-analyzer.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ARP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-aiya-aiya.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target pac-analyzer-protocol-bittorrent-bittorrent.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_BitTorrent-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ConnSize-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 17%] Built target bif-plugin-Zeek_ConnSize-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 18%] Built target pac-analyzer-protocol-dce-rpc-dce_rpc.pac
```

[illegible]

```
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Login-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_MIME-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-modbus-modbus.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek_Modbus-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek MQTT-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mqtt-mqtt.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek MQTT-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target pac-analyzer-protocol-mysql-mysql.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 20%] Built target bif-plugin-Zeek MySQL-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target pac-analyzer-protocol-ncp-ncp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NCP-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NCP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NetBIOS-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target bif-plugin-Zeek_NetBIOS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 21%] Built target pac-analyzer-protocol-ntlm-ntlm.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTLM-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTLM-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_NTP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-ntp-ntp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_POP3-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_RADIUS-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-radius-radius.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target pac-analyzer-protocol-rdp-rdp.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 22%] Built target bif-plugin-Zeek_RDP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RDP-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-rfb-rfb.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RFB-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek_RPC-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-sip-sip_TCP.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
```

```
[ 23%] Built target bif-plugin-Zeek_SIP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-sip-sip.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target pac-analyzer-protocol-smb-smb.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-consts.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_com_transform_header.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_com_tree_disconnect.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_session_setup_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_query_information.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_com_read.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_transaction_secondary.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_negotiate.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_echo.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_com_write.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_nt_create_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb2_com_negotiate.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_check_directory.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-smb1_com_nt_cancel.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 23%] Built target bif-plugin-Zeek SMB-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb2_com_tree_connect.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb2_com_session_setup.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb1_com_create_directory.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb1_com_read_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb1_com_tree_disconnect.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 24%] Built target bif-plugin-Zeek SMB-smb2_com_create.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 25%] Built target bif-plugin-Zeek SMB-smb1_com_logoff_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 25%] Built target bif-plugin-Zeek SMB-smb1_com_write_andx.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 25%] Built target bif-plugin-Zeek SMB-smb1_com_close.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 26%] Built target bif-plugin-Zeek SMB-smb1 com tree connect andx.bif
```

[illegible]


```
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_VXLAN-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target pac-analyzer-protocol-xmpp-pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-plugin-Zeek_XMPP-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-store.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-messaging.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 28%] Built target bif-alt-broker-comm.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-broker-data.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-zeekygen-zeekygen.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-alt-file_analysis-file_analysis.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileEntropy-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 29%] Built target bif-plugin-Zeek_FileExtract-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_FileHash-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-pe-pe.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_PE-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-unified2-unified2.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_Unified2-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target pac-file_analysis-analyzer-x509-x509-extension.pac
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-ocsp_events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-events.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-functions.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_X509-types.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-input-input.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiReader-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BenchmarkReader-benchmark.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_BinaryReader-binary.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_ConfigReader-config.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_RawReader-raw.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_SQLiteReader-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
```

```
[ 30%] Built target bif-alt-iosource-pcap-pcap.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-alt-logging-logging.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_AsciiWriter-ascii.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 30%] Built target bif-plugin-Zeek_NoneWriter-none.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-plugin-Zeek_SQLiteWriter-sqlite.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-cardinality-counter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bif-alt-probabilistic-bloom-filter.bif
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage1
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2b
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs_stage2a
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target generate_outputs
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_probabilistic
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 31%] Built target bro_analyzer
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-ARP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 32%] Built target plugin-Zeek-AYIYA
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 33%] Built target plugin-Zeek-BitTorrent
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 34%] Built target plugin-Zeek-ConnSize
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 35%] Built target plugin-Zeek-DCE_RPC
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 36%] Built target plugin-Zeek-DHCP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 36%] Built target plugin-Zeek-DNP3
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-DNS
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-File
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 37%] Built target plugin-Zeek-Finger
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 38%] Built target plugin-Zeek-FTP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 38%] Built target plugin-Zeek-Gnutella
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 39%] Built target plugin-Zeek-GSSAPI
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 40%] Built target plugin-Zeek-GTPv1
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 41%] Built target plugin-Zeek-HTTP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 41%] Built target plugin-Zeek-ICMP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
```

[illegible]

```
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 74%] Built target plugin-Zeek-VXLAN
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-XMPP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 75%] Built target plugin-Zeek-ZIP
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 76%] Built target bro_brokercomm
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_zeekygen
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target bro_file_analysis
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 77%] Built target plugin-Zeek-FileDataEvent
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileEntropy
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 78%] Built target plugin-Zeek-FileExtract
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-FileHash
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 79%] Built target plugin-Zeek-PE
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 80%] Built target plugin-Zeek-Unified2
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 81%] Built target plugin-Zeek-X509
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target bro_input
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-AsciiReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 82%] Built target plugin-Zeek-BenchmarkReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-BinaryReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 83%] Built target plugin-Zeek-ConfigReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 84%] Built target plugin-Zeek-RawReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-SQLiteReader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target bro_iosource
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 85%] Built target plugin-Zeek-Pcap
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 86%] Built target bro_logging
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 87%] Built target plugin-Zeek-AsciiWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-NoneWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target plugin-Zeek-SQLiteWriter
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader_plugins
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 88%] Built target bif_loader
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target zeek
```

```
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target SubnetTree_swig_compilation
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 98%] Built target SubnetTree
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target capstats
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[ 99%] Built target adtrace
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target zeek-cut
make[3]: Entering directory '/tmp/zeek/build'
make[3]: Leaving directory '/tmp/zeek/build'
[100%] Built target rst
make[2]: Leaving directory '/tmp/zeek/build'
Install the project...
-- Install configuration: "RelWithDebInfo"
-- Installing: /opt/zeek/include/zeek/zeek-config.h
-- Installing: /opt/zeek/include/zeek/bro-config.h
-- Installing: /opt/zeek/bin/zeek-config
-- Installing: /opt/zeek/share/zeek/cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindBroker.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindRequiredPackage.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindBIND.cmake
-- Installing: /opt/zeek/share/zeek/cmake/InstallSymlink.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ZeekSubdir.cmake
-- Installing: /opt/zeek/share/zeek/cmake/CheckOptionalBuildSources.cmake
-- Installing: /opt/zeek/share/zeek/cmake/BroPlugin.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindRocksDB.cmake
-- Installing: /opt/zeek/share/zeek/cmake/MiscTests.cmake
-- Installing: /opt/zeek/share/zeek/cmake/package_preinstall.sh.in
-- Installing: /opt/zeek/share/zeek/cmake/CheckTypes.cmake
-- Installing: /opt/zeek/share/zeek/cmake/InstallClobberImmune.cmake
-- Installing: /opt/zeek/share/zeek/cmake/BifCl.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindBroccoli.cmake
-- Installing: /opt/zeek/share/zeek/cmake/GetArchitecture.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ZeekPlugin.cmake
-- Installing: /opt/zeek/share/zeek/cmake/RequireCXX17.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindJeMalloc.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindPCAP.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindBISON.cmake
-- Installing: /opt/zeek/share/zeek/cmake/COPYING
-- Installing: /opt/zeek/share/zeek/cmake/FindPythonDev.cmake
-- Installing: /opt/zeek/share/zeek/cmake/zeek-plugin-create-package.sh
-- Installing: /opt/zeek/share/zeek/cmake/FindZeek.cmake
-- Installing: /opt/zeek/share/zeek/cmake/MAC_PACKAGE_INTRO
-- Installing: /opt/zeek/share/zeek/cmake/FindReadline.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindBinPAC.cmake
-- Installing: /opt/zeek/share/zeek/cmake/CheckHeaders.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindClangTidy.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindFTS.cmake
-- Installing: /opt/zeek/share/zeek/cmake/CheckCompilers.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ProhibitInSourceBuild.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ConfigurePackaging.cmake
-- Installing: /opt/zeek/share/zeek/cmake/SetDefaultCompileFlags.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ZeekPluginDynamic.cmake
-- Installing: /opt/zeek/share/zeek/cmake/.git
-- Installing: /opt/zeek/share/zeek/cmake/CheckFunctions.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindCAF.cmake
-- Installing: /opt/zeek/share/zeek/cmake/InstallShellScript.cmake
-- Installing: /opt/zeek/share/zeek/cmake/PCAPTests.cmake
-- Installing: /opt/zeek/share/zeek/cmake/CheckNameserCompat.cmake
-- Installing: /opt/zeek/share/zeek/cmake/RequireCXX11.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindSubnetTree.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindTraceSummary.cmake
-- Installing: /opt/zeek/share/zeek/cmake/package_postupgrade.sh.in
-- Installing: /opt/zeek/share/zeek/cmake/zeek-plugin-install-package.sh
-- Installing: /opt/zeek/share/zeek/cmake/ChangeMacInstallNames.cmake
-- Installing: /opt/zeek/share/zeek/cmake/AddUninstallTarget.cmake
-- Installing: /opt/zeek/share/zeek/cmake/README
-- Installing: /opt/zeek/share/zeek/cmake/OpenSSLTests.cmake
-- Installing: /opt/zeek/share/zeek/cmake/cmake_uninstall.cmake.in
-- Installing: /opt/zeek/share/zeek/cmake/FindLibMMDB.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindPyBroccoli.cmake
-- Installing: /opt/zeek/share/zeek/cmake/MacDependencyPaths.cmake
-- Installing: /opt/zeek/share/zeek/cmake/InstallPackageConfigFile.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindGooglePerftools.cmake
-- Installing: /opt/zeek/share/zeek/cmake/CommonCMakeConfig.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ZeekPluginCommon.cmake
-- Installing: /opt/zeek/share/zeek/cmake/ZeekPluginStatic.cmake
-- Installing: /opt/zeek/share/zeek/cmake/UserChangedWarning.cmake
-- Installing: /opt/zeek/share/zeek/cmake/BinPAC.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindCapstats.cmake
-- Installing: /opt/zeek/share/zeek/cmake/FindLibKrb5.cmake
-- Installing: /opt/zeek/share/zeek/cmake/OSSpecific.cmake
-- Installing: /opt/zeek/share/zeek/cmake/SetupRPATH.cmake
-- Installing: /opt/zeek/bin/zeek-wrapper
```

```

-- Installing: /opt/zeek/lib/libbinpac.so.0.54
-- Installing: /opt/zeek/lib/libbinpac.so.0
-- Set runtime path of "/opt/zeek/lib/libbinpac.so.0.54" to "/opt/zeek/lib"
-- Installing: /opt/zeek/lib/libbinpac.so
-- Installing: /opt/zeek/include/binpac/binpac.h
-- Installing: /opt/zeek/include/binpac/binpac_analyzer.h
-- Installing: /opt/zeek/include/binpac/binpac_buffer.h
-- Installing: /opt/zeek/include/binpac/binpac_bytestring.h
-- Installing: /opt/zeek/include/binpac/binpac_exception.h
-- Installing: /opt/zeek/include/binpac/binpac_regex.h
-- Installing: /opt/zeek/bin/binpac
-- Set runtime path of "/opt/zeek/bin/binpac" to "/opt/zeek/lib"
-- Installing: /opt/zeek/bin/bifcl
-- Set runtime path of "/opt/zeek/bin/bifcl" to "/opt/zeek/lib"
-- Installing: /opt/zeek/include/paraglob
-- Installing: /opt/zeek/include/paraglob/exceptions.h
-- Installing: /opt/zeek/include/paraglob/serializer.h
-- Installing: /opt/zeek/include/paraglob/node.h
-- Installing: /opt/zeek/include/paraglob/paraglob.h
-- Installing: /opt/zeek/lib/libparaglob.a
-- Installing: /opt/zeek/bin/paraglob-test
-- Set runtime path of "/opt/zeek/bin/paraglob-test" to "/opt/zeek/lib"
make[2]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[3]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target caf-generate-enum-strings
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 0%] Built target libcaf_core
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_core_shared
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 73%] Built target libcaf_io
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_io_shared
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 95%] Built target libcaf_openssl
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[ 98%] Built target libcaf_openssl_shared
make[4]: Entering directory '/tmp/zeek/build/aux/broker/caf-build'
make[4]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
[100%] Built target caf-generate-rst
make[3]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
Install the project...
-- Install configuration: "RelWithDebInfo"
-- Installing: /opt/zeek/include/caf
-- Installing: /opt/zeek/include/caf/test
-- Installing: /opt/zeek/include/caf/test/dsl.hpp
-- Installing: /opt/zeek/include/caf/test/io_dsl.hpp
-- Installing: /opt/zeek/include/caf/test/unit_test_impl.hpp
-- Installing: /opt/zeek/include/caf/test/unit_test.hpp
-- Installing: /opt/zeek/include/caf/detail/build_config.hpp
-- Installing: /opt/zeek/lib/libcaf_core.so.0.17.3
-- Installing: /opt/zeek/lib/libcaf_core.so
-- Up-to-date: /opt/zeek/include/caf
-- Installing: /opt/zeek/include/caf/intrusive_ptr.hpp
-- Installing: /opt/zeek/include/caf/primitive_variant.hpp
-- Installing: /opt/zeek/include/caf/message_priority.hpp
-- Installing: /opt/zeek/include/caf/intrusive
-- Installing: /opt/zeek/include/caf/intrusive/lifo_inbox.hpp
-- Installing: /opt/zeek/include/caf/intrusive/wdr_dynamic_multiplexed_queue.hpp
-- Installing: /opt/zeek/include/caf/intrusive/drr_queue.hpp
-- Installing: /opt/zeek/include/caf/intrusive/new_round_result.hpp
-- Installing: /opt/zeek/include/caf/intrusive/task_queue.hpp
-- Installing: /opt/zeek/include/caf/intrusive/wdr_fixed_multiplexed_queue.hpp
-- Installing: /opt/zeek/include/caf/intrusive/task_result.hpp
-- Installing: /opt/zeek/include/caf/intrusive/fifo_inbox.hpp
-- Installing: /opt/zeek/include/caf/intrusive/inbox_result.hpp
-- Installing: /opt/zeek/include/caf/intrusive/forward_iterator.hpp
-- Installing: /opt/zeek/include/caf/intrusive/drr_cached_queue.hpp
-- Installing: /opt/zeek/include/caf/intrusive/singly_linked.hpp
-- Installing: /opt/zeek/include/caf/typed_actor_view_base.hpp
-- Installing: /opt/zeek/include/caf/others.hpp
-- Installing: /opt/zeek/include/caf/exit_reason.hpp
-- Installing: /opt/zeek/include/caf/make_source_result.hpp
-- Installing: /opt/zeek/include/caf/make_type_erased_value.hpp
-- Installing: /opt/zeek/include/caf/actor_storage.hpp
-- Installing: /opt/zeek/include/caf/is_typed_actor.hpp
-- Installing: /opt/zeek/include/caf/stream_stage_trait.hpp
-- Installing: /opt/zeek/include/caf/is_timeout_or_catch_all.hpp
-- Installing: /opt/zeek/include/caf/response_handle.hpp
-- Installing: /opt/zeek/include/caf/deduce_mpi.hpp
-- Installing: /opt/zeek/include/caf/thread_hook.hpp
-- Installing: /opt/zeek/include/caf/ipv6_subnet.hpp
-- Installing: /opt/zeek/include/caf/event_based_actor.hpp

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```
-- Installing: /opt/zeek/include/caf/exec_main.hpp
-- Installing: /opt/zeek/include/caf/serializer.hpp
-- Installing: /opt/zeek/include/caf/ipv4_address.hpp
-- Installing: /opt/zeek/include/caf/config_value_field.hpp
-- Installing: /opt/zeek/include/caf/monitorable_actor.hpp
-- Installing: /opt/zeek/include/caf/mailbox_element.hpp
-- Installing: /opt/zeek/include/caf/actor_control_block.hpp
-- Installing: /opt/zeek/include/caf/deserializer.hpp
-- Installing: /opt/zeek/include/caf/default_sum_type_access.hpp
-- Installing: /opt/zeek/include/caf/config_value_adaptor.hpp
-- Installing: /opt/zeek/include/caf/response_type.hpp
-- Installing: /opt/zeek/include/caf/forwarding_actor_proxy.hpp
-- Installing: /opt/zeek/include/caf/actor_factory.hpp
-- Installing: /opt/zeek/include/caf/mixin
-- Installing: /opt/zeek/include/caf/mixin/subscriber.hpp
-- Installing: /opt/zeek/include/caf/mixin/actor_widget.hpp
-- Installing: /opt/zeek/include/caf/mixin/behavior_changer.hpp
-- Installing: /opt/zeek/include/caf/mixin/sender.hpp
-- Installing: /opt/zeek/include/caf/mixin/requester.hpp
-- Installing: /opt/zeek/include/caf/scoped_actor.hpp
-- Installing: /opt/zeek/include/caf/timestamp.hpp
-- Installing: /opt/zeek/include/caf/is_message_sink.hpp
-- Installing: /opt/zeek/include/caf/proxy_registry.hpp
-- Installing: /opt/zeek/include/caf/string_algorithms.hpp
-- Installing: /opt/zeek/include/caf/blocking_actor.hpp
-- Installing: /opt/zeek/include/caf/rtti_pair.hpp
-- Installing: /opt/zeek/include/caf/result.hpp
-- Installing: /opt/zeek/include/caf/scheduler.hpp
-- Installing: /opt/zeek/include/caf/uniform_type_info_map.hpp
-- Installing: /opt/zeek/include/caf/actor_companion.hpp
-- Installing: /opt/zeek/include/caf/abstract_composable_behavior.hpp
-- Installing: /opt/zeek/include/caf/downstream.hpp
-- Installing: /opt/zeek/include/caf/catch_all.hpp
-- Installing: /opt/zeek/include/caf/message_handler.hpp
-- Installing: /opt/zeek/include/caf/type_nr.hpp
-- Installing: /opt/zeek/include/caf/extend.hpp
-- Installing: /opt/zeek/include/caf/binary_deserializer.hpp
-- Installing: /opt/zeek/include/caf/timeout_definition.hpp
-- Installing: /opt/zeek/include/caf/default_attachable.hpp
-- Installing: /opt/zeek/include/caf/send.hpp
-- Installing: /opt/zeek/include/caf/interface_mismatch.hpp
-- Installing: /opt/zeek/include/caf/weak_intrusive_ptr.hpp
-- Installing: /opt/zeek/include/caf/memory_managed.hpp
-- Installing: /opt/zeek/include/caf/make_type_erased_tuple_view.hpp
-- Installing: /opt/zeek/include/caf/param.hpp
-- Installing: /opt/zeek/include/caf/span.hpp
-- Installing: /opt/zeek/include/caf/typed_event_based_actor.hpp
-- Installing: /opt/zeek/include/caf/data_processor.hpp
-- Installing: /opt/zeek/include/caf/composable_behavior_based_actor.hpp
-- Installing: /opt/zeek/include/caf/actor_cast.hpp
-- Installing: /opt/zeek/include/caf/message_id.hpp
-- Installing: /opt/zeek/include/caf/actor_profiler.hpp
-- Installing: /opt/zeek/include/caf/config_option_set.hpp
-- Installing: /opt/zeek/include/caf/sum_type_access.hpp
-- Installing: /opt/zeek/include/caf/ipv6_endpoint.hpp
-- Installing: /opt/zeek/include/caf/actor_pool.hpp
-- Installing: /opt/zeek/include/caf/actor.hpp
-- Installing: /opt/zeek/include/caf/actor_config.hpp
-- Installing: /opt/zeek/include/caf/typed_behavior.hpp
-- Installing: /opt/zeek/include/caf/after.hpp
-- Installing: /opt/zeek/include/caf/typed_actor.hpp
-- Installing: /opt/zeek/include/caf/resumable.hpp
-- Installing: /opt/zeek/include/caf/stream_manager.hpp
-- Installing: /opt/zeek/include/caf/default_downstream_manager.hpp
-- Installing: /opt/zeek/include/caf/invoke_message_result.hpp
-- Installing: /opt/zeek/include/caf/input_range.hpp
-- Installing: /opt/zeek/include/caf/callback.hpp
-- Installing: /opt/zeek/include/caf/cow_tuple.hpp
-- Installing: /opt/zeek/include/caf/attach_stream_stage.hpp
-- Installing: /opt/zeek/include/caf/byte.hpp
-- Installing: /opt/zeek/include/caf/actor_traits.hpp
-- Installing: /opt/zeek/include/caf/meta
-- Installing: /opt/zeek/include/caf/meta/hex_formatted.hpp
-- Installing: /opt/zeek/include/caf/meta/omittable_if_none.hpp
-- Installing: /opt/zeek/include/caf/meta/omittable_if_empty.hpp
-- Installing: /opt/zeek/include/caf/meta/load_callback.hpp
-- Installing: /opt/zeek/include/caf/meta/save_callback.hpp
-- Installing: /opt/zeek/include/caf/meta/annotation.hpp
-- Installing: /opt/zeek/include/caf/meta/omittable.hpp
-- Installing: /opt/zeek/include/caf/meta/type_name.hpp
-- Installing: /opt/zeek/include/caf/raise_error.hpp
-- Installing: /opt/zeek/include/caf/actor_ostream.hpp
-- Installing: /opt/zeek/include/caf/logger.hpp
-- Installing: /opt/zeek/include/caf/named_actor_config.hpp
-- Installing: /opt/zeek/include/caf/make_config_value_field.hpp
-- Installing: /opt/zeek/include/caf/stream_deserializer.hpp
-- Installing: /opt/zeek/include/caf/error.hpp
-- Installing: /opt/zeek/include/caf/none.hpp
-- Installing: /opt/zeek/include/caf/response_promise.hpp
-- Installing: /opt/zeek/include/caf/stream_sink.hpp
-- Installing: /opt/zeek/include/caf/config_option_adder.hpp
```

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-- Installing: /opt/zeek/include/caf/make_config_option.hpp
-- Installing: /opt/zeek/include/caf/downstream_manager_base.hpp
-- Installing: /opt/zeek/include/caf/broadcast_downstream_manager.hpp
-- Installing: /opt/zeek/include/caf/behavior.hpp
-- Installing: /opt/zeek/include/caf/system_messages.hpp
-- Installing: /opt/zeek/include/caf/decorator
-- Installing: /opt/zeek/include/caf/decorator/sequencer.hpp
-- Installing: /opt/zeek/include/caf/decorator/splitter.hpp
-- Installing: /opt/zeek/include/caf/type_erased_value.hpp
-- Installing: /opt/zeek/include/caf/behavior_policy.hpp
-- Installing: /opt/zeek/include/caf/to_string.hpp
-- Installing: /opt/zeek/include/caf/ref_counted.hpp
-- Installing: /opt/zeek/include/caf/ip_endpoint.hpp
-- Installing: /opt/zeek/include/caf/binary_serializer.hpp
-- Installing: /opt/zeek/include/caf/local_actor.hpp
-- Installing: /opt/zeek/include/caf/outbound_path.hpp
-- Installing: /opt/zeek/include/caf/no_stages.hpp
-- Installing: /opt/zeek/include/caf/infer_handle.hpp
-- Installing: /opt/zeek/include/caf/attach_stream_sink.hpp
-- Installing: /opt/zeek/include/caf/config_value.hpp
-- Installing: /opt/zeek/include/caf/all.hpp
-- Installing: /opt/zeek/include/caf/stream_source_trait.hpp
-- Installing: /opt/zeek/include/caf/spawn_options.hpp
-- Installing: /opt/zeek/include/caf/actor_clock.hpp
-- Installing: /opt/zeek/include/caf/abstract_channel.hpp
-- Installing: /opt/zeek/include/caf/sum_type_token.hpp
-- Installing: /opt/zeek/include/caf/make_copy_on_write.hpp
-- Installing: /opt/zeek/include/caf/stream_serializer.hpp
-- Installing: /opt/zeek/include/caf/optional.hpp
-- Installing: /opt/zeek/include/caf/ipv4_endpoint.hpp
-- Installing: /opt/zeek/include/caf/actor_addr.hpp
-- Installing: /opt/zeek/include/caf/sum_type.hpp
-- Installing: /opt/zeek/include/caf/stream_sink_trait.hpp
-- Installing: /opt/zeek/include/caf/make_sink_result.hpp
-- Installing: /opt/zeek/include/caf/message_builder.hpp
-- Installing: /opt/zeek/include/caf/config_value_adaptor_access.hpp
-- Installing: /opt/zeek/include/caf/make_counted.hpp
-- Installing: /opt/zeek/include/caf/inbound_path.hpp
-- Installing: /opt/zeek/include/caf/streambuf.hpp
-- Installing: /opt/zeek/include/caf/serializer_impl.hpp
-- Installing: /opt/zeek/include/caf/variant.hpp
-- Installing: /opt/zeek/include/caf/policy
-- Installing: /opt/zeek/include/caf/policy/normal_messages.hpp
-- Installing: /opt/zeek/include/caf/policy/categorized.hpp
-- Installing: /opt/zeek/include/caf/policy/profiled.hpp
-- Installing: /opt/zeek/include/caf/policy/scheduler_policy.hpp
-- Installing: /opt/zeek/include/caf/policy/unprofiled.hpp
-- Installing: /opt/zeek/include/caf/policy/downstream_messages.hpp
-- Installing: /opt/zeek/include/caf/policy/work_stealing.hpp
-- Installing: /opt/zeek/include/caf/policy/arg.hpp
-- Installing: /opt/zeek/include/caf/policy/upstream_messages.hpp
-- Installing: /opt/zeek/include/caf/policy/urgent_messages.hpp
-- Installing: /opt/zeek/include/caf/policy/work_sharing.hpp
-- Installing: /opt/zeek/include/caf/actor_system.hpp
-- Installing: /opt/zeek/include/caf/stream_stage.hpp
-- Installing: /opt/zeek/include/caf/group_module.hpp
-- Installing: /opt/zeek/include/caf/defaults.hpp
-- Installing: /opt/zeek/include/caf/tag
-- Installing: /opt/zeek/include/caf/tag/boxing_type.hpp
-- Installing: /opt/zeek/include/caf/sec.hpp
-- Installing: /opt/zeek/include/caf/composed_type.hpp
-- Installing: /opt/zeek/include/caf/pec.hpp
-- Installing: /opt/zeek/include/caf/node_id.hpp
-- Installing: /opt/zeek/include/caf/duration.hpp
-- Installing: /opt/zeek/include/caf/deep_to_string.hpp
-- Installing: /opt/zeek/include/caf/unifyfn.hpp
-- Installing: /opt/zeek/include/caf/expected.hpp
-- Installing: /opt/zeek/include/caf/attach_continuous_stream_stage.hpp
-- Installing: /opt/zeek/include/caf/stream_source.hpp
-- Installing: /opt/zeek/include/caf/make_stage_result.hpp
-- Installing: /opt/zeek/include/caf/ip_subnet.hpp
-- Installing: /opt/zeek/include/caf/uri_builder.hpp
-- Installing: /opt/zeek/include/caf/attach_continuous_stream_source.hpp
-- Installing: /opt/zeek/include/caf/match_case.hpp
-- Installing: /opt/zeek/include/caf/raw_event_based_actor.hpp
-- Installing: /opt/zeek/include/caf/replies_to.hpp
-- Installing: /opt/zeek/include/caf/typed_response_promise.hpp
-- Installing: /opt/zeek/include/caf/atom.hpp
-- Installing: /opt/zeek/include/caf/abstract_actor.hpp
-- Up-to-date: /opt/zeek/include/caf/detail
-- Installing: /opt/zeek/include/caf/detail/default_invoke_result_visitor.hpp
-- Installing: /opt/zeek/include/caf/detail/type_traits.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_sink_driver_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/arg_match_t.hpp
-- Installing: /opt/zeek/include/caf/detail/move_if_not_ptr.hpp
-- Installing: /opt/zeek/include/caf/detail/mpi_splice.hpp
-- Installing: /opt/zeek/include/caf/detail/thread_safe_actor_clock.hpp
-- Installing: /opt/zeek/include/caf/detail/scope_guard.hpp
-- Installing: /opt/zeek/include/caf/detail/fnv_hash.hpp
-- Installing: /opt/zeek/include/caf/detail/type_list.hpp
-- Installing: /opt/zeek/include/caf/detail/init_fun_factory.hpp
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-- Installing: /opt/zeek/include/caf/detail/parse.hpp
-- Installing: /opt/zeek/include/caf/detail/functor_attachable.hpp
-- Installing: /opt/zeek/include/caf/detail/delegate_serialize.hpp
-- Installing: /opt/zeek/include/caf/detail/concatenated_tuple.hpp
-- Installing: /opt/zeek/include/caf/detail/get_mac_addresses.hpp
-- Installing: /opt/zeek/include/caf/detail/config_value_adaptor_field_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/double_ended_queue.hpp
-- Installing: /opt/zeek/include/caf/detail/raw_access.hpp
-- Installing: /opt/zeek/include/caf/detail/invoke_result_visitor.hpp
-- Installing: /opt/zeek/include/caf/detail/path_state.hpp
-- Installing: /opt/zeek/include/caf/detail/make_unique.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_distribution_tree.hpp
-- Installing: /opt/zeek/include/caf/detail/squashed_int.hpp
-- Installing: /opt/zeek/include/caf/detail/blocking_behavior.hpp
-- Installing: /opt/zeek/include/caf/detail/network_order.hpp
-- Installing: /opt/zeek/include/caf/detail/atom_val.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_source_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/gcd.hpp
-- Installing: /opt/zeek/include/caf/detail/behavior_stack.hpp
-- Installing: /opt/zeek/include/caf/detail/behavior_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/tail_argument_token.hpp
-- Installing: /opt/zeek/include/caf/detail/abstract_worker.hpp
-- Installing: /opt/zeek/include/caf/detail/private_thread.hpp
-- Installing: /opt/zeek/include/caf/detail/pretty_type_name.hpp
-- Installing: /opt/zeek/include/caf/detail/pp.hpp
-- Installing: /opt/zeek/include/caf/detail/mask_bits.hpp
-- Installing: /opt/zeek/include/caf/detail/cas_weak.hpp
-- Installing: /opt/zeek/include/caf/detail/message_data.hpp
-- Installing: /opt/zeek/include/caf/detail/select_integer_type.hpp
-- Installing: /opt/zeek/include/caf/detail/get_process_id.hpp
-- Installing: /opt/zeek/include/caf/detail/decorated_tuple.hpp
-- Installing: /opt/zeek/include/caf/detail/type_erased_value_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/append_hex.hpp
-- Installing: /opt/zeek/include/caf/detail/parser
-- Installing: /opt/zeek/include/caf/detail/parser/read_unsigned_integer.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_floating_point.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/fsm_undef.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/chars.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_atom.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/add_ascii.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_timespan.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_number_or_timespan.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_string.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/sub_ascii.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/is_digit.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_signed_integer.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/is_char.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/ascii_to_int.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_number.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_ipv6_address.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_ini.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_ipv4_address.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/fsm.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_uri.hpp
-- Installing: /opt/zeek/include/caf/detail/parser/read_bool.hpp
-- Installing: /opt/zeek/include/caf/detail/dynamic_message_data.hpp
-- Installing: /opt/zeek/include/caf/detail/tbind.hpp
-- Installing: /opt/zeek/include/caf/detail/try_serialize.hpp
-- Installing: /opt/zeek/include/caf/detail/worker_hub.hpp
-- Installing: /opt/zeek/include/caf/detail/unique_function.hpp
-- Installing: /opt/zeek/include/caf/detail/log_level.hpp
-- Installing: /opt/zeek/include/caf/detail/append_percent_encoded.hpp
-- Installing: /opt/zeek/include/caf/detail/apply_args.hpp
-- Installing: /opt/zeek/include/caf/detail/config_value_field_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/comparable.hpp
-- Installing: /opt/zeek/include/caf/detail/stringification_inspector.hpp
-- Installing: /opt/zeek/include/caf/detail/serialized_size.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_sink_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/ini_consumer.hpp
-- Installing: /opt/zeek/include/caf/detail/spawnable.hpp
-- Installing: /opt/zeek/include/caf/detail/type_erased_tuple_view.hpp
-- Installing: /opt/zeek/include/caf/detail/consumer.hpp
-- Installing: /opt/zeek/include/caf/detail/overload.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_stage_driver_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/typed_actor_util.hpp
-- Installing: /opt/zeek/include/caf/detail/arg_wrapper.hpp
-- Installing: /opt/zeek/include/caf/detail/ripemd_160.hpp
-- Installing: /opt/zeek/include/caf/detail/ringbuffer.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_source_driver_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/implicit_conversions.hpp
-- Installing: /opt/zeek/include/caf/detail/shared_spinlock.hpp
-- Installing: /opt/zeek/include/caf/detail/config_value_field_base.hpp
-- Installing: /opt/zeek/include/caf/detail/select_all.hpp
-- Installing: /opt/zeek/include/caf/detail/is_primitive_config_value.hpp
-- Installing: /opt/zeek/include/caf/detail/type_pair.hpp
-- Installing: /opt/zeek/include/caf/detail/limited_vector.hpp
-- Installing: /opt/zeek/include/caf/detail/uri_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/is_one_of.hpp
-- Installing: /opt/zeek/include/caf/detail/test_actor_clock.hpp
-- Installing: /opt/zeek/include/caf/detail/int_list.hpp
-- Installing: /opt/zeek/include/caf/detail/dispatch_parse_cli.hpp
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-- Installing: /opt/zeek/include/caf/detail/ieee_754.hpp
-- Installing: /opt/zeek/include/caf/detail/unordered_flat_map.hpp
-- Installing: /opt/zeek/include/caf/detail/pseudo_tuple.hpp
-- Installing: /opt/zeek/include/caf/detail/try_match.hpp
-- Installing: /opt/zeek/include/caf/detail/disposer.hpp
-- Installing: /opt/zeek/include/caf/detail/stream_stage_impl.hpp
-- Installing: /opt/zeek/include/caf/detail/split_join.hpp
-- Installing: /opt/zeek/include/caf/detail/tick_emitter.hpp
-- Installing: /opt/zeek/include/caf/detail/profiled_send.hpp
-- Installing: /opt/zeek/include/caf/detail/safe_equal.hpp
-- Installing: /opt/zeek/include/caf/detail/variant_data.hpp
-- Installing: /opt/zeek/include/caf/detail/simple_actor_clock.hpp
-- Installing: /opt/zeek/include/caf/detail/abstract_worker_hub.hpp
-- Installing: /opt/zeek/include/caf/detail/sync_request_bouncer.hpp
-- Installing: /opt/zeek/include/caf/detail/get_root_uuid.hpp
-- Installing: /opt/zeek/include/caf/detail/optional_message_visitor.hpp
-- Installing: /opt/zeek/include/caf/detail/enqueue_result.hpp
-- Installing: /opt/zeek/include/caf/detail/set_thread_name.hpp
-- Installing: /opt/zeek/include/caf/detail/embedded.hpp
-- Installing: /opt/zeek/include/caf/detail/tuple_vals.hpp
-- Installing: /opt/zeek/include/caf/detail/merged_tuple.hpp
-- Installing: /opt/zeek/include/caf/detail/algorithms.hpp
-- Installing: /opt/zeek/include/caf/detail/spawn_fwd.hpp
-- Installing: /opt/zeek/include/caf/detail/bounds_checker.hpp
-- Installing: /opt/zeek/include/caf/execution_unit.hpp
-- Installing: /opt/zeek/include/caf/dictionary.hpp
-- Installing: /opt/zeek/include/caf/stream_source_driver.hpp
-- Installing: /opt/zeek/include/caf/stateful_actor.hpp
-- Installing: /opt/zeek/include/caf/typed_actor_pointer.hpp
-- Installing: /opt/zeek/include/caf/parser_state.hpp
-- Installing: /opt/zeek/include/caf/scheduled_actor.hpp
-- Installing: /opt/zeek/include/caf/stream.hpp
-- Installing: /opt/zeek/include/caf/illegal_message_element.hpp
-- Installing: /opt/zeek/include/caf/group.hpp
-- Installing: /opt/zeek/include/caf/fwd.hpp
-- Installing: /opt/zeek/include/caf/make_type_erased_view.hpp
-- Installing: /opt/zeek/include/caf/buffered_downstream_manager.hpp
-- Installing: /opt/zeek/include/caf/fused_downstream_manager.hpp
-- Installing: /opt/zeek/include/caf/stream_finalize_trait.hpp
-- Installing: /opt/zeek/include/caf/prohibit_top_level_spawn_marker.hpp
-- Installing: /opt/zeek/include/caf/config.hpp
-- Installing: /opt/zeek/include/caf/ipv4_subnet.hpp
-- Installing: /opt/zeek/include/caf/may_have_timeout.hpp
-- Installing: /opt/zeek/include/caf/make_message.hpp
-- Installing: /opt/zeek/include/caf/static_visitor.hpp
-- Installing: /opt/zeek/include/caf/scoped_execution_unit.hpp
-- Installing: /opt/zeek/include/caf/downstream_msg.hpp
-- Installing: /opt/zeek/include/caf/attachable.hpp
-- Installing: /opt/zeek/include/caf/typed_actor_view.hpp
-- Installing: /opt/zeek/include/caf/make_source.hpp
-- Installing: /opt/zeek/include/caf/locks.hpp
-- Installing: /opt/zeek/include/caf/stream_slot.hpp
-- Installing: /opt/zeek/include/caf/stream_aborter.hpp
-- Installing: /opt/zeek/include/caf/abstract_group.hpp
-- Installing: /opt/zeek/include/caf/composable_behavior.hpp
-- Installing: /opt/zeek/include/caf/function_view.hpp
-- Installing: /opt/zeek/include/caf/string_view.hpp
-- Installing: /opt/zeek/include/caf/config_option.hpp
-- Installing: /opt/zeek/include/caf/actor_registry.hpp
-- Installing: /opt/zeek/include/caf/stream_stage_driver.hpp
-- Installing: /opt/zeek/include/caf/settings.hpp
-- Installing: /opt/zeek/include/caf/is_actor_handle.hpp
-- Installing: /opt/zeek/include/caf/allowed_unsafe_message_type.hpp
-- Installing: /opt/zeek/include/caf/ipv6_address.hpp
-- Installing: /opt/zeek/include/caf/actor_proxy.hpp
-- Installing: /opt/zeek/include/caf/config_value_adaptor_field.hpp
-- Installing: /opt/zeek/include/caf/group_manager.hpp
-- Installing: /opt/zeek/include/caf/runtime_settings_map.hpp
-- Installing: /opt/zeek/include/caf/stream_priority.hpp
-- Installing: /opt/zeek/include/caf/upstream_msg.hpp
-- Installing: /opt/zeek/include/caf/type_erased_tuple.hpp
-- Installing: /opt/zeek/include/caf/actor_system_config.hpp
-- Installing: /opt/zeek/include/caf/message.hpp
-- Installing: /opt/zeek/include/caf/byte_address.hpp
-- Installing: /opt/zeek/include/caf/term.hpp
-- Installing: /opt/zeek/include/caf/invalid_stream.hpp
-- Installing: /opt/zeek/include/caf/message_view.hpp
-- Installing: /opt/zeek/include/caf/composed_behavior.hpp
-- Installing: /opt/zeek/include/caf/check_typed_input.hpp
-- Installing: /opt/zeek/include/caf/delegated.hpp
-- Installing: /opt/zeek/include/caf/unit.hpp
-- Installing: /opt/zeek/include/caf/skip.hpp
-- Installing: /opt/zeek/include/caf/scheduler
-- Installing: /opt/zeek/include/caf/scheduler/profiled_coordinator.hpp
-- Installing: /opt/zeek/include/caf/scheduler/worker.hpp
-- Installing: /opt/zeek/include/caf/scheduler/test_coordinator.hpp
-- Installing: /opt/zeek/include/caf/scheduler/coordinator.hpp
-- Installing: /opt/zeek/include/caf/scheduler/abstract_coordinator.hpp
-- Installing: /opt/zeek/include/caf/intrusive_cow_ptr.hpp
-- Installing: /opt/zeek/include/caf/downstream_manager.hpp
-- Installing: /opt/zeek/include/caf/ip_address.hpp
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-- Installing: /opt/zeek/include/caf/uri.hpp
-- Installing: /opt/zeek/include/caf/timespan.hpp
-- Installing: /opt/zeek/include/caf/config_value_object_access.hpp
-- Installing: /opt/zeek/include/caf/make_actor.hpp
-- Installing: /opt/zeek/include/caf/index_mapping.hpp
-- Installing: /opt/zeek/include/caf/stream_sink_driver.hpp
-- Installing: /opt/zeek/include/caf/attach_stream_source.hpp
-- Installing: /opt/zeek/lib/libcaf_io.so.0.17.3
-- Set runtime path of "/opt/zeek/lib/libcaf_io.so.0.17.3" to ""
-- Installing: /opt/zeek/lib/libcaf_io.so
-- Up-to-date: /opt/zeek/include/caf
-- Up-to-date: /opt/zeek/include/caf/policy
-- Installing: /opt/zeek/include/caf/policy/udp.hpp
-- Installing: /opt/zeek/include/caf/policy/tcp.hpp
-- Installing: /opt/zeek/include/caf/io
-- Installing: /opt/zeek/include/caf/io/connect.hpp
-- Installing: /opt/zeek/include/caf/io/datagram_handle.hpp
-- Installing: /opt/zeek/include/caf/io/remote_actor.hpp
-- Installing: /opt/zeek/include/caf/io/broker_servant.hpp
-- Installing: /opt/zeek/include/caf/io/unpublish.hpp
-- Installing: /opt/zeek/include/caf/io/subscribe.hpp
-- Installing: /opt/zeek/include/caf/io/middleman_actor_impl.hpp
-- Installing: /opt/zeek/include/caf/io/publish_local_groups.hpp
-- Installing: /opt/zeek/include/caf/io/handle.hpp
-- Installing: /opt/zeek/include/caf/io/abstract_broker.hpp
-- Installing: /opt/zeek/include/caf/io/middleman.hpp
-- Installing: /opt/zeek/include/caf/io/broker.hpp
-- Installing: /opt/zeek/include/caf/io/connection_helper.hpp
-- Installing: /opt/zeek/include/caf/io/system_messages.hpp
-- Installing: /opt/zeek/include/caf/io/datagram_servant.hpp
-- Installing: /opt/zeek/include/caf/io/basp_broker.hpp
-- Installing: /opt/zeek/include/caf/io/close.hpp
-- Installing: /opt/zeek/include/caf/io/all.hpp
-- Installing: /opt/zeek/include/caf/io/accept_handle.hpp
-- Installing: /opt/zeek/include/caf/io/open.hpp
-- Installing: /opt/zeek/include/caf/io/publish.hpp
-- Installing: /opt/zeek/include/caf/io/fwd.hpp
-- Installing: /opt/zeek/include/caf/io/remote_group.hpp
-- Installing: /opt/zeek/include/caf/io/typed_broker.hpp
-- Installing: /opt/zeek/include/caf/io/receive_policy.hpp
-- Installing: /opt/zeek/include/caf/io/connection_handle.hpp
-- Installing: /opt/zeek/include/caf/io/middleman_actor.hpp
-- Installing: /opt/zeek/include/caf/io/basp
-- Installing: /opt/zeek/include/caf/io/basp/version.hpp
-- Installing: /opt/zeek/include/caf/io/basp/remote_message_handler.hpp
-- Installing: /opt/zeek/include/caf/io/basp/routing_table.hpp
-- Installing: /opt/zeek/include/caf/io/basp/header.hpp
-- Installing: /opt/zeek/include/caf/io/basp/buffer_type.hpp
-- Installing: /opt/zeek/include/caf/io/basp/message_type.hpp
-- Installing: /opt/zeek/include/caf/io/basp/all.hpp
-- Installing: /opt/zeek/include/caf/io/basp/connection_state.hpp
-- Installing: /opt/zeek/include/caf/io/basp/endpoint_context.hpp
-- Installing: /opt/zeek/include/caf/io/basp/instance.hpp
-- Installing: /opt/zeek/include/caf/io/basp/fwd.hpp
-- Installing: /opt/zeek/include/caf/io/basp/worker.hpp
-- Installing: /opt/zeek/include/caf/io/basp/message_queue.hpp
-- Installing: /opt/zeek/include/caf/io/network
-- Installing: /opt/zeek/include/caf/io/network/manager.hpp
-- Installing: /opt/zeek/include/caf/io/network/default_multiplexer.hpp
-- Installing: /opt/zeek/include/caf/io/network/datagram_servant_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/event_handler.hpp
-- Installing: /opt/zeek/include/caf/io/network/operation.hpp
-- Installing: /opt/zeek/include/caf/io/network/acceptor_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/native_socket.hpp
-- Installing: /opt/zeek/include/caf/io/network/stream_manager.hpp
-- Installing: /opt/zeek/include/caf/io/network/doorman_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/receive_buffer.hpp
-- Installing: /opt/zeek/include/caf/io/network/test_multiplexer.hpp
-- Installing: /opt/zeek/include/caf/io/network/datagram_handler_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/ip_endpoint.hpp
-- Installing: /opt/zeek/include/caf/io/network/datagram_handler.hpp
-- Installing: /opt/zeek/include/caf/io/network/pipe_reader.hpp
-- Installing: /opt/zeek/include/caf/io/network/acceptor.hpp
-- Installing: /opt/zeek/include/caf/io/network/stream_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/subscribe_impl.hpp
-- Installing: /opt/zeek/include/caf/io/network/protocol.hpp
-- Installing: /opt/zeek/include/caf/io/network/multiplexer.hpp
-- Installing: /opt/zeek/include/caf/io/network/datagram_manager.hpp
-- Installing: /opt/zeek/include/caf/io/network/rw_state.hpp
-- Installing: /opt/zeek/include/caf/io/network/stream.hpp
-- Installing: /opt/zeek/include/caf/io/network/interfaces.hpp
-- Installing: /opt/zeek/include/caf/io/network/acceptor_manager.hpp
-- Installing: /opt/zeek/include/caf/io/doorman.hpp
-- Up-to-date: /opt/zeek/include/caf/detail
-- Installing: /opt/zeek/include/caf/detail/call_cfun.hpp
-- Installing: /opt/zeek/include/caf/detail/socket_guard.hpp
-- Installing: /opt/zeek/lib/libcaf_openssl.so.0.17.3
-- Set runtime path of "/opt/zeek/lib/libcaf_openssl.so.0.17.3" to ""
-- Installing: /opt/zeek/lib/libcaf_openssl.so
-- Up-to-date: /opt/zeek/include/caf
-- Installing: /opt/zeek/include/caf/openssl

```

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-- Installing: /opt/zeek/include/caf/openssl/manager.hpp
-- Installing: /opt/zeek/include/caf/openssl/remote_actor.hpp
-- Installing: /opt/zeek/include/caf/openssl/unpublish.hpp
-- Installing: /opt/zeek/include/caf/openssl/session.hpp
-- Installing: /opt/zeek/include/caf/openssl/all.hpp
-- Installing: /opt/zeek/include/caf/openssl/publish.hpp
-- Installing: /opt/zeek/include/caf/openssl/middleman_actor.hpp
make[2]: Leaving directory '/tmp/zeek/build/aux/broker/caf-build'
-- Installing: /opt/zeek/include/broker
-- Installing: /opt/zeek/include/broker/zeek.hh
-- Installing: /opt/zeek/include/broker/none.hh
-- Installing: /opt/zeek/include/broker/convert.hh
-- Installing: /opt/zeek/include/broker/fwd.hh
-- Installing: /opt/zeek/include/broker/message.hh
-- Installing: /opt/zeek/include/broker/error.hh
-- Installing: /opt/zeek/include/broker/backend.hh
-- Installing: /opt/zeek/include/broker/endpoint.hh
-- Installing: /opt/zeek/include/broker/subscriber_base.hh
-- Installing: /opt/zeek/include/broker/expected.hh
-- Installing: /opt/zeek/include/broker/store.hh
-- Installing: /opt/zeek/include/broker/api_flags.hh
-- Installing: /opt/zeek/include/broker/optional.hh
-- Installing: /opt/zeek/include/broker/topic.hh
-- Installing: /opt/zeek/include/broker/address.hh
-- Installing: /opt/zeek/include/broker/subscriber.hh
-- Installing: /opt/zeek/include/broker/bad_variant_access.hh
-- Installing: /opt/zeek/include/broker/frontend.hh
-- Installing: /opt/zeek/include/broker/filter_type.hh
-- Installing: /opt/zeek/include/broker/peer_filter.hh
-- Installing: /opt/zeek/include/broker/peer_flags.hh
-- Installing: /opt/zeek/include/broker/data.hh
-- Installing: /opt/zeek/include/broker/core_actor.hh
-- Installing: /opt/zeek/include/broker/endpoint_info.hh
-- Installing: /opt/zeek/include/broker/configuration.hh
-- Installing: /opt/zeek/include/broker/peer_info.hh
-- Installing: /opt/zeek/include/broker/status_subscriber.hh
-- Installing: /opt/zeek/include/broker/internal_command.hh
-- Installing: /opt/zeek/include/broker/timeout.hh
-- Installing: /opt/zeek/include/broker/time.hh
-- Installing: /opt/zeek/include/broker/mailbox.hh
-- Installing: /opt/zeek/include/broker/port.hh
-- Installing: /opt/zeek/include/broker/snapshot.hh
-- Installing: /opt/zeek/include/broker/backend_options.hh
-- Installing: /opt/zeek/include/broker/bro.hh
-- Installing: /opt/zeek/include/broker/peer_status.hh
-- Installing: /opt/zeek/include/broker/publisher.hh
-- Installing: /opt/zeek/include/broker/enum_value.hh
-- Installing: /opt/zeek/include/broker/detail
-- Installing: /opt/zeek/include/broker/detail/shared_queue.hh
-- Installing: /opt/zeek/include/broker/detail/assert.hh
-- Installing: /opt/zeek/include/broker/detail/subscription.hh
-- Installing: /opt/zeek/include/broker/detail/meta_command_writer.hh
-- Installing: /opt/zeek/include/broker/detail/shared_subscriber_queue.hh
-- Installing: /opt/zeek/include/broker/detail/core_policy.hh
-- Installing: /opt/zeek/include/broker/detail/generator_file_reader.hh
-- Installing: /opt/zeek/include/broker/detail/sqlite_backend.hh
-- Installing: /opt/zeek/include/broker/detail/type_traits.hh
-- Installing: /opt/zeek/include/broker/detail/core_scatterer.hh
-- Installing: /opt/zeek/include/broker/detail/data_generator.hh
-- Installing: /opt/zeek/include/broker/detail/flare_actor.hh
-- Installing: /opt/zeek/include/broker/detail/network_cache.hh
-- Installing: /opt/zeek/include/broker/detail/operators.hh
-- Installing: /opt/zeek/include/broker/detail/prefix_matcher.hh
-- Installing: /opt/zeek/include/broker/detail/generator_file_writer.hh
-- Installing: /opt/zeek/include/broker/detail/flare.hh
-- Installing: /opt/zeek/include/broker/detail/master_resolver.hh
-- Installing: /opt/zeek/include/broker/detail/hash.hh
-- Installing: /opt/zeek/include/broker/detail/filesystem.hh
-- Installing: /opt/zeek/include/broker/detail/master_actor.hh
-- Installing: /opt/zeek/include/broker/detail/appliers.hh
-- Installing: /opt/zeek/include/broker/detail/die.hh
-- Installing: /opt/zeek/include/broker/detail/rocksdb_backend.hh
-- Installing: /opt/zeek/include/broker/detail/clone_actor.hh
-- Installing: /opt/zeek/include/broker/detail/abstract_backend.hh
-- Installing: /opt/zeek/include/broker/detail/meta_data_writer.hh
-- Installing: /opt/zeek/include/broker/detail/shared_publisher_queue.hh
-- Installing: /opt/zeek/include/broker/detail/scoped_flare_actor.hh
-- Installing: /opt/zeek/include/broker/detail/make_backend.hh
-- Installing: /opt/zeek/include/broker/detail/radix_tree.hh
-- Installing: /opt/zeek/include/broker/detail/blob.hh
-- Installing: /opt/zeek/include/broker/detail/memory_backend.hh
-- Installing: /opt/zeek/include/broker/logger.hh
-- Installing: /opt/zeek/include/broker/version.hh
-- Installing: /opt/zeek/include/broker/atoms.hh
-- Installing: /opt/zeek/include/broker/subnet.hh
-- Installing: /opt/zeek/include/broker/network_info.hh
-- Installing: /opt/zeek/include/broker/broker.hh
-- Installing: /opt/zeek/include/broker/status.hh
-- Installing: /opt/zeek/include/broker/defaults.hh
-- Installing: /opt/zeek/include/broker/config.hh
-- Installing: /opt/zeek/lib/libbroker.so.1.2

```

```
-- Installing: /opt/zeek/lib/libbroker.so.2
-- Set runtime path of "/opt/zeek/lib/libbroker.so.1.2" to "/opt/zeek/lib"
-- Installing: /opt/zeek/lib/libbroker.so
-- Installing: /opt/zeek/lib/zeekctl/broker/_broker.so
-- Set runtime path of "/opt/zeek/lib/zeekctl/broker/_broker.so" to "/opt/zeek/lib"
-- Up-to-date: /opt/zeek/lib/zeekctl/broker
-- Installing: /opt/zeek/lib/zeekctl/broker/zeek.py
-- Installing: /opt/zeek/lib/zeekctl/broker/__init__.py
-- Installing: /opt/zeek/lib/zeekctl/broker/bro.py
-- Installing: /opt/zeek/bin/zeek
-- Set runtime path of "/opt/zeek/bin/zeek" to "/opt/zeek/lib:/opt/PF_RING/lib"
-- Installing: /opt/zeek/share/zeek/base/bif
-- Installing: /opt/zeek/share/zeek/base/bif/reporter.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/bloom-filter.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/zeekygen.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/cardinality-counter.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/pcap.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/comm.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/option.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/const.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/zeek.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/input.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/stats.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/store.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/logging.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/strings.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Unified2.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SIP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_transform_header.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_X509.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_KRB.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RDP.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FTP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_tree_disconnect.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NoneWriter.none.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_echo.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_transaction2.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_negotiate.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_HTTP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_tree_disconnect.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_BitTorrent.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_ConnSize.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NTP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RDP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_tree_connect_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NTP.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_ConfigReader.config.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SNMP.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_create_directory.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_negotiate.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_check_directory.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_UDP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Syslog.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Ident.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_XMPP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DCE_RPC.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NTLM.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_HTTP.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_ICMP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_write.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_POP3.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_AsciiReader.ascii.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_AsciiWriter.ascii.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSL.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RawReader.raw.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_transaction.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SOCKS.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_MQTT.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_VXLAN.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_MQTT.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_IRC.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SNMP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_read.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_TCP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NetBIOS.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_transaction2_secondary.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SQLiteWriter.sqlite.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_nt_cancel.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSH.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SQLiteReader.sqlite.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_session_setup_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Teredo.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_X509.ocsp_events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_set_info.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_ARP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMTTP.events.bif.zeek
```

```
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_PE.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DHCP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_X509.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_transaction_secondary.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SteppingStone.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Finger.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_X509.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSMTP.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_tree_connect.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NCP.consts.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_logoff_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DHCP.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Unified2.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.consts.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSL.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_BinaryReader.binary.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_GTPv1.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSL.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_TCP.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DNP3.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Gnutella.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_File.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_read_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RFB.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_TCP.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FTP.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_session_setup.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_ConnSize.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NTLM.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Login.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_write_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_GSSAPI.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_close.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_nt_create_andx.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_IMAP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FileEntropy.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Login.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NCP.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DCE_RPC.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_BenchmarkReader.benchmark.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RADIUS.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_KRB.types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_MIME.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_RPC.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_MySQL.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb1_com_query_information.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_Modbus.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DCE_RPC.consts.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FileExtract.functions.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSH.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_NetBIOS.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SSL.consts.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_DNS.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_close.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_SMB.smb2_com_create.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FileHash.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/plugins/Zeek_FileExtract.events.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/data.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/top-k.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/file_analysis.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/types.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/analyzer.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/messaging.bif.zeek
-- Installing: /opt/zeek/share/zeek/base/bif/event.bif.zeek
-- Installing: /opt/zeek/lib/zeek/plugins
-- Up-to-date: /opt/zeek/include/zeek
-- Installing: /opt/zeek/include/zeek/input.h
-- Installing: /opt/zeek/include/zeek/broker
-- Installing: /opt/zeek/include/zeek/broker/Manager.h
-- Installing: /opt/zeek/include/zeek/broker/Data.h
-- Installing: /opt/zeek/include/zeek/broker/Store.h
-- Installing: /opt/zeek/include/zeek/IntrusivePtr.h
-- Installing: /opt/zeek/include/zeek/bro.pac
-- Installing: /opt/zeek/include/zeek/RandTest.h
-- Installing: /opt/zeek/include/zeek/Dict.h
-- Installing: /opt/zeek/include/zeek/EventRegistry.h
-- Installing: /opt/zeek/include/zeek/input
-- Installing: /opt/zeek/include/zeek/input/ReaderFrontend.h
-- Installing: /opt/zeek/include/zeek/input/Component.h
-- Installing: /opt/zeek/include/zeek/input/ReaderBackend.h
-- Installing: /opt/zeek/include/zeek/input/Manager.h
-- Installing: /opt/zeek/include/zeek/input/Tag.h
-- Installing: /opt/zeek/include/zeek/input/readers
-- Installing: /opt/zeek/include/zeek/input/readers/config
-- Installing: /opt/zeek/include/zeek/input/readers/config/Config.h
-- Installing: /opt/zeek/include/zeek/input/readers/binary
-- Installing: /opt/zeek/include/zeek/input/readers/binary/Binary.h
-- Installing: /opt/zeek/include/zeek/input/readers/raw
-- Installing: /opt/zeek/include/zeek/input/readers/raw/Raw.h
```

```
-- Installing: /opt/zeek/include/zeek/input/readers/raw/Plugin.h
-- Installing: /opt/zeek/include/zeek/input/readers/sqlite
-- Installing: /opt/zeek/include/zeek/input/readers/sqlite/SQLite.h
-- Installing: /opt/zeek/include/zeek/input/readers/benchmark
-- Installing: /opt/zeek/include/zeek/input/readers/benchmark/Benchmark.h
-- Installing: /opt/zeek/include/zeek/input/readers/ascii
-- Installing: /opt/zeek/include/zeek/input/readers/ascii/Ascii.h
-- Installing: /opt/zeek/include/zeek/patricia.h
-- Installing: /opt/zeek/include/zeek/Notifier.h
-- Installing: /opt/zeek/include/zeek/Traverse.h
-- Installing: /opt/zeek/include/zeek/TraverseTypes.h
-- Installing: /opt/zeek/include/zeek/Frame.h
-- Installing: /opt/zeek/include/zeek/binpac.pac
-- Installing: /opt/zeek/include/zeek/PacketDumper.h
-- Installing: /opt/zeek/include/zeek/List.h
-- Installing: /opt/zeek/include/zeek/PacketFilter.h
-- Installing: /opt/zeek/include/zeek/DbgWatch.h
-- Installing: /opt/zeek/include/zeek/file_analysis
-- Installing: /opt/zeek/include/zeek/file_analysis/Analyzer.h
-- Installing: /opt/zeek/include/zeek/file_analysis/FileReassembler.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/x509-signed_certificate_timestamp.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/X509.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/x509-extension.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/X509Common.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/OCSP.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/PE.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe-file-headers.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe-file-types.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe-analyzer.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe-file.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/pe-file-idata.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/hash
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/hash/Hash.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/entropy
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/entropy/Entropy.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/data_event
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/data_event/DataEvent.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/Unified2.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/unified2-file.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/unified2-analyzer.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/unified2.pac
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/extract
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/extract/Extract.h
-- Installing: /opt/zeek/include/zeek/file_analysis/Component.h
-- Installing: /opt/zeek/include/zeek/file_analysis/AnalyzerSet.h
-- Installing: /opt/zeek/include/zeek/file_analysis/FileTimer.h
-- Installing: /opt/zeek/include/zeek/file_analysis/Manager.h
-- Installing: /opt/zeek/include/zeek/file_analysis/File.h
-- Installing: /opt/zeek/include/zeek/file_analysis/Tag.h
-- Installing: /opt/zeek/include/zeek/siphhash24.h
-- Installing: /opt/zeek/include/zeek/analyzer
-- Installing: /opt/zeek/include/zeek/analyzer/protocol
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/icmp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/icmp/ICMP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb/rfb-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb/rfb.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb/RFB.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb/rfb-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ftp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ftp/FTP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/arp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/arp/ARP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/gnutella
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/gnutella/Gnutella.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog/syslog.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog/syslog-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog/Syslog.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog/syslog-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/vxlan
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/vxlan/VXLAN.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/asn1
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/asn1/asn1.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/consts.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/ssh-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/ssh.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/ssh-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/SSH.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/rdp.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/rdp-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/RDP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/rdp-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/gssapi
```

[illegible]


```
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/radius/RADIUS.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/radius/radius-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/radius/radius.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/radius/radius-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/netbios
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/netbios/NetbiosSSN.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/udp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/udp/UDP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/pop3
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/pop3/POP3.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/mime
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/mime/MIME.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc/MOUNT.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc/NFS.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc/RPC.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc/XDR.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rpc/Portmap.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/file
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/file/File.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp/dhcp-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp/dhcp-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp/dhcp-options.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp/DHCP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dhcp/dhcp.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/snmp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/snmp/snmp-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/snmp/snmp-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/snmp/SNMP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/snmp/snmp.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ayiya
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ayiya/AIYIA.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ayiya/ayiya-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ayiya/ayiya.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ayiya/ayiya-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/zip
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/zip/ZIP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/irc
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/irc/IRC.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/imap
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/imap/imap.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/imap/imap-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/imap/imap-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/imap/IMAP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-defs.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-types.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-padata.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-asn1.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/krb_TCP.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/KRB.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/krb/KRB_TCP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3/dnp3.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3/dnp3-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3/DNP3.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3/dnp3-objects.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dnp3/dnp3-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smtp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smtp/SMTP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/finger
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/finger/Finger.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ncp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ncp/NCP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ncp/ncp.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntlm
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntlm/ntlm.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntlm/ntlm-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntlm/NTLM.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntlm/ntlm-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/TCP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/ContentLine.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/TCP_Endpoint.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/TCP_Reassembler.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/Stats.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/tcp/TCP_Flags.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login/Login.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login/Telnet.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login/Rlogin.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login/NVT.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/login/RSH.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ident
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ident/Ident.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dns
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/dns/DNS.h
```

```
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp/ntp-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp/NTP.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp/ntp.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp/ntp-mode7.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ntp/ntp-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/stepping-stone
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/stepping-stone/SteppingStone.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-read.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-gssapi.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-session-setup-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-tree-connect.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-transaction.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-echo.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-transaction2.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-check-directory.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-time.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-set-info.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-query-information.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-transaction2-secondary.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/SMB.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-logoff-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-common.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-tree-disconnect.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-create-directory.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-nt-transact.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-close.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-tree-disconnect.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-tree-connect-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-nt-create-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-write-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-transform-header.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-pipe.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-ioctl.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-negotiate.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-close.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-read-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-locking-andx.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-strings.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb-mailslot.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-transaction-secondary.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-lock.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-create.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-write.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-nt-cancel.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1-com-negotiate.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2-com-session-setup.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/bittorrent-analyzer.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/bittorrent-protocol.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/bittorrent.pac
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/BitTorrentTracker.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/BitTorrent.h
-- Installing: /opt/zeek/include/zeek/analyzer/Analyzer.h
-- Installing: /opt/zeek/include/zeek/analyzer/Component.h
-- Installing: /opt/zeek/include/zeek/analyzer/Manager.h
-- Installing: /opt/zeek/include/zeek/analyzer/Tag.h
-- Installing: /opt/zeek/include/zeek/Debug.h
-- Installing: /opt/zeek/include/zeek/plugin
-- Installing: /opt/zeek/include/zeek/plugin/Plugin.h
-- Installing: /opt/zeek/include/zeek/plugin/Component.h
-- Installing: /opt/zeek/include/zeek/plugin/Manager.h
-- Installing: /opt/zeek/include/zeek/plugin/TaggedComponent.h
-- Installing: /opt/zeek/include/zeek/plugin/ComponentManager.h
-- Installing: /opt/zeek/include/zeek/RuleCondition.h
-- Installing: /opt/zeek/include/zeek/DebugCmds.h
-- Installing: /opt/zeek/include/zeek/RuleMatcher.h
-- Installing: /opt/zeek/include/zeek/Frag.h
-- Installing: /opt/zeek/include/zeek/Pipe.h
-- Installing: /opt/zeek/include/zeek/bro-bif.h
-- Installing: /opt/zeek/include/zeek/EventHandler.h
-- Installing: /opt/zeek/include/zeek/DbgBreakpoint.h
-- Installing: /opt/zeek/include/zeek/setsignal.h
-- Installing: /opt/zeek/include/zeek/Discard.h
-- Installing: /opt/zeek/include/zeek/EquivClass.h
-- Installing: /opt/zeek/include/zeek/modp_numtoa.h
-- Installing: /opt/zeek/include/zeek/DebugLogger.h
-- Installing: /opt/zeek/include/zeek/module_util.h
-- Installing: /opt/zeek/include/zeek/3rdparty
-- Installing: /opt/zeek/include/zeek/Sessions.h
-- Installing: /opt/zeek/include/zeek/Brofiler.h
-- Installing: /opt/zeek/include/zeek/util.h
-- Installing: /opt/zeek/include/zeek/Event.h
-- Installing: /opt/zeek/include/zeek/PolicyFile.h
-- Installing: /opt/zeek/include/zeek/Desc.h
-- Installing: /opt/zeek/include/zeek/BroList.h
-- Installing: /opt/zeek/include/zeek/DebugCmdInfoConstants.h
```

```
-- Installing: /opt/zeek/include/zeek/binpac_bro-lib.pac
-- Installing: /opt/zeek/include/zeek/bro_inet_ntop.h
-- Installing: /opt/zeek/include/zeek/Continuation.h
-- Installing: /opt/zeek/include/zeek/IntSet.h
-- Installing: /opt/zeek/include/zeek/Trigger.h
-- Installing: /opt/zeek/include/zeek/Expr.h
-- Installing: /opt/zeek/include/zeek/TunnelEncapsulation.h
-- Installing: /opt/zeek/include/zeek/Rule.h
-- Installing: /opt/zeek/include/zeek/NetVar.h
-- Installing: /opt/zeek/include/zeek/UID.h
-- Installing: /opt/zeek/include/zeek/iosource
-- Installing: /opt/zeek/include/zeek/iosource/PktDumper.h
-- Installing: /opt/zeek/include/zeek/iosource/IOSource.h
-- Installing: /opt/zeek/include/zeek/iosource/Packet.h
-- Installing: /opt/zeek/include/zeek/iosource/Component.h
-- Installing: /opt/zeek/include/zeek/iosource/BPF_Program.h
-- Installing: /opt/zeek/include/zeek/iosource/Manager.h
-- Installing: /opt/zeek/include/zeek/iosource/PktSrc.h
-- Installing: /opt/zeek/include/zeek/iosource/pcap
-- Installing: /opt/zeek/include/zeek/iosource/pcap/Dumper.h
-- Installing: /opt/zeek/include/zeek/iosource/pcap/Source.h
-- Installing: /opt/zeek/include/zeek/iosource/FD_Set.h
-- Installing: /opt/zeek/include/zeek/Var.h
-- Installing: /opt/zeek/include/zeek/ConvertUTF.h
-- Installing: /opt/zeek/include/zeek/Anon.h
-- Installing: /opt/zeek/include/zeek/Scope.h
-- Installing: /opt/zeek/include/zeek/Flare.h
-- Installing: /opt/zeek/include/zeek/Queue.h
-- Installing: /opt/zeek/include/zeek/DFA.h
-- Installing: /opt/zeek/include/zeek/nb_dns.h
-- Installing: /opt/zeek/include/zeek/Stmt.h
-- Installing: /opt/zeek/include/zeek/Hash.h
-- Installing: /opt/zeek/include/zeek/PrefixTable.h
-- Installing: /opt/zeek/include/zeek/DbgDisplay.h
-- Installing: /opt/zeek/include/zeek/Net.h
-- Installing: /opt/zeek/include/zeek/net_util.h
-- Installing: /opt/zeek/include/zeek/PriorityQueue.h
-- Installing: /opt/zeek/include/zeek/binpac-lib.pac
-- Installing: /opt/zeek/include/zeek/StmtEnums.h
-- Installing: /opt/zeek/include/zeek/Type.h
-- Installing: /opt/zeek/include/zeek/SmithWaterman.h
-- Installing: /opt/zeek/include/zeek/Obj.h
-- Installing: /opt/zeek/include/zeek/ID.h
-- Installing: /opt/zeek/include/zeek/DNS_Mgr.h
-- Installing: /opt/zeek/include/zeek/CompHash.h
-- Installing: /opt/zeek/include/zeek/threading
-- Installing: /opt/zeek/include/zeek/threading/MsgThread.h
-- Installing: /opt/zeek/include/zeek/threading/BasicThread.h
-- Installing: /opt/zeek/include/zeek/threading/Formatter.h
-- Installing: /opt/zeek/include/zeek/threading/formatters
-- Installing: /opt/zeek/include/zeek/threading/formatters/Ascii.h
-- Installing: /opt/zeek/include/zeek/threading/formatters/JSON.h
-- Installing: /opt/zeek/include/zeek/threading/Manager.h
-- Installing: /opt/zeek/include/zeek/threading/Queue.h
-- Installing: /opt/zeek/include/zeek/threading/SerialTypes.h
-- Installing: /opt/zeek/include/zeek/probabilistic
-- Installing: /opt/zeek/include/zeek/probabilistic/Hasher.h
-- Installing: /opt/zeek/include/zeek/probabilistic/Topk.h
-- Installing: /opt/zeek/include/zeek/probabilistic/CounterVector.h
-- Installing: /opt/zeek/include/zeek/probabilistic/BloomFilter.h
-- Installing: /opt/zeek/include/zeek/probabilistic/BitVector.h
-- Installing: /opt/zeek/include/zeek/probabilistic/CardinalityCounter.h
-- Installing: /opt/zeek/include/zeek/CCL.h
-- Installing: /opt/zeek/include/zeek/BroString.h
-- Installing: /opt/zeek/include/zeek/Stats.h
-- Installing: /opt/zeek/include/zeek/zeekygen
-- Installing: /opt/zeek/include/zeek/zeekygen/Target.h
-- Installing: /opt/zeek/include/zeek/zeekygen/Configuration.h
-- Installing: /opt/zeek/include/zeek/zeekygen/IdentifierInfo.h
-- Installing: /opt/zeek/include/zeek/zeekygen/Info.h
-- Installing: /opt/zeek/include/zeek/zeekygen/ScriptInfo.h
-- Installing: /opt/zeek/include/zeek/zeekygen/Manager.h
-- Installing: /opt/zeek/include/zeek/zeekygen/Utils.h
-- Installing: /opt/zeek/include/zeek/zeekygen/PackageInfo.h
-- Installing: /opt/zeek/include/zeek/zeekygen/ReStructuredTextTable.h
-- Installing: /opt/zeek/include/zeek/RuleAction.h
-- Installing: /opt/zeek/include/zeek/OpaqueVal.h
-- Installing: /opt/zeek/include/zeek/RE.h
-- Installing: /opt/zeek/include/zeek/File.h
-- Installing: /opt/zeek/include/zeek/Attr.h
-- Installing: /opt/zeek/include/zeek/WeirdState.h
-- Installing: /opt/zeek/include/zeek/Func.h
-- Installing: /opt/zeek/include/zeek/Tag.h
-- Installing: /opt/zeek/include/zeek/Reassem.h
-- Installing: /opt/zeek/include/zeek/Timer.h
-- Installing: /opt/zeek/include/zeek/Val.h
-- Installing: /opt/zeek/include/zeek/IPAddr.h
-- Installing: /opt/zeek/include/zeek/logging
-- Installing: /opt/zeek/include/zeek/logging/writers
-- Installing: /opt/zeek/include/zeek/logging/writers/none
-- Installing: /opt/zeek/include/zeek/logging/writers/none/None.h
```

```
-- Installing: /opt/zeek/include/zeek/logging/writers/sqlite
-- Installing: /opt/zeek/include/zeek/logging/writers/sqlite/SQLite.h
-- Installing: /opt/zeek/include/zeek/logging/writers/ascii
-- Installing: /opt/zeek/include/zeek/logging/writers/ascii/Ascii.h
-- Installing: /opt/zeek/include/zeek/logging/Component.h
-- Installing: /opt/zeek/include/zeek/logging/Manager.h
-- Installing: /opt/zeek/include/zeek/logging/WriterFrontend.h
-- Installing: /opt/zeek/include/zeek/logging/WriterBackend.h
-- Installing: /opt/zeek/include/zeek/logging/Tag.h
-- Installing: /opt/zeek/include/zeek/SerializationFormat.h
-- Installing: /opt/zeek/include/zeek/Conn.h
-- Installing: /opt/zeek/include/zeek/IP.h
-- Installing: /opt/zeek/include/zeek/bsd-getopt-long.h
-- Installing: /opt/zeek/include/zeek/Base64.h
-- Installing: /opt/zeek/include/zeek/binpac_bro.h
-- Installing: /opt/zeek/include/zeek/NFA.h
-- Installing: /opt/zeek/include/zeek/cq.h
-- Installing: /opt/zeek/include/zeek/digest.h
-- Installing: /opt/zeek/include/zeek/EventLauncher.h
-- Installing: /opt/zeek/include/zeek/Reporter.h
-- Up-to-date: /opt/zeek/include/zeek
-- Installing: /opt/zeek/include/zeek/strings.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/reporter.bif.netvar_h
-- Up-to-date: /opt/zeek/include/zeek/broker
-- Installing: /opt/zeek/include/zeek/broker/data.bif.h
-- Installing: /opt/zeek/include/zeek/broker/comm.bif.h
-- Installing: /opt/zeek/include/zeek/broker/store.bif.h
-- Installing: /opt/zeek/include/zeek/broker/messaging.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input
-- Installing: /opt/zeek/include/zeek/input/input.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers
-- Up-to-date: /opt/zeek/include/zeek/input/readers/config
-- Installing: /opt/zeek/include/zeek/input/readers/config/config.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers/binary
-- Installing: /opt/zeek/include/zeek/input/readers/binary/binary.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers/raw
-- Installing: /opt/zeek/include/zeek/input/readers/raw/raw.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers/sqlite
-- Installing: /opt/zeek/include/zeek/input/readers/sqlite/sqlite.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers/benchmark
-- Installing: /opt/zeek/include/zeek/input/readers/benchmark/benchmark.bif.h
-- Up-to-date: /opt/zeek/include/zeek/input/readers/ascii
-- Installing: /opt/zeek/include/zeek/input/readers/ascii/ascii.bif.h
-- Installing: /opt/zeek/include/zeek/option.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/zeek.bif.netvar_h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/x509
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/functions.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/ocsp_events.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/types.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/x509/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/pe
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/pe/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/hash
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/hash/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/entropy
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/entropy/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/data_event
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/unified2
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/types.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/unified2/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/file_analysis/analyzer/extract
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/extract/functions.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/analyzer/extract/events.bif.h
-- Installing: /opt/zeek/include/zeek/file_analysis/file_analysis.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/icmp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/icmp/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/rfb
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rfb/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/ftp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ftp/functions.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ftp/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/arp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/arp/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/gnutella
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/gnutella/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/syslog
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/syslog/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/vxlan
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/vxlan/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/ssh
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/types.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/ssh/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/rdp
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/types.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/rdp/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/gssapi
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/gssapi/events.bif.h
```

[illegible]

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-- Installing: /opt/zeek/include/zeek/analyzer/protocol/stepping-stone/events.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/smb
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_tree_disconnect.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_read.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_transaction.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_nt_cancel.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_events.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_echo.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_session_setup.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_read_andx.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_set_info.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_tree_connect_andx.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_transaction_secondary.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_tree_connect.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_session_setup_andx.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_nt_create_andx.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_transaction2.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/types.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_close.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_check_directory.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_create_directory.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_negotiate.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_create.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_events.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_query_information.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/events.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_transaction2_secondary.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_write_andx.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_transform_header.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/consts.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_write.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_tree_disconnect.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb2_com_negotiate.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_close.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/smb/smb1_com_logoff_andx.bif.h
-- Up-to-date: /opt/zeek/include/zeek/analyzer/protocol/bittorrent
-- Installing: /opt/zeek/include/zeek/analyzer/protocol/bittorrent/events.bif.h
-- Installing: /opt/zeek/include/zeek/analyzer/analyzer.bif.h
-- Installing: /opt/zeek/include/zeek/event.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/types.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/reporter.bif.func_h
-- Installing: /opt/zeek/include/zeek/const.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/option.bif.func_h
-- Installing: /opt/zeek/include/zeek/stats.bif.func_h
-- Installing: /opt/zeek/include/zeek/zeek.bif.func_h
-- Installing: /opt/zeek/include/zeek/types.bif.func_h
-- Up-to-date: /opt/zeek/include/zeek/iosource
-- Up-to-date: /opt/zeek/include/zeek/iosource/pcap
-- Installing: /opt/zeek/include/zeek/iosource/pcap/pcap.bif.h
-- Installing: /opt/zeek/include/zeek/event.bif.func_h
-- Installing: /opt/zeek/include/zeek/stats.bif.netvar_h
-- Installing: /opt/zeek/include/zeek/strings.bif.func_h
-- Installing: /opt/zeek/include/zeek/const.bif.func_h
-- Up-to-date: /opt/zeek/include/zeek/probabilistic
-- Installing: /opt/zeek/include/zeek/probabilistic/cardinality-counter.bif.h
-- Installing: /opt/zeek/include/zeek/probabilistic/bloom-filter.bif.h
-- Installing: /opt/zeek/include/zeek/probabilistic/top-k.bif.h
-- Up-to-date: /opt/zeek/include/zeek/zeekygen
-- Installing: /opt/zeek/include/zeek/zeekygen/zeekygen.bif.h
-- Up-to-date: /opt/zeek/include/zeek/logging
-- Installing: /opt/zeek/include/zeek/logging/logging.bif.h
-- Up-to-date: /opt/zeek/include/zeek/logging/writers
-- Up-to-date: /opt/zeek/include/zeek/logging/writers/none
-- Installing: /opt/zeek/include/zeek/logging/writers/none/bif.h
-- Up-to-date: /opt/zeek/include/zeek/logging/writers/sqlite
-- Installing: /opt/zeek/include/zeek/logging/writers/sqlite/sqlite.bif.h
-- Up-to-date: /opt/zeek/include/zeek/logging/writers/ascii
-- Installing: /opt/zeek/include/zeek/logging/writers/ascii/ascii.bif.h
-- Installing: /opt/zeek/include/zeek/3rdparty/json.hpp
-- Installing: /opt/zeek/include/zeek/3rdparty/sqlite3.h
-- Installing: /opt/zeek/include/zeek/3rdparty/tsl-ordered-map/ordered_map.h
-- Installing: /opt/zeek/include/zeek/3rdparty/tsl-ordered-map/ordered_hash.h
-- Up-to-date: /opt/zeek/share/zeek
-- Up-to-date: /opt/zeek/share/zeek/base
-- Installing: /opt/zeek/share/zeek/base/init-frameworks-and-bifs.zeek
-- Installing: /opt/zeek/share/zeek/base/files
-- Installing: /opt/zeek/share/zeek/base/files/x509
-- Installing: /opt/zeek/share/zeek/base/files/x509/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/files/x509/main.zeek
-- Installing: /opt/zeek/share/zeek/base/files/pe
-- Installing: /opt/zeek/share/zeek/base/files/pe/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/files/pe/consts.zeek
-- Installing: /opt/zeek/share/zeek/base/files/pe/main.zeek
-- Installing: /opt/zeek/share/zeek/base/files/hash
-- Installing: /opt/zeek/share/zeek/base/files/hash/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/files/hash/main.zeek
-- Installing: /opt/zeek/share/zeek/base/files/extract
-- Installing: /opt/zeek/share/zeek/base/files/extract/_load_.zeek
-- Installing: /opt/zeek/share/zeek/base/files/extract/main.zeek
-- Installing: /opt/zeek/share/zeek/base/init-bare.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks

```

[illegible]

```
-- Installing: /opt/zeek/share/zeek/base/frameworks/packet-filter/cluster.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/packet-filter/utils.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/packet-filter/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/packet-filter/netstats.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/non-cluster.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/cluster.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/hll_unique.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/sample.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/topk.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/unique.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/average.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/sum.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/max.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/std-dev.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/min.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/last.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/sumstats/plugins/variance.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/weird.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/actions
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/actions/email_admin.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/actions/add-geodata.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/actions/page.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/actions/pp-alarms.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/notice/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/reporter
-- Installing: /opt/zeek/share/zeek/base/frameworks/reporter/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/reporter/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/tunnels
-- Installing: /opt/zeek/share/zeek/base/frameworks/tunnels/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/tunnels/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/signatures
-- Installing: /opt/zeek/share/zeek/base/frameworks/signatures/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/signatures/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/writers
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/writers/ascii.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/writers/none.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/writers/sqlite.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/main.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/postprocessors
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/postprocessors/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/postprocessors/sftp.zeek
-- Installing: /opt/zeek/share/zeek/base/frameworks/logging/postprocessors/scp.zeek
-- Installing: /opt/zeek/share/zeek/base/misc
-- Installing: /opt/zeek/share/zeek/base/misc/find-filtered-trace.zeek
-- Installing: /opt/zeek/share/zeek/base/misc/version.zeek
-- Installing: /opt/zeek/share/zeek/base/misc/find-checksum-offloading.zeek
-- Installing: /opt/zeek/share/zeek/base/utils
-- Installing: /opt/zeek/share/zeek/base/utils/patterns.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/email.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/geoip-distance.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/directions-and-hosts.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/strings.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/thresholds.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/active-http.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/addr.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/exec.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/files.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/numbers.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/json.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/queue.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/paths.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/dir.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/time.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/hash_hrw.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/urls.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/site.zeek
-- Installing: /opt/zeek/share/zeek/base/utils/conn-ids.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols
-- Installing: /opt/zeek/share/zeek/base/protocols/rfb
-- Installing: /opt/zeek/share/zeek/base/protocols/rfb/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/rfb/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/rfb/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/info.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/___load___zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/utils-commands.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/files.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/gridftp.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/utils.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ftp/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/syslog
```


[illegible]

```
-- Installing: /opt/zeek/share/zeek/base/protocols/krb/files.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/krb/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dnp3
-- Installing: /opt/zeek/share/zeek/base/protocols/dnp3/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/dnp3/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dnp3/consts.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dnp3/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp/files.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp/entities.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smtp/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/tunnels
-- Installing: /opt/zeek/share/zeek/base/protocols/tunnels/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/tunnels/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ntlm
-- Installing: /opt/zeek/share/zeek/base/protocols/ntlm/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ntlm/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dns
-- Installing: /opt/zeek/share/zeek/base/protocols/dns/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dns/consts.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/dns/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ntp
-- Installing: /opt/zeek/share/zeek/base/protocols/ntp/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ntp/consts.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/ntp/main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/dpd.sig
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/const-nt-status.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/__load__.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/smb2-main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/consts.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/const-dos-error.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/files.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/smb1-main.zeek
-- Installing: /opt/zeek/share/zeek/base/protocols/smb/main.zeek
-- Installing: /opt/zeek/share/zeek/base/init-default.zeek
-- Installing: /opt/zeek/share/zeek/site
-- Installing: /opt/zeek/share/zeek/test-all-policy.zeek
-- Installing: /opt/zeek/share/zeek/policy
-- Installing: /opt/zeek/share/zeek/policy/integration
-- Installing: /opt/zeek/share/zeek/policy/integration/collective-intel
-- Installing: /opt/zeek/share/zeek/policy/integration/collective-intel/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/integration/collective-intel/main.zeek
-- Installing: /opt/zeek/share/zeek/policy/integration/barnyard2
-- Installing: /opt/zeek/share/zeek/policy/integration/barnyard2/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/integration/barnyard2/types.zeek
-- Installing: /opt/zeek/share/zeek/policy/integration/barnyard2/main.zeek
-- Installing: /opt/zeek/share/zeek/policy/files
-- Installing: /opt/zeek/share/zeek/policy/files/x509
-- Installing: /opt/zeek/share/zeek/policy/files/x509/log-ocsp.zeek
-- Installing: /opt/zeek/share/zeek/policy/files/unified2
-- Installing: /opt/zeek/share/zeek/policy/files/unified2/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/files/unified2/main.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning
-- Installing: /opt/zeek/share/zeek/policy/tuning/defaults
-- Installing: /opt/zeek/share/zeek/policy/tuning/defaults/warnings.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/defaults/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/defaults/extracted_file_limits.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/defaults/packet-fragments.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/track-all-assets.zeek
-- Installing: /opt/zeek/share/zeek/policy/tuning/json-logs.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks
-- Installing: /opt/zeek/share/zeek/policy/frameworks/control
-- Installing: /opt/zeek/share/zeek/policy/frameworks/control/controlled.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/control/controller.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/dpd
-- Installing: /opt/zeek/share/zeek/policy/frameworks/dpd/detect-protocols.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/dpd/packet-segment-logging.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/software
-- Installing: /opt/zeek/share/zeek/policy/frameworks/software/version-changes.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/software/vulnerable.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/software/windows-version-detection.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/do_expire.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/whitelist.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/removal.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/do_notice.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/pubkey-hashes.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/conn-established.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/file-hashes.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/smtp.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/x509.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/where-locations.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/smb-filenames.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/dns.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/http-headers.zeek
```

```
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/ssl.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/http-url.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/file-names.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/intel/seen/smtp-url-extraction.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/files
-- Installing: /opt/zeek/share/zeek/policy/frameworks/files/entropy-test-all-files.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/files/hash-all-files.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/files/detect-MHR.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/files/extract-all-files.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/netcontrol
-- Installing: /opt/zeek/share/zeek/policy/frameworks/netcontrol/catch-and-release.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/packet-filter
-- Installing: /opt/zeek/share/zeek/policy/frameworks/packet-filter/shunt.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice/actions
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice/actions/drop.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice/extend-email
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice/extend-email/hostnames.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/notice/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/frameworks/signatures
-- Installing: /opt/zeek/share/zeek/policy/frameworks/signatures/detect-windows-shells.sig
-- Installing: /opt/zeek/share/zeek/policy/misc
-- Installing: /opt/zeek/share/zeek/policy/misc/weird-stats.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/trim-trace-file.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/stats.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/detect-traceroute
-- Installing: /opt/zeek/share/zeek/policy/misc/detect-traceroute/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/detect-traceroute/detect-low-ttls.sig
-- Installing: /opt/zeek/share/zeek/policy/misc/detect-traceroute/main.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/profiling.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/load-balancing.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/loaded-scripts.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/dump-events.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/capture-loss.zeek
-- Installing: /opt/zeek/share/zeek/policy/misc/scan.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols
-- Installing: /opt/zeek/share/zeek/policy/protocols/ftp
-- Installing: /opt/zeek/share/zeek/policy/protocols/ftp/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ftp/detect.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ftp/detect-bruteforcing.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssh
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssh/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssh/interesting-hostnames.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssh/geo-data.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssh/detect-bruteforcing.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/rdp
-- Installing: /opt/zeek/share/zeek/policy/protocols/rdp/indicate_ssl.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/notary.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/heartbleed.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/expiring-certs.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/log-hostcerts-only.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/extract-certs-pem.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/validate-certs.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/validate-sct.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/known-certs.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/validate-ocsp.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/ssl/weak-keys.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/mysql
-- Installing: /opt/zeek/share/zeek/policy/protocols/mysql/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/mqtt
-- Installing: /opt/zeek/share/zeek/policy/protocols/mqtt/dpd.sig
-- Installing: /opt/zeek/share/zeek/policy/protocols/mqtt/__load__.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/mqtt/main.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/modbus
-- Installing: /opt/zeek/share/zeek/policy/protocols/modbus/known-masters-slaves.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/modbus/track-memmap.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/known-services.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/speculative-service.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/weirds.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/vlan-logging.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/mac-logging.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/conn/known-hosts.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/detect-sqli.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/var-extraction-uri.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/detect-webapps.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/detect-webapps.sig
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/header-names.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/var-extraction-cookies.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/http/software-browser-plugins.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/dhcp
-- Installing: /opt/zeek/share/zeek/policy/protocols/dhcp/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/dhcp/msg-orig.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/dhcp/sub-opts.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/krb
-- Installing: /opt/zeek/share/zeek/policy/protocols/krb/ticket-logging.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/smtp
-- Installing: /opt/zeek/share/zeek/policy/protocols/smtp/entities-excerpt.zeek
```

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-- Installing: /opt/zeek/share/zeek/policy/protocols/smtp/software.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/smtp/blocklists.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/smtp/detect-suspicious-orig.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/dns
-- Installing: /opt/zeek/share/zeek/policy/protocols/dns/auth-addl.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/dns/detect-external-names.zeek
-- Installing: /opt/zeek/share/zeek/policy/protocols/smb
-- Installing: /opt/zeek/share/zeek/policy/protocols/smb/log-cmds.zeek
-- Installing: /opt/zeek/share/zeek/zeekygen
-- Installing: /opt/zeek/share/zeek/zeekygen/__load__.zeek
-- Installing: /opt/zeek/share/zeek/zeekygen/example.zeek
-- Installing: /opt/zeek/share/zeek/site/local.zeek
-- Installing: /opt/zeek/share/man/man8/.
-- Installing: /opt/zeek/share/man/man8/./zeek.8
-- Installing: /opt/zeek/bin/zeekctl
-- Installing: /opt/zeek/share/zeekctl/scripts/archive-log
-- Installing: /opt/zeek/share/zeekctl/scripts/check-config
-- Installing: /opt/zeek/share/zeekctl/scripts/crash-diag
-- Installing: /opt/zeek/share/zeekctl/scripts/delete-log
-- Installing: /opt/zeek/share/zeekctl/scripts/expire-crash
-- Installing: /opt/zeek/share/zeekctl/scripts/expire-logs
-- Installing: /opt/zeek/share/zeekctl/scripts/make-archive-name
-- Installing: /opt/zeek/share/zeekctl/scripts/post-terminate
-- Installing: /opt/zeek/share/zeekctl/scripts/run-zeek
-- Installing: /opt/zeek/share/zeekctl/scripts/run-zeek-on-trace
-- Installing: /opt/zeek/share/zeekctl/scripts/send-mail
-- Installing: /opt/zeek/share/zeekctl/scripts/stats-to-csv
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/check-pid
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/df
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/first-line
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/start
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/stop
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/top
-- Installing: /opt/zeek/share/zeekctl/scripts/postprocessors/summarize-connections
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/exceptions.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/util.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/cmdresult.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/pluginreg.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/install.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/printdoc.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/control.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/cron.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/node.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/plugin.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/events.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/lock.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/__init__.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/doc.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/py3zeek.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/utilcurses.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/execute.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/zeekcmd.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/zeekctl.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/state.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/config.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/options.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/ssh_runner.py
-- Installing: /opt/zeek/lib/zeekctl/ZeekControl/version.py
-- Installing: /opt/zeek/lib/zeekctl/plugins
-- Installing: /opt/zeek/lib/zeekctl/plugins/ps.py
-- Installing: /opt/zeek/lib/zeekctl/plugins/lb_myricom.py
-- Installing: /opt/zeek/lib/zeekctl/plugins/lb_custom.py
-- Installing: /opt/zeek/lib/zeekctl/plugins/lb_pf_ring.py
-- Installing: /opt/zeek/lib/zeekctl/plugins/TestPlugin.py
-- Installing: /opt/zeek/share/zeekctl/scripts/helpers/to-bytes.awk
-- Installing: /opt/zeek/share/zeekctl/scripts/set-zeek-path
-- Installing: /opt/zeek/share/man/man8/zeekctl.8
-- Up-to-date: /opt/zeek/share/zeek
-- Installing: /opt/zeek/share/zeek/zeekctl
-- Installing: /opt/zeek/share/zeek/zeekctl/__load__.zeek
-- Installing: /opt/zeek/share/zeek/zeekctl/process-trace.zeek
-- Installing: /opt/zeek/share/zeek/zeekctl/check.zeek
-- Installing: /opt/zeek/share/zeek/zeekctl/main.zeek
-- Installing: /opt/zeek/share/zeek/zeekctl/auto.zeek
-- Installing: /opt/zeek/share/zeek/zeekctl/standalone.zeek
-- Installing: /opt/zeek/spool
-- Installing: /opt/zeek/spool/tmp
-- Installing: /opt/zeek/logs
-- Installing: /opt/zeek/spool/zeekctl-config.sh
-- Installing: /opt/zeek/etc/zeekctl.cfg
-- Installing: /opt/zeek/etc/networks.cfg
-- Installing: /opt/zeek/etc/node.cfg
-- Installing: /opt/zeek/lib/zeekctl/BroControl
-- Installing: /opt/zeek/lib/zeekctl/BroControl/cmdresult.py
-- Installing: /opt/zeek/lib/zeekctl/BroControl/plugin.py
-- Installing: /opt/zeek/lib/zeekctl/BroControl/__init__.py
-- Installing: /opt/zeek/lib/zeekctl/BroControl/config.py
-- Installing: /opt/zeek/lib/zeekctl/SubnetTree.py
-- Installing: /opt/zeek/lib/zeekctl/_SubnetTree.so
-- Set runtime path of "/opt/zeek/lib/zeekctl/_SubnetTree.so" to "/opt/zeek/lib"

```

```
-- Installing: /opt/zeek/bin/capstats
-- Set runtime path of "/opt/zeek/bin/capstats" to "/opt/zeek/lib:/opt/PF_RING/lib"
-- Installing: /opt/zeek/bin/trace-summary
-- Installing: /opt/zeek/share/man/man1/trace-summary.1
-- Installing: /opt/zeek/bin/zeek-cut
-- Installing: /opt/zeek/share/man/man1/zeek-cut.1
make[1]: Leaving directory '/tmp/zeek/build'
root@vm07pec4zeek:/tmp/zeek# echo "$PATH:/opt/zeek/bin" >/etc/environment
root@vm07pec4zeek:/tmp/zeek# export PATH=/opt/zeek/bin:$PATH
root@vm07pec4zeek:/tmp/zeek# nano /opt/zeek/etc/node.cfg
```

```
usuario@vm07pec4zeek:~$ cat /opt/zeek/etc/node.cfg
# Example ZeekControl node configuration.
#
# This example has a standalone node ready to go except for possibly changing
# the sniffing interface.

# This is a complete standalone configuration. Most likely you will
# only need to change the interface.
#[zeek]
#type=standalone
#host=localhost
#interface=eth0

## Below is an example clustered configuration. If you use this,
## remove the [zeek] node above.

#[logger]
#type=logger
#host=localhost
#
#[manager]
type=manager
host=localhost
#
[proxy-1]
type=proxy
host=localhost
#
[worker-1]
type=worker
host=localhost
interface=ens160
lb_method=pf_ring
lb_procs=2
#
[worker-2]
type=worker
host=localhost
interface=ens160
lb_method=pf_ring
lb_procs=2
```

```
root@vm07pec4zeek:/tmp/zeek# nano /opt/zeek/etc/networks.cfg
usuario@vm07pec4zeek:~$ cat /opt/zeek/etc/networks.cfg
# List of local networks in CIDR notation, optionally followed by a
# descriptive tag.
# For example, "10.0.0.0/8" or "fe80::/64" are valid prefixes.

10.0.0.0/8          Private IP space
172.16.0.0/12       Private IP space
192.168.0.0/16      Private IP space
```

```
root@vm07pec4zeek:/tmp/zeek#
root@vm07pec4zeek:/tmp/zeek# /opt/zeek/bin/zeekctl install
creating policy directories ...
installing site policies ...
generating cluster-layout.zeek ...
generating local-networks.zeek ...
generating zeekctl-config.zeek ...
generating zeekctl-config.sh ...
root@vm07pec4zeek:/tmp/zeek# /opt/zeek/bin/zeekctl deploy
checking configurations ...
installing ...
removing old policies in /opt/zeek/spool/installed-scripts-do-not-touch/site ...
removing old policies in /opt/zeek/spool/installed-scripts-do-not-touch/auto ...
creating policy directories ...
installing site policies ...
generating cluster-layout.zeek ...
generating local-networks.zeek ...
generating zeekctl-config.zeek ...
generating zeekctl-config.sh ...
stopping ...
stopping workers ...
stopping proxy ...
stopping manager ...
starting ...
starting manager ...
starting proxy ...
```

```

starting workers ...
root@vm07pec4zeek:/tmp/zeek# /opt/zeek/bin/zeekctl status
Name      Type      Host      Status  Pid    Started
manager    manager  localhost running  16781  12 Dec 01:10:03
proxy-1     proxy    localhost running  16829  12 Dec 01:10:04
worker-1-1  worker   localhost running  16911  12 Dec 01:10:06
worker-1-2  worker   localhost running  16915  12 Dec 01:10:06
worker-2-1  worker   localhost running  16920  12 Dec 01:10:06
worker-2-2  worker   localhost running  16919  12 Dec 01:10:06
root@vm07pec4zeek:/tmp/zeek# pwd
/tmp/zeek
root@vm07pec4zeek:/tmp/zeek# cd ..
root@vm07pec4zeek:/tmp# ls
snap.lxd
dcebf827d22f4a6f98f7fe734218c20f-systemd-resolved.service-HHCdQh  vmware-root_822-2965448144
systemd-private-dcebf827d22f4a6f98f7fe734218c20f-systemd-logind.service-3isAdi  systemd-private-
dcebf827d22f4a6f98f7fe734218c20f-systemd-timesyncd.service-CeaCTf  zeek
root@vm07pec4zeek:/tmp# wget http://geolite.maxmind.com/download/geoip/database/GeoLite2-City.tar.gz
--2019-12-12 01:14:14--  http://geolite.maxmind.com/download/geoip/database/GeoLite2-
Resolving geolite.maxmind.com (geolite.maxmind.com)... 104.17.201.89, 104.17.200.89, 2606:4700::6811:c859, ...
Connecting to geolite.maxmind.com (geolite.maxmind.com)|104.17.201.89|:80... connected.
HTTP request sent, awaiting response... 404 Not Found
2019-12-12 01:14:14 ERROR 404: Not Found.

--2019-12-12 01:14:14--  http://city.tar.gz/
Resolving city.tar.gz (city.tar.gz)... failed: Name or service not known.
wget: unable to resolve host address 'city.tar.gz'
root@vm07pec4zeek:/tmp# wget http://geolite.maxmind.com/download/geoip/database/GeoLite2-City.tar.gz
--2019-12-12 01:14:21--  http://geolite.maxmind.com/download/geoip/database/GeoLite2-City.tar.gz
Resolving geolite.maxmind.com (geolite.maxmind.com)... 104.17.200.89, 104.17.201.89, 2606:4700::6811:c959, ...
Connecting to geolite.maxmind.com (geolite.maxmind.com)|104.17.200.89|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 30711694 (29M) [application/gzip]
Saving to: 'GeoLite2-City.tar.gz'

GeoLite2-City.tar.gz                               100%
[=====]
=====] 29,29M  11,0MB/s   in 2,7s

2019-12-12 01:14:24 (11,0 MB/s) - 'GeoLite2-City.tar.gz' saved [30711694/30711694]

root@vm07pec4zeek:/tmp# tar xzf GeoLite2-City.tar.gz
root@vm07pec4zeek:/tmp# mv GeoLite2-City_20191022/GeoLite2-City.mmdb /usr/share/GeoIP/GeoLite2-City.mmdb
mv: cannot stat 'GeoLite2-City_20191022/GeoLite2-City.mmdb': No such file or directory
root@vm07pec4zeek:/tmp# ls -la
total 30048
drwxrwxrwt 14 root root    4096 dic 12 01:14 .
drwxr-xr-x 20 root root    4096 dic 10 00:11 ..
drwxrwxrwt 2 root root    4096 dic 11 23:32 .font-unix
drwxr-xr-x 2 root root    4096 dic 10 16:38 GeoLite2-City_20191210
-rw-r--r-- 1 root root 30711694 dic 10 16:38 GeoLite2-City.tar.gz
drwxrwxrwt 2 root root    4096 dic 11 23:32 .ICE-unix
drwx----- 3 root root    4096 dic 11 23:32 snap.lxd
drwx----- 3 root root    4096 dic 11 23:32 systemd-private-dcebf827d22f4a6f98f7fe734218c20f-systemd-
logind.service-3isAdi
drwx----- 3 root root    4096 dic 11 23:32 systemd-private-dcebf827d22f4a6f98f7fe734218c20f-systemd-
resolved.service-HHCdQh
drwx----- 3 root root    4096 dic 11 23:32 systemd-private-dcebf827d22f4a6f98f7fe734218c20f-systemd-
timesyncd.service-CeaCTf
drwxrwxrwt 2 root root    4096 dic 11 23:32 .Test-unix
drwx----- 2 root root    4096 dic 11 23:32 vmware-root_822-2965448144
drwxrwxrwt 2 root root    4096 dic 11 23:32 .X11-unix
drwxrwxrwt 2 root root    4096 dic 11 23:32 .XIM-unix
drwxr-xr-x 11 root root    4096 dic 11 23:39 zeek
root@vm07pec4zeek:/tmp# cd GeoLite2-City_20191210/
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# ls
COPYRIGHT.txt  GeoLite2-City.mmdb  LICENSE.txt  README.txt
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# mv GeoLite2-City.mmdb /usr/share/GeoIP/GeoLite2-City.mmdb
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# ls -la /usr/share/GeoIP/Geo
ls: cannot access '/usr/share/GeoIP/Geo': No such file or directory
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# ls -la /usr/share/GeoIP/
total 72416
drwxr-xr-x 2 root root    4096 dic 12 01:15 .
drwxr-xr-x 125 root root    4096 dic 11 23:14 ..
-rw-r--r-- 1 root root 2039607 sep 20 09:45 GeoIP.dat
-rw-r--r-- 1 root root 7898259 sep 20 09:45 GeoIPv6.dat
-rw-r--r-- 1 root root 64204493 dic 10 16:38 GeoLite2-City.mmdb
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# /opt/zeek/bin/zeek -e "print lookup_location(8.8.8.8);"
[country_code=US, region=<uninitialized>, city=<uninitialized>, latitude=37.751, longitude=-97.822]
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# /opt/zeek/bin/zeek -e "print lookup_location(1.1.1.1);"
[country_code=AU, region=<uninitialized>, city=<uninitialized>, latitude=-33.494, longitude=143.2104]
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# /opt/zeek/bin/zeekctl top
Name      Type      Host      Pid    VSize  Rss  Cpu  Cmd
manager    manager  localhost 16781   1G    94M   0%  zeek
proxy-1     proxy    localhost 16829  535M   92M   0%  zeek
worker-1-1  worker   localhost 16911  572M  129M  18%  zeek
worker-1-2  worker   localhost 16915  573M  130M  18%  zeek
worker-2-1  worker   localhost 16920  575M  132M  18%  zeek
worker-2-2  worker   localhost 16919  571M  129M  18%  zeek
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# ls -la /opt/zeek/logs/current/
total 152

```

```
drwxr-xr-x 2 root root 4096 dic 12 01:14 .
drwxr-xr-x 10 root root 4096 dic 12 01:17 ..
-rw-r--r-- 1 root root 1213 dic 12 01:10 broker.log
-rw-r--r-- 1 root root 1512 dic 12 01:10 cluster.log
-rw-r--r-- 1 root root 114 dic 12 01:10 .cmdline
-rw-r--r-- 1 root root 18057 dic 12 01:17 conn.log
-rw-r--r-- 1 root root 550 dic 12 01:14 dhcp.log
-rw-r--r-- 1 root root 6099 dic 12 01:17 dns.log
-rw-r--r-- 1 root root 364 dic 12 01:10 .env_vars
-rw-r--r-- 1 root root 1517 dic 12 01:14 files.log
-rw-r--r-- 1 root root 1042 dic 12 01:14 http.log
-rw-r--r-- 1 root root 178 dic 12 01:14 known_hosts.log
-rw-r--r-- 1 root root 243 dic 12 01:14 known_services.log
-rw-r--r-- 1 root root 26048 dic 12 01:10 loaded_scripts.log
-rw-r--r-- 1 root root 914 dic 12 01:14 notice.log
-rw-r--r-- 1 root root 985 dic 12 01:14 ntp.log
-rw-r--r-- 1 root root 187 dic 12 01:10 packet_filter.log
-rw-r--r-- 1 root root 6 dic 12 01:10 .pid
-rw-r--r-- 1 root root 666 dic 12 01:10 reporter.log
-rw-r--r-- 1 root root 1334 dic 12 01:14 ssl.log
-rw-r--r-- 1 root root 58 dic 12 01:10 .startup
-rw-r--r-- 1 root root 1184 dic 12 01:15 stats.log
-rwx----- 1 root root 18 dic 12 01:10 .status
-rw-r--r-- 1 root root 0 dic 12 01:10 stderr.log
-rw-r--r-- 1 root root 188 dic 12 01:10 stdout.log
-rw-r--r-- 1 root root 1074 dic 12 01:14 weird.log
-rw-r--r-- 1 root root 1372 dic 12 01:14 x509.log
root@vm07pec4zeek:/tmp/GeoLite2-City_20191210# cat /opt/zeek/logs/current/conn.log
#separator \x09
#set_separator ,
#empty_field (empty)
#unset_field -
#path conn
#open 2019-12-12-01-10-34
#fields ts uid id.orig_h id.orig_p id.resp_h id.resp_p proto service
duration orig_bytes resp_bytes conn_state local_orig local_resp
missed_bytes history orig_pkts orig_ip_bytes resp_pkts resp_ip_bytes
tunnel_parents
#types time string addr port addr port enum string interval count count string
bool bool count string count count count count set[string]
1576109424.480892Chpym3uM36JOVqTZd 192.168.29.10 5353 224.0.0.251 5353 udp dns -
- - S0 T F 0 D 1 68 0 0 - -
1576109424.591981Cx6shDVEyZeaJNCyfi192.168.29.15 5353 224.0.0.251 5353 udp dns -
- - S0 T F 0 D 1 377 0 0 - -
1576109431.197957CsBQ8s9Cm324YyHZ2192.168.29.12 5353 224.0.0.251 5353 udp dns 4.018764 336
0 - S0 T F 0 D 3 420 0 0 - -
1576109446.593084Cp4hEF31qjEdMW766d 192.168.29.10 5353 224.0.0.251 5353 udp dns -
- - S0 T F 0 D 1 73 0 0 - -
1576109408.289808C8MFu718sPe4Efz51 192.168.29.11 42638 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109409.145876Cqq4y641I0kgYNlj4k 192.168.29.11 41347 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109411.164406CFyb9o2ndLwM5cqc77 192.168.29.11 38478 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109413.169090CxbZJulyFWPuBKlrOd 192.168.29.11 39670 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109431.198752Cj4C8i3dFUWEgA3u27 fe80::c7d:4f12:f6d7:1dfa 5353 ff02::fb 5353 udp dns
4.018800 336 0 S0 F 0 D 3 480 0 0 - -
1576109425.345430CH4WLP21cT5OWZ64R6 192.168.29.11 44584 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109427.419845CeJzK24CLeEzDZC5p2 192.168.29.11 39258 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109478.623316Cabli7HFkfmibJRr3192.168.29.86 54115 1.1.1.1 53 udp dns 0.000610 37 112
SF T F 0 Dd 1 65 1 140 - -
1576109429.468470C35DkM3LIzkrx8Wpd 192.168.29.11 44141 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109430.177108ChUpX2m8xfAbaBeee192.168.29.11 49878 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109431.198803Cew9Xq4Pt8oi7TOWGc fe80::20c:29ff:fe47:6d6c 135 ff02::1:ff00:0 136 icmp -
- - OTH F 0 - 1 72 0 0 - -
1576109432.182785Cp4X2F23HW5vMqK 192.168.29.11 48422 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109434.189061ChbHIF2iHTkVNMbKAK 192.168.29.11 40960 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109446.529347CBOSJa3t2yg8fBM9m192.168.29.11 40891 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109448.416094CDyjt814jXDd97oa36 192.168.29.10 56847 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 154 0 0 - -
1576109448.616162Cs3bgbwycUy0zS5pc192.168.29.11 43571 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109450.647908CLbcVg4jZhafvk108k 192.168.29.11 42319 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 153 0 0 - -
1576109451.179796CRChH9MvQEktroiOj192.168.29.11 44022 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109453.185131CRbjqelpu6boK6aLSe 192.168.29.11 45708 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109455.205335C1OVKs29jw10Ot7Eca 192.168.29.11 41132 239.255.255.250 1900 udp -
- - S0 T F 0 D 1 150 0 0 - -
1576109501.406709Cb49nz484hcTt0cICd 192.168.29.15 5353 224.0.0.251 5353 udp dns
0.001190 389 0 S0 T F 0 D 2 445 0 0 - -
1576109467.929318CAR18347rRcUNR9w8 192.168.29.11 43871 239.255.255.250 1900 udp -
```

-	-	S0	T	F	0	D	1	153	0	0	-
1576109470.006678	C8CiOf3xasZs4hL2Le				192.168.29.11	49263	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109472.053988	CiQys11KaPq5mClpV1	192.168.29.11	43169			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109472.196647	COD7rB2nP11cvMqqQ6				192.168.29.11	43066	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109474.201794	CGuyTL2604PFL7v1Gh				192.168.29.11	49117	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109476.207572	CnrrnFGClx1SwVGBX41	192.168.29.11	40356			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109488.409798	CgytEX1rlJfE35G0M4				192.168.29.83	49325	91.189.91.157	123	udp	ntp	
0.115477	48	48	SF	T	F	0	Dd	1	76	1	76
1576109489.104884	CSFzhn422Xrb0DHUc6				192.168.29.11	47921	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109491.193928	CmchdB2cnIjsISoo6				192.168.29.11	40095	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109493.231303	C02FNr21Z8R9AGv7Ci				192.168.29.11	47599	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109495.217557	CLuYqn143N4inJHZQh				192.168.29.11	43288	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109497.238197	Cjdb11xkWICBV9npb1	192.168.29.11	42940			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109493.231507	CUIbb81JycXXKAa2Te				192.168.29.11	45987	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109501.362853	CJ4GYQ2UyErv2X1TIi3				192.168.29.10	50576	239.255.255.250	1900	udp	-	-
3.001012	700	0	S0	T	F	0	D	4	812	0	0
1576109507.396761	CAMERa2S5132zq3dIf				fe80::f6f5:dbff:fe:fe:8c6d	133	ff02::2	134	icmp	-	-
-	-	OTH	F	F	0	-	1	56	0	0	-
1576109507.396793	Ctp0722McEZGa61nN8				fe80::20c:29ff:fe47:6d6c	135	ff02::1:ff00:0	136	icmp	-	-
-	-	-	OTH	F	F	0	-	1	72	0	0
1576109510.275243	CDWR7n3YNt3hPoI41g				192.168.29.11	48492	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109512.383222	C0T1SRsb45pONKT1g1	192.168.29.11	43436			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109514.247846	CU2csx1qt15KSAKx02				192.168.29.11	44061	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109514.510264	CxSpIt3SWvbgJ2zwb5				192.168.29.11	43537	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109516.253039	Czgenprdrh4x0KHRL61	192.168.29.11	39357			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109566.600581	CC3EDI4p6WeWgqnvC7				192.168.29.10	5353	224.0.0.251	5353	udp	dns	-
-	-	S0	T	F	0	D	1	73	0	0	-
1576109518.258514	C18sbK28BoquNVvY3f				192.168.29.11	39154	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109531.577325	Co2FVolv0Ua0EyCY91	192.168.29.11	43791			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109533.666640	C2nckx14oc3gmd4P31	192.168.29.11	40987			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109535.265834	CmfzJR7SYtNHQqYmd1	192.168.29.11	41729			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109535.695425	CTrFk42Q3i78DuDPBb				192.168.29.11	44412	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109537.269768	C9T7OFcdGfoB4VR7g1	192.168.29.11	49166			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109539.276074	CDT34p3Ctdag3BBkcd				192.168.29.11	48511	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109602.186612	CiHtY542hA4ZsZDXh1				192.168.29.10	5353	224.0.0.251	5353	udp	dns	-
-	-	S0	T	F	0	D	1	68	0	0	-
1576109602.252852	CrW5Nh4CkLf2o6tO82				192.168.29.15	5353	224.0.0.251	5353	udp	dns	-
-	-	S0	T	F	0	D	1	377	0	0	-
1576109552.760465	CadKiCgvg1WpDq9051	192.168.29.11	37392			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109554.849359	CY7pEb2G0ZyvUh3Tx1				192.168.29.11	37663	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109556.284784	CLXAr40Hzt4C3DF7c				192.168.29.11	39610	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109556.878896	CTmYRx3fhejxjuawIe				192.168.29.11	37957	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109558.289995	CI2wq24wj3Bz0sEl04				192.168.29.11	44303	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109560.295600	CMxjdg2Td4gO3ebFnb				192.168.29.11	37836	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109568.424878	CMI0wqNSwAsAnt9J51	192.168.29.10	56847			239.255.255.250	1900	udp	-	-	-
-	-	S0	T	F	0	D	1	154	0	0	-
1576109574.165813	CVDoHy2SUPdt18pE91				192.168.29.11	47269	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109576.238244	CNqOIx3W1AtXurwhmc				192.168.29.11	37525	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109577.303211	CWM9Kz2iKzniWK5Vvf				192.168.29.11	41520	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109578.268149	ClnKYi2VFMLSJvhDhd				192.168.29.11	37829	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	153	0	0	-
1576109579.308596	Cb2HVB3ND6EI1s6Fh3				192.168.29.11	41639	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109581.314845	Curapplp497LaLeH8b				192.168.29.11	48175	239.255.255.250	1900	udp	-	-
-	-	S0	T	F	0	D	1	150	0	0	-
1576109622.260851	C6e7Vi29NwAbx7Lqz8				192.168.29.12	5353	224.0.0.251	5353	udp	dns	-
4.017185	336	0	S0	T	F	0	D	3	420	0	0
1576109622.261679	CHZCHK3LVrrm6Oc8i1				fe80::c7d:4f12:f6d7:1dfa	5353	ff02::fb	5353	udp	dns	-
4.016387	336	0	S0	T	F	0	D	3	480	0	0

1576109654.195134CdhjJbQoJpJvc9BPd192.168.29.90	45038	104.17.201.89	80	tcp	-	-	-
- OTH T F	0 C	0 0	0	0	-	-	-
1576109595.652686Cnk7cA4PVcObmZEwoK	192.168.29.11	46196	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109597.734366Ch1vYc41E5f4B6SWo6	192.168.29.11	41344	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109598.324715CBxZE03TZWS6ieqDOe	192.168.29.11	40458	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109654.207229Cy2Thk220a1ps74Sbh	192.168.29.90	45038	104.17.201.89	80	tcp	-	-
0.224853 0 637 SHR	T F	0 ^hCadf	0 0	5	849	-	-
1576109599.778560CBPU093SoAueMqvxya	192.168.29.11	37042	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109600.329558CId6Dn12D7jGA3uCnj	192.168.29.11	48083	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109661.855475Crds7W2zd9YCUTYume	192.168.29.90	54762	104.17.200.89	80	tcp	-	-
- OTH T	F 0	C 0	0 0	0	-	-	-
1576109602.334253COn8gx2HSkvDs9LCv7	192.168.29.11	38269	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109654.101291CQuEcd2ZcobPGq1g2c	192.168.29.90	35840	1.1.1.1 53	udp	dns	0.076038 0	
80 SHR T F	0 Cd	0 0	1	108	-	-	-
1576109654.302051CmbeFj2awP9arewZwi	192.168.29.90	39275	1.1.1.1 53	udp	dns	0.114793 0	
115 SHR T F	0 Cd	0 0	1	143	-	-	-
1576109661.867896CpTiEoiDZLfpsn7h2192.168.29.90	54762	104.17.200.89	80	tcp	-	2.692298 0	
30712307 SHR T F	0 ^hCadCCCCf	0 0	21353	31566439	-	-	-
1576109616.814332CjKC7e2Qjw8CDjMJe7	192.168.29.11	39748	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109654.101460CteHEb8w2mIJbcNC5192.168.29.90	34128	1.1.1.1 53	udp	dns	0.093279 0	104	
SHR T F	0 Cd	0 0	132	-	-	-	-
1576109654.301860Cto5gr3wDegVb3RTK6	192.168.29.90	49772	1.1.1.1 53	udp	dns	0.081876 0	
219 SHR T F	0 Cd	0 0	2	275	-	-	-
1576109654.417252CJfnouJHgJWQzuFlh192.168.29.90	44748	1.1.1.1 53	udp	dns	0.001261 0	243	
SHR T F	0 Cd	0 0	2	299	-	-	-
1576109654.417428CuDnp31s8LP8MDM4Fd	192.168.29.90	42124	1.1.1.1 53	udp	dns	0.001124 0	
243 SHR T F	0 Cd	0 0	2	299	-	-	-
1576109618.898013CxEPdJ2pbcqVC8uFh3	192.168.29.11	39627	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109619.343300CCM6664GAq6ARrWKMD	192.168.29.11	40864	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109620.964745C5rpa7Yfdg4sjrB69192.168.29.11	43217	239.255.255.250	1900	udp	-	-	-
- S0 T F	0 D	1 153	0 0	-	-	-	-
1576109621.331679CgtKK72W19OB6RiiI2	192.168.29.11	43524	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109622.261723CqcOHw26YBvL7Ragjl	fe80::20c:29ff:fe47:6d6c	135	ff02::1:ff00:0	136	icmp	-	-
- OTH F	F 0	- 1	72	0	0	-	-
1576109623.336598CSlnAS1f6SWchCQXng	192.168.29.11	38463	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109621.368852ChHEMZ1d5WYG3L6pbh	192.168.29.10	53903	239.255.255.250	1900	udp	-	-
3.003777 700 0 S0	T F	0 D	4 812	0	0	-	-
1576109679.877448C2E9Ui1JY0dpyXmyg6	192.168.29.86	2802	52.156.204.185	443	tcp	ssl	-
0.256404 832 3966 SF	T F	0 ShADdaFf	12 1324	10	4378	-	-
1576109680.136963CDW0w2i3zJhuOIDg3	192.168.29.86	2803	52.156.204.185	443	tcp	ssl	-
0.240530 650 3957 SF	T F	0 ShADdaFf	12 1142	10	4369	-	-
1576109623.355933CrJuF3LQYpVwL0tBk	fe80::c7d:4f12:f6d7:1dfa	143	ff02::16 0	icmp	-	-	-
2.899800 40 0 OTH	F F	0 -	2 152	0	0	-	-
1576109679.784585C6dGRv1vwPbGBPhw3j	192.168.29.86	54234	1.1.1.1 53	udp	dns	0.110044 98	
224 SF T F	0 Dd	2 154	2 280	-	-	-	-
1576109686.608203Cvfyh9GjANDwUYqSc192.168.29.10	5353	224.0.0.251	5353	udp	dns	-	-
- S0 T F	0 D	1 73	0 0	-	-	-	-
1576109638.014293Cq0jUB3P26v3X7Wbpe	192.168.29.11	37767	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109640.100195CJsgu01TXtYJDAozU7	192.168.29.11	40299	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109640.344045ChYzBU3RZf3iRCZJOK	192.168.29.11	48160	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109642.149041CQij8r27cCZgqdQHzk	192.168.29.11	44765	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109642.349656Cv8RWO40nn7pBTluAi	192.168.29.11	41755	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109644.354567CLMllq2EDcEYv7rWXe	192.168.29.11	40445	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109649.446238C9Felf3TnfdnlNlD9j	192.168.29.83	68	192.168.29.29	67	udp	dhcp	-
0.000800 294 315 SF	T T	0 Dd	1 322	1	343	-	-
1576109702.495425CWL0PG3IWI9HMOggf9	192.168.29.10	5353	224.0.0.251	5353	udp	dns	-
- S0 T	F 0	D 1	68	0	0	-	-
1576109702.547795CUcJwz18AfaZG3MOMh	192.168.29.15	5353	224.0.0.251	5353	udp	dns	-
- S0 T	F 0	D 1	377	0	0	-	-
1576109659.179232CJOgJj45PxvJBUquIe	192.168.29.11	41295	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109661.286410COeTU13R80HOZHfZ6i	192.168.29.11	39490	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109661.361185CgQihc4CP3Clv1IR7g	192.168.29.11	44823	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109663.329732CzsIuy40vNvcFj7RPe	192.168.29.11	49514	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	153	0	0	-	-
1576109663.364678Cq3Lit2JoD8DFr7Znh	192.168.29.11	46729	239.255.255.250	1900	udp	-	-
- S0 T	F 0	D 1	150	0	0	-	-
1576109665.375240CPUIK48P9UaBRmg9b192.168.29.11	47448	239.255.255.250	1900	udp	-	-	-
- S0 T F	0 D	1 150	0 0	-	-	-	-
1576109671.147227CaC8zt4JatNBc6QIAK	192.168.29.90	39875	91.189.94.4	123	udp	ntp	-
0.034858 0 48 SHR	T F	0 Cd	0 0	1	76	-	-
1576109679.894878C5CFWg441lrGLiYes6	192.168.29.86	3	1.1.1.1 3	icmp	-	-	-

-	OTH	T	F	0	-	1	168	0	0	-		
1576109680.378812	C8fShc1GLVROs8KNI8			192.168.29.11	48451	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109682.392165	CHbJ7N2HQ2eh1J1k3f			192.168.29.11	49840	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109682.456023	CUSxIM2BZVASn6dZA4			192.168.29.11	48900	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109684.397956	CrDhpEHLxNR3P4nkb192.168.29.11			43204	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109684.503801	Cs1F8bo2lgytmtS76192.168.29.11			48343	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109686.391073	C9klbouge1V0ofCcl192.168.29.11			44862	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109688.431715	CM9EAb36tP3uKbq01g			192.168.29.10	56847	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	154	0	0	-	-
1576109701.568226	CgPNa71Ryp6Xwegyrh			192.168.29.11	47993	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109703.411231	CzW6sF2Xnh0jQLFH73			192.168.29.11	40878	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109703.637958	C6amdV1pcfl0GEXY39			192.168.29.11	46139	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109705.418003	C85cm72vjbeFpofkhc			192.168.29.11	39965	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109705.707026	CgdJwp2RCeMh5b3mF1			192.168.29.11	45915	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109707.419886	CzPSyZ3OX3YS198lmb			192.168.29.11	41369	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109722.853586	CBTSQpcZLU218zpA1192.168.29.11			37749	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109724.411629	C2J0vE4L3xKZ4joANa			192.168.29.11	46226	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109724.943463	CtzG3B3TJVN1kWiv8h			192.168.29.11	49981	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109726.433436	CuqTK34iw8boSrRbr192.168.29.11			43927	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109726.989163	C0QKm22yKDz7Aor7a1			192.168.29.11	41721	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109728.440936	CBhjrP3JGk0IpgwLZ192.168.29.11			45671	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109779.841023	CLv62t4yJaBHgXMFc4			192.168.29.12	5353	224.0.0.251	5353	udp	-	dns		
4.018990 336	0	S0		T	F	0	D	3	420	0	0	-
1576109744.024949	Cj6KB04zpBJE7gxot3			192.168.29.11	39951	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109741.374023	CMm5bS3xL2PE6SYUHj			192.168.29.10	60930	239.255.255.250	1900	udp	-	-		
3.032894 700	0	S0		T	F	0	D	4	812	0	0	-
1576109745.446330	ClMnca4mev3zUbqQVc			192.168.29.11	40322	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109779.842010	CkRGFy2GfiVGMSFej5			fe80::c7d:4f12:f6d7:1dfa	5353	ff02::fb	5353	udp	-	dns		
4.018679 336	0	S0		F	F	0	D	3	480	0	0	-
1576109746.030543	CQ7qyz2EcObek3vtU1			192.168.29.11	39700	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109747.451867	CHRZhE1qKtXqzrMhB3			192.168.29.11	44269	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109748.292184	CXB7TqNqPffnlsoEc192.168.29.11			48516	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109749.457366	CNOLNL14MUz5HEooV1			192.168.29.11	38624	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109800.285763	CNtlurGFZz7aBlyNf192.168.29.15			5353	224.0.0.251	5353	udp	-	dns	0.003329 500		
0	S0	T	F	0	D	2	556	0	0	-		
1576109800.266275	C56sD1lgmYr2yHE1r1			192.168.29.10	5353	224.0.0.251	5353	udp	-	dns		
6.344833 135	0	S0		T	F	0	D	2	191	0	0	-
1576109765.426739	CQEStn3jqhQtykipv3			192.168.29.11	40263	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109766.465393	CCYxMW1fITRStxENQ6			192.168.29.11	37803	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109767.514359	CLqSJ31vYHFe4sSxkd			192.168.29.11	49858	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109768.468988	CjYk6I18QhBaL30Vv9			192.168.29.11	44589	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109769.562338	CIZDQG1J7xvaq1GJHd			192.168.29.11	45051	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109770.474360	CoapVJ1E70xfSa4mg4			192.168.29.11	40712	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109779.842055	Cq7LYtJqcy5v3Autjfe80::20c:29ff:fe47:6d6c			135	ff02::1:ff00:0	136	icmp	-	-	-		
-	-	OTH	F	0	-	72	0	0	0	-		
1576109786.610852	CD1TN805VKfdDiME3192.168.29.11			39530	239.255.255.250	1900	udp	-	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109787.482227	CGIVje4AQXiCvIVbJ1			192.168.29.11	37590	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-
1576109788.703143	Cn7BCx2Jn7ZD2vAk91			192.168.29.11	43722	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109790.745776	CiaToG4pmOXI18Qzwe			192.168.29.11	49609	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	153	0	0	-	-
1576109791.492640	CJhZ314G6GnATYQaD2			192.168.29.11	49795	239.255.255.250	1900	udp	-	-		
-	-	S0	T	F	0	D	1	150	0	0	-	-