

NAME

sc_ttlexp — dump source addresses from ICMP TTL expired messages in warts files

SYNOPSIS

sc_ttlexp [**-O** *options*] [*file* ...]

DESCRIPTION

The **sc_ttlexp** utility provides a dump of source IP addresses contained trace and tracelb records in warts(5) files.

The options are as follows:

- ?** prints a list of command line options and a synopsis of each.
- O option**
 - allows the behavior of **sc_ttlexp** to be further tailored. The current choices for this option are:
 - nodst**: do not dump source address of a TTL expired message if it matches the destination address probed.
 - noreserved**: do not dump source address of a TTL expired message if the address is a reserved address.

EXAMPLES

Given two warts(5) files named file1.warts and file2.warts, the following dumps all source addresses that sent TTL expired messages:

```
sc_ttlexp file1.warts file2.warts
```

Given a compressed warts file named file3.warts.bz2, the following dumps all source addresses that sent TTL expired messages, skipping those that were only observed in TTL expired messages from the destination probed:

```
bzcat file3.warts.bz2 | sc_ttlexp -O nodst
```

SEE ALSO

scamper(1), sc_wartsdump(1), sc_warts2json(1),

M. Luckie, *Scamper: a Scalable and Extensible Packet Prober for Active Measurement of the Internet*, Proc. ACM/SIGCOMM Internet Measurement Conference 2010.

AUTHOR

sc_ttlexp was written by Matthew Luckie <mjl@luckie.org.nz>.