

NAME

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

SYNOPSIS

```
sc_ttllexp [-O options] [file ...]
```

DESCRIPTION

The **sc_ttllexp** 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_ttllexp** 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_ttllexp 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_ttllexp -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

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