

NAME

smtp-source - parallelized SMTP/LMTP test generator

SYNOPSIS

smtp-source [*options*] [**inet:**]*host*[:*port*]

smtp-source [*options*] **unix:***pathname*

DESCRIPTION

smtp-source connects to the named *host* and TCP *port* (default: port 25) and sends one or more messages to it, either sequentially or in parallel. The program speaks either SMTP (default) or LMTP. Connections can be made to UNIX-domain and IPv4 or IPv6 servers. IPv4 and IPv6 are the default.

Note: this is an unsupported test program. No attempt is made to maintain compatibility between successive versions.

Arguments:

- 4** Connect to the server with IPv4. This option has no effect when Postfix is built without IPv6 support.
- 6** Connect to the server with IPv6. This option is not available when Postfix is built without IPv6 support.
- A** Don't abort when the server sends something other than the expected positive reply code.
- c** Display a running counter that is incremented each time an SMTP DATA command completes.
- C** *count*
When a host sends RESET instead of SYN|ACK, try *count* times before giving up. The default count is 1. Specify a larger count in order to work around a problem with TCP/IP stacks that send RESET when the listen queue is full.
- d** Don't disconnect after sending a message; send the next message over the same connection.
- f** *from* Use the specified sender address (default: <foo@myhostname>).
- F** *file* Send the pre-formatted message header and body in the specified *file*, while prepending '.' before lines that begin with '.', and while appending CRLF after each line.
- l** *length*
Send *length* bytes as message payload. The length does not include message headers.
- L** Speak LMTP rather than SMTP.
- m** *message_count*
Send the specified number of messages (default: 1).
- M** *myhostname*
Use the specified hostname or [address] in the HELO command and in the default sender and recipient addresses, instead of the machine hostname.
- N** Prepend a non-repeating sequence number to each recipient address. This avoids the artificial 100% hit rate in the resolve and rewrite client caches and exercises the trivial-rewrite daemon, better approximating Postfix performance under real-life work-loads.
- o** Old mode: don't send HELO, and don't send message headers.
- r** *recipient_count*
Send the specified number of recipients per transaction (default: 1). Recipient names are generated by prepending a number to the recipient address.
- R** *interval*
Wait for a random period of time $0 \leq n \leq \text{interval}$ between messages. Suspending one thread does not affect other delivery threads.

- s** *session_count*
Run the specified number of SMTP sessions in parallel (default: 1).
 - S** *subject*
Send mail with the named subject line (default: none).
 - t** *to*
Use the specified recipient address (default: <foo@myhostname>).
 - T** *window_size*
Override the default TCP window size. To work around broken TCP window scaling implementations, specify a value > 0 and < 65536.
 - v**
Make the program more verbose, for debugging purposes.
 - w** *interval*
Wait a fixed time between messages. Suspending one thread does not affect other delivery threads.
- [inet:]***host[:port]*
Connect via TCP to host *host*, port *port*. The default port is **smtp**.
- unix:***pathname*
Connect to the UNIX-domain socket at *pathname*.

BUGS

No SMTP command pipelining support.

SEE ALSO

[smtp-sink\(1\)](#),
SMTP/LMTP message dump

LICENSE

The Secure Mailer license must be distributed with this software.

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