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 <= n <= 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 *windowsize*

> 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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