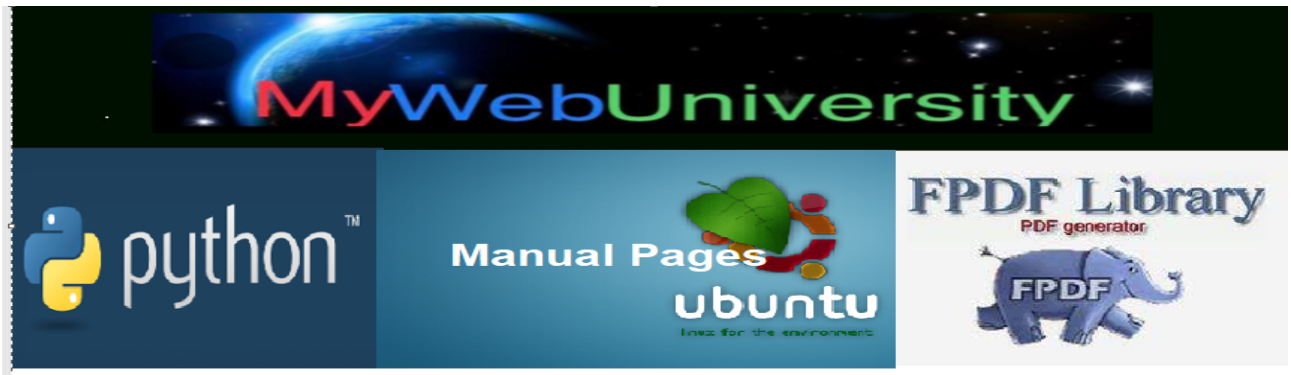

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Linux Ubuntu 26.04 Manual Pages on command 'smtp-source.1'

$ man smtp-source.1

SMTP-SOURCE(1) General Commands Manual SMTP-SOURCE(1)

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 be? tween 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 com? pletes.

-C count

When a host sends RESET instead of SYN|ACK, try count times before giving up. The de? fault 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 connec? tion.

-f from

Use the specified sender address (default: <foo@my-hostname>).

-F file

Send the pre-formatted message header and body in the specified file, while prepend? ing '.' 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 my-hostname

Use the specified hostname or [address] in the HELO command and in the default sender and recipient addresses, instead of the machine hostname.

-N Generate each recipient address by appending a number (a per-process recipient counter) to the recipient address localpart specified with the -t option.

Note: to use the number as an address extension, specify an explicit address delim? iter at the end of the recipient localpart, as in "-t localpart+@domain" or "-t lo? calpart+", where "+" is a Postfix recipient address delimiter.

Benefits:

? A non-constant recipient address avoids an unrealistic 100% cache hit rate in clients of the Postfix trivial-rewrite service, better approximating perfor? mance under real-life work-loads.

? A fixed recipient address local-part with a non-constant address extension avoids the need to configure a large number of valid recipient addresses in the receiving Postfix server.

-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), and generate

recipient addresses as described under the -N option.

-R interval

Wait a random 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@my-hostname>).

-T windowsize

Override the default TCP window size. To work around broken TCP window scaling imple? mentations, 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 de? livery 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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