

**NAME**

l2test – L2CAP testing tool

**DESCRIPTION**

l2test – L2CAP testing tool Usage:

l2test <mode> [options] [bdaddr]

**Modes:**

- r listen and receive
- w listen and send
- d listen and dump incoming data
- x listen, then send, then dump incoming data
- t listen, then send and receive at the same time
- q connect, then send and receive at the same time
- s connect and send
- u connect and receive
- n connect and be silent
- y connect, then send, then dump incoming data
- c connect, disconnect, connect, ...
- m multiple connects
- p trigger dedicated bonding
- z information request

**OPTIONS**

[–b bytes] [–i device] [–P psm] [–J cid] [–I imtu] [–O omtu] [–L seconds] enable SO\_LINGER [–W seconds] enable deferred setup [–B filename] use data packets from file [–N num] send num frames (default = infinite) [–C num] send num frames before delay (default = 1) [–D milliseconds] delay after sending num frames (default = 0) [–K milliseconds] delay before receiving (default = 0) [–g milliseconds] delay before disconnecting (default = 0) [–X mode] l2cap mode (help for list, default = basic) [–a policy] chan policy (help for list, default = bredr) [–F fcs] use CRC16 check (default = 1) [–Q num] Max Transmit value (default = 3) [–Z size] Transmission Window size (default = 63) [–Y priority] socket priority [–H size] Maximum receive buffer size [–R] reliable mode [–G] use connectionless channel (datagram) [–U] use sock stream [–A] request authentication [–E] request encryption [–S] secure connection [–M] become master [–T] enable timestamps [–V type] address type (help for list, default = bredr) [–e seq] initial sequence value (default = 0)

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[**-b** bytes] [**-i** device] [**-P** psm] [**-J** cid] [**-I** imtu] [**-O** omtu] [**-L** seconds] enable `SO_LINGER`  
[**-W** seconds] enable deferred setup [**-B** filename] use data packets from file [**-N** num] send num  
frames (default = infinite) [**-C** num] send num frames before delay (default = 1) [**-D** milliseconds]  
delay after sending num frames (default = 0) [**-K** milliseconds] delay before receiving (default =  
0) [**-g** milliseconds] delay before disconnecting (default = 0) [**-X** mode] l2cap mode (help for list,  
default = basic) [**-a** policy] chan policy (help for list, default = bredr) [**-F** fcs] use CRC16 check  
(default = 1) [**-Q** num] Max Transmit value (default = 3) [**-Z** size] Transmission Window size (de-  
fault = 63) [**-Y** priority] socket priority [**-H** size] Maximum receive buffer size [**-R**] reliable mode  
[**-G**] use connectionless channel (datagram) [**-U**] use sock stream [**-A**] request authentication  
[**-E**] request encryption [**-S**] secure connection [**-M**] become master [**-T**] enable timestamps [**-V**  
type] address type (help for list, default = bredr) [**-e** seq] initial sequence value (default = 0)