Cheatography

Hping3 version 1.4 Cheat Sheet

by ramkumaplays via cheatography.com/60600/cs/15755/

Base Options

-h	--help	show this help
-v	--version	show version
-c	--count	packet count
-i	--interval	wait (uX for X microseconds, for example -i u1000)
	--fast	alias for -i u10000 (10 packets for second)
	--faster	alias for -i u1000 (100 packets for second)
	--flood	sent packets as fast as possible. Don't show replies.
-n	--numeric	numeric output
-q	--quiet	quiet
-I	-Interface	interface name (otherwise default routing interface)
-V	--verbose	verbose mode
-D	--debug	debugging info
-z	--bind	bind ctrl+z to ttl (default to dst port)
-Z	--unbind	unbind ctrl+z
	--beep	beep for every matching packet received

Mode

default mode		TCP
-0	--rawip	RAW IP mode
-1	--icmp	ICMP mode
-2	--udp	UDP mode
-8	--scan	SCAN mode

Mode (cont)

		Example: hping --scan 1-30,70-90 -S www.target.host
-9	--listen	listen mode

IP

-a	--spoof	spoof source addess
	--rand-dest	random destionation address mode
	--rand-source	random source address mode
-t	--ttl	ttl (default 64)
-N	--id	id (default random)
-W	--winid	use win* id byte ordering
-r	--rel	relativize id field (to estimate host traffic)
-f	--frag	split packets in more frag
-x	--morefrag	set more fragments flag
-y	--dontfrag	set don't fragment flag
-g	--fragoff	set the fragment offset
-m	--mtu	set virtual mtu, implies --frag if packet size > mtu
-o	--tos	type of service (default 0x00), try --tos help
-G	--rroute	includes RECORD_ROUTE option and display the route buffer
	--lsrr	loose source routing and record route
	--ssrr	strict source routing and record route
-H	--ipproto	set the IP protocol field, only in RAW IP mode

ICMP

-C	--icmptype	icmp type (default echo request)
-K	--icmpcode	icmp code (default 0)
	--force-icmp	send all icmp types (default send only supported types)
	--icmp-gw	set gateway address for ICMP redirect (default 0.0.0.0)
	--icmp-ts	Alias for --icmp --icmptype 13 (ICMP timestamp)
	--icmp-addr	Alias for --icmp --icmptype 17 (ICMP address subnet mask)
	--icmp-help	display help for others icmp options

UDP/TCP

-s --baseport	base source port (default random)

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