

Testing Document

Jivanjot S. Brar

A00774427

January 31, 2014

Rule #	Test Description	Tool Used	Expected Result	Pass/Fail
1)	Drop all outgoing packets, that are not accept by the rule in the firewall, due to the default policy. In order to test the default policies, the test will attempt to make a ftp connection on port 21	Hping3 and Firefox's FireFTP client.	<ul style="list-style-type: none">Expected result for hping3 is a message saying "Operation not Permitted"Expected result for FireFtp is that it will Hang and keep trying to connect until it times out	Pass. Detailed results are attached below.
2)	Drop all incoming packets, that are not accept by the rule in the firewall and are dropped due to the default policy. In order to test the default policies, the test will attempt to make a ftp connection on port 21	Hping3	<ul style="list-style-type: none">Firewall should drop the packets and the send should not receive any packets backDefault policy Drop count should increase by number of packets send by the client.	Pass. Detailed results are attached below
3)	Drop any outgoing packets from port 0 for TCP	Hping3	<ul style="list-style-type: none">Drop count for port 0 in traffic-out should increase	Pass. Detailed results are attached below
4)	Drop any incoming packets from port 0 for TCP	Hping3	<ul style="list-style-type: none">Drop count for port 0 in traffic-in should increase	Pass. Detailed results are attached below
5)	Drop any outgoing packets from port 0 for UDP	Hping3	<ul style="list-style-type: none">Drop count for port 0 in traffic-out should increase	Pass. Detailed results are attached below
6)	Drop any incoming packets from port 0 for UDP	Hping3	<ul style="list-style-type: none">Drop count for port 0 in traffic-in should increase	Pass. Detailed results are attached below
7)	Verify that SSH traffic inbound/outbound is allowed	Log on to the ssh server from and external ssh client	<ul style="list-style-type: none">User should be able to ssh to another machine and also ssh to this machine from another machine, results can be seen in the ACCEPT count in the iptables traffic-in and traffic-out	Pass. Detailed Results are attached below

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8)	Verify that www(80, 443) traffic inbound/outbound is allowed	Browser, Hping3	<ul style="list-style-type: none">For outbound Browser should be able to access any http or https site.For inbound hping3 should succeed in receiving packets	Pass. Detailed results are attached below
9)	Drop all packets with source port less than 1024 trying to connect to destination port 80	Hping3	<ul style="list-style-type: none">Hping3 should loose all the transmitted packetsiptables drop count should increase	Pass. Detailed results are attached below
10)	Drop all packets with source port less than 1024 trying to connect to destination port 443	Hping3	<ul style="list-style-type: none">Hping3 should loose all the transmitted packetsIptables drop count should increase	Pass. Detailed results are attached below
11)	Drop all the inbound packets that come without a SYN for port 80, 443, ssh	Hping3	<ul style="list-style-type: none">Hping3 should loose all the transmitted packetsIptables default policy drop count should increase	Pass. Detailed results are attached below
12)	Drop all the inbound packets that come with a syn packet unless there is a rule that permits inbound traffic	Hping3	<ul style="list-style-type: none">Hping3 should drop all packets with syn that come to any port except 80, 443, ssh (tested on port 53)	Pass. Detailed results are attached below
13)	Ip Accounting for www and ssh traffic	Open a browser and open any http or https site	<ul style="list-style-type: none">Iptables www-ssh-traffic counting increase with only incoming ssh or www packets (ports 80, 443)	Pass. Detailed results are attached below
14)	IP Accounting for rest of the traffic	Open a browser to any site	<ul style="list-style-type: none">Iptables noness-traffic counting should increase for any traffic except ssh and www	Pass. Detailed results are attached below

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Detailed Results

Rule #	Results																																																																												
1)	<div><div><div>HPING3</div><div>[root@BossLinux ~]# `iptables -Z` hping3 -S 127.0.0.1 -p 21 -c 5 HPING 127.0.0.1 (lo 127.0.0.1): S set, 40 headers + 0 data bytes [send_ip] sendto: Operation not permitted</div></div><div><div>FIREFTP</div><div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div>sys</div><div>sysroot</div><div>tmp</div></div></div><div><div>211END</div><div>PWD</div><div>257 "/" is current directory.</div><div>TYPE A</div><div>200 Type set to A.</div><div>PROT P</div><div>200 PROT command successful.</div><div>PASV</div><div>227 Entering Passive Mode (142,232,76,182,37,129).</div><div>LIST</div><div>150 Opening ASCII mode data connection.</div><div>226 Transfer complete.</div><div>QUIT</div><div>221 Goodbye.</div><div>Unable to make a connection. Please try again.</div><div>Unable to make a connection. Please try again.</div><div>Unable to make a connection. Please try again.</div></div><div><div>Log</div><div>Queue</div></div><div>Remote Listing: 6 object(s), 0 Bytes</div><div>Connecting... Binary</div></div></div></div><tr><td>2)</td><td><div><div><div>Before Testing Default Policy Drop Count</div><div>Chain INPUT (policy DROP 0 packets, 0 bytes)</div><div>After Testing Default Policy Drop Count for hping 192.168.0.22 -p 21 -c 5</div><div>Chain INPUT (policy DROP 5 packets, 200 bytes)</div></div><div><div>Status on the client machine</div><div>[root@DataComm ~]# hping3 -S 192.168.0.22 -p 21 -c 5 HPING 192.168.0.22 (em1 192.168.0.22): S set, 40 headers + 0 data bytes --- 192.168.0.22 hping statistic --- 5 packets transmitted, 0 packets received, 100% packet loss round-trip min/avg/max = 0.0/0.0/0.0 ms</div></div></div><tr><td>3)</td><td><div><div><div>Before Testing Port 0 Drop Count</div><div>Chain traffic-out (1 references)</div><div><table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>0</td><td>0</td><td>DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp dpt:0</td></tr><tr><td>0</td><td>0</td><td>DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp spt:0</td></tr><tr><td>0</td><td>0</td><td>DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0 udp dpt:0</td></tr><tr><td>0</td><td>0</td><td>DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0 udp spt:0</td></tr></table></div><div>After Testing Port 0 Drop Count</div><div>Chain traffic-out (1 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January 31, 2014

	<div>00 DROPudp -- * *0.0.0.0/00.0.0.0/0udp dpt:0</div> <div>00 DROPudp -- * *0.0.0.0/00.0.0.0/0udp spt:0</div> <div>HPING3 MESSAGE</div> <div>[root@DataComm ~]# hping3 192.168.0.23 -p 22 -s 0 -c 1</div> <div>HPING 192.168.0.23 (em1 192.168.0.23): NO FLAGS are set, 40 headers + 0 data bytes</div> <div>[send_ip] sendto: Operation not permitted</div>																																																																																										
4)	<div>Before Testing Port 0 Drop Count</div> <div>Chain traffic-in (1 references)</div> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>0</td><td>0 DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>tcp spt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>tcp dpt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>udp spt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>udp dpt:0</td></tr></table> <div>After Testing Port 0 Drop Count</div> <div>Chain traffic-in (1 references)</div> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>1</td><td>40 DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>tcp spt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>tcp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>tcp dpt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>udp spt:0</td></tr><tr><td>0</td><td>0 DROP</td><td>udp</td><td>--</td><td>*</td><td>*</td><td>0.0.0.0/0</td><td>0.0.0.0/0</td><td>udp dpt:0</td></tr></table> <div>HPING3 MESSAGE</div> <div>[root@DataComm ~]# hping3 -S 192.168.0.22 -p 22 -s 0 -c 1</div> <div>HPING 192.168.0.22 (em1 192.168.0.22): S set, 40 headers + 0 data bytes</div> <div>--- 192.168.0.22 hping statistic ---</div> <div>1 packets transmitted, 0 packets received, 100% packet loss</div> <div>round-trip min/avg/max = 0.0/0.0/0.0 ms</div>	pkts	bytes	target	prot	opt	in	out	source	destination	0	0 DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:0	0	0 DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:0	0	0 DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:0	0	0 DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:0	pkts	bytes	target	prot	opt	in	out	source	destination	1	40 DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:0	0	0 DROP	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:0	0	0 DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp spt:0	0	0 DROP	udp	--	*	*	0.0.0.0/0	0.0.0.0/0	udp dpt:0
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Testing Document

Jivanjot S. Brar

A00774427

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	<div>128 DROPudp -- * *0.0.0.0/00.0.0.0/0udp spt:0</div> <div>HPING3 MESSAGE</div> <div>[root@DataComm ~]# hping3 --udp 192.168.0.23 -p 22 -s 0 -c 1</div> <div>HPING 192.168.0.23 (em1 192.168.0.23): udp mode set, 28 headers + 0 data bytes</div> <div>[send_ip] sendto: Operation not permitted</div>																																																																																																			
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2 80 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 tcp dpt:22 state NEW,ESTABLISHED

SSH MESSAGES

[root@DataComm ~]# ssh 192.168.0.23

root@192.168.0.23's password:

Last login: Fri Jan 31 14:30:38 2014 from 192.168.0.22

[root@DataComm ~]# ssh 192.168.0.22 The authenticity of host '192.168.0.22 (192.168.0.22)' can't be established. ECDSA key fingerprint is 0b:cb:0c:ff:6d:de:f5:ee:92:57:1a:f9:97:23:6b:c9.

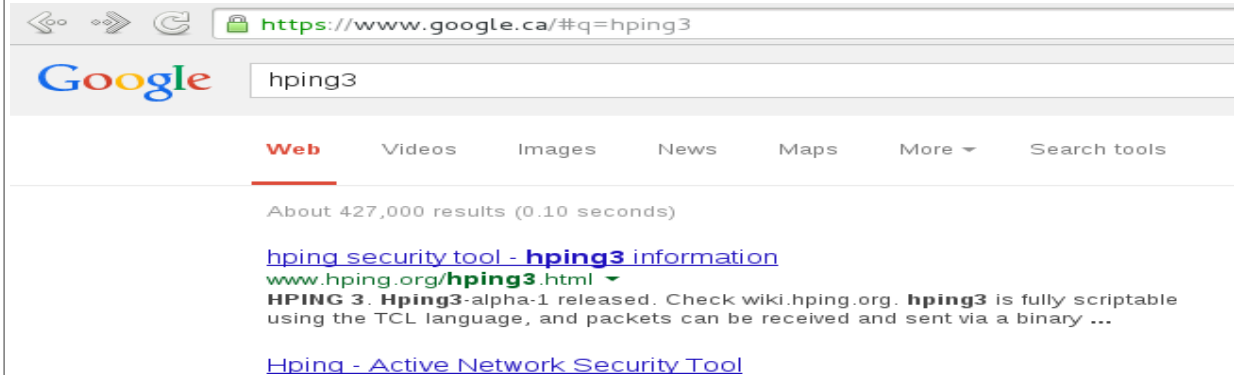
Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added '192.168.0.22' (ECDSA) to the list of known hosts.

root@192.168.0.22's password:

Last login: Fri Jan 31 14:29:37 2014

8) HTTPS



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HPING 3. Hping3-alpha-1 released. Check wiki.hping.org. hping3 is fully scriptable using the TCL language, and packets can be received and sent via a binary ...

[Hping - Active Network Security Tool](#)

HTTP



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activities local news
artists lost+found
childcare musicians
classes pets
events politics
general rideshare

Testing Document

Jivanjot S. Brar

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INBOUND PORT 80

Chain traffic-in (7 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	DROP	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spts:0:1023 dpt:80
0	0	DROP	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spts:0:1023 dpt:443
10	400	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED

Chain traffic-out (7 references)

pkts	bytes	target	prot	opt	in	out	source	destination
5	220	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED

HPING3 MESSAGES

```
[root@DataComm ~]# hping3 -S 192.168.0.17 -p 80 -c 5 HPING 192.168.0.17 (em1 192.168.0.17): S
set, 40 headers + 0 data bytes len=46 ip=192.168.0.17 ttl=64 DF id=0 sport=80 flags=SA seq=0
win=29200 rtt=0.3 ms len=46 ip=192.168.0.17 ttl=64 DF id=0 sport=80 flags=SA seq=1
win=29200 rtt=0.4 ms len=46 ip=192.168.0.17 ttl=64 DF id=0 sport=80 flags=SA seq=2
win=29200 rtt=0.3 ms len=46 ip=192.168.0.17 ttl=64 DF id=0 sport=80 flags=SA seq=3
win=29200 rtt=0.3 ms len=46 ip=192.168.0.17 ttl=64 DF id=0 sport=80 flags=SA seq=4
win=29200 rtt=0.3 ms
```

--- 192.168.0.17 hping statistic --- 5 packets transmitted, 5 packets received, 0% packet loss round-trip min/avg/max = 0.3/0.4/0.4 ms

INBOUND PORT 443

Chain traffic-in (7 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	DROP	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spts:0:1023 dpt:80
0	0	DROP	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spts:0:1023 dpt:443
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
5	200	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED

Chain traffic-out (7 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
5	200	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED
0	0	ACCEPT	tcp	--	* *	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED

HPING3 MESSAGES

```
[root@DataComm ~]# hping3 -S 192.168.0.17 -p 443 -c 5 HPING 192.168.0.17 (em1 192.168.0.17):
S set, 40 headers + 0 data bytes len=46 ip=192.168.0.17 ttl=64 DF id=9388 sport=443 flags=RA
seq=0 win=0 rtt=0.3 ms len=46 ip=192.168.0.17 ttl=64 DF id=9389 sport=443 flags=RA seq=1
win=0 rtt=0.4 ms len=46 ip=192.168.0.17 ttl=64 DF id=9390 sport=443 flags=RA seq=2 win=0
rtt=0.3 ms len=46 ip=192.168.0.17 ttl=64 DF id=9391 sport=443 flags=RA seq=3 win=0 rtt=0.3
ms len=46 ip=192.168.0.17 ttl=64 DF id=9392 sport=443 flags=RA seq=4 win=0 rtt=0.3 ms
```

--- 192.168.0.17 hping statistic --- 5 packets transmitted, 5 packets received, 0% packet loss round-trip min/avg/max = 0.3/0.3/0.4 ms

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9)	<p>BEFORE TESTING</p> <p>Chain traffic-in (7 references)</p> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>0</td><td>0</td><td>DROP</td><td>tcp</td><td>--</td><td>* *</td><td></td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp spts:0:1023 dpt:80</td></tr></table> <p>AFTER TESTING</p> <p>Chain traffic-in (7 references)</p> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>7</td><td>280</td><td>DROP</td><td>tcp</td><td>--</td><td>* *</td><td></td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp spts:0:1023 dpt:80</td></tr></table> <p>HPING MESSAGES</p> <p>[root@DataComm ~]# hping3 -S 192.168.0.22 -p 80 -s 1000 -c 7 HPING 192.168.0.22 (em1 192.168.0.22): S set, 40 headers + 0 data bytes</p> <p>--- 192.168.0.22 hping statistic --- 7 packets transmitted, 0 packets received, 100% packet loss round-trip min/avg/max = 0.0/0.0/0.0 ms</p>	pkts	bytes	target	prot	opt	in	out	source	destination	0	0	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:80	pkts	bytes	target	prot	opt	in	out	source	destination	7	280	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:80
pkts	bytes	target	prot	opt	in	out	source	destination																													
0	0	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:80																													
pkts	bytes	target	prot	opt	in	out	source	destination																													
7	280	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:80																													
10)	<p>BEFORE TESTING</p> <p>Chain traffic-in (7 references)</p> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>0</td><td>0</td><td>DROP</td><td>tcp</td><td>--</td><td>* *</td><td></td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp spts:0:1023 dpt:443</td></tr></table> <p>AFTER TESTING</p> <p>Chain traffic-in (7 references)</p> <table><tr><th>pkts</th><th>bytes</th><th>target</th><th>prot</th><th>opt</th><th>in</th><th>out</th><th>source</th><th>destination</th></tr><tr><td>7</td><td>280</td><td>DROP</td><td>tcp</td><td>--</td><td>* *</td><td></td><td>0.0.0.0/0</td><td>0.0.0.0/0 tcp spts:0:1023 dpt:443</td></tr></table> <p>HPING MESSAGES</p> <p>[root@DataComm ~]# hping3 -S 192.168.0.22 -p 443 -s 1000 -c 7 HPING 192.168.0.22 (em1 192.168.0.22): S set, 40 headers + 0 data bytes</p> <p>--- 192.168.0.22 hping statistic --- 7 packets transmitted, 0 packets received, 100% packet loss round-trip min/avg/max = 0.0/0.0/0.0 ms</p>	pkts	bytes	target	prot	opt	in	out	source	destination	0	0	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:443	pkts	bytes	target	prot	opt	in	out	source	destination	7	280	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:443
pkts	bytes	target	prot	opt	in	out	source	destination																													
0	0	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:443																													
pkts	bytes	target	prot	opt	in	out	source	destination																													
7	280	DROP	tcp	--	* *		0.0.0.0/0	0.0.0.0/0 tcp spts:0:1023 dpt:443																													
11)	<p>BEFORE TESTING</p> <p>Chain INPUT (policy DROP 0 packets, 0 bytes)</p> <p>Chain OUTPUT (policy DROP 0 packets, 0 bytes)</p> <p>AFTER TESTING</p> <p>Chain INPUT (policy DROP 7 packets, 280 bytes)</p> <p>Chain OUTPUT (policy DROP 0 packets, 0 bytes)</p> <p>HPING MESSAGES</p> <p>[root@DataComm ~]# hping3 192.168.0.22 -p 80 -c 7 HPING 192.168.0.22 (em1 192.168.0.22): NO FLAGS are set, 40 headers + 0 data bytes</p> <p>--- 192.168.0.22 hping statistic --- 7 packets transmitted, 0 packets received, 100% packet loss round-trip min/avg/max = 0.0/0.0/0.0 ms</p>																																				
12)	<p>HPING MESSAGES</p> <p>[root@DataComm ~]# hping3 -S 192.168.0.22 -p 53 -c 7 HPING 192.168.0.22 (em1 192.168.0.22): S set, 40 headers + 0 data bytes</p> <p>--- 192.168.0.22 hping statistic --- 7 packets transmitted, 0 packets received, 100% packet loss round-trip min/avg/max = 0.0/0.0/0.0 ms</p>																																				

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13) BEFORE TESTING

Chain INPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:22 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED

Chain OUTPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:22 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED

Chain www-ssh-traffic (12 references)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	all	--	*	*		0.0.0.0/0	0.0.0.0/0

AFTER TESTING

Chain INPUT (policy DROP 2 packets, 152 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:22 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED
41	10538	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED

Chain OUTPUT (policy DROP 2 packets, 152 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination	
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:22 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:22 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:80 state ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:80 state NEW,ESTABLISHED
0	0	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp spt:443 state ESTABLISHED
38	15154	www-ssh-traffic	tcp	--	*	*	0.0.0.0/0	0.0.0.0/0	tcp dpt:443 state NEW,ESTABLISHED

Chain www-ssh-traffic (12 references)

pkts	bytes	target	prot	opt	in	out	source	destination
79	25692	all	--	*	*		0.0.0.0/0	0.0.0.0/0

14) BEFORE TESTING

Chain INPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	noness-traffic	all	--	*	*	0.0.0.0/0	0.0.0.0/0

Chain OUTPUT (policy DROP 0 packets, 0 bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
0	0	noness-traffic	all	--	*	*	0.0.0.0/0	0.0.0.0/0

Chain noness-traffic (12 references)

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	pkts	bytes	target	prot	opt	in	out	source	destination
	0	0	all	--	*	*	0.0.0.0/0	0.0.0.0/0	
AFTER TESTING									
Chain INPUT (policy DROP 2 packets, 152 bytes)									
	pkts	bytes	target	prot	opt	in	out	source	destination
	3	480	noness-traffic	all	--	*	*	0.0.0.0/0	0.0.0.0/0
Chain OUTPUT (policy DROP 2 packets, 152 bytes)									
	pkts	bytes	target	prot	opt	in	out	source	destination
	3	480	noness-traffic	all	--	*	*	0.0.0.0/0	0.0.0.0/0
Chain noness-traffic (2 references)									
	pkts	bytes	target	prot	opt	in	out	source	destination
	6	960	all	--	*	*	0.0.0.0/0	0.0.0.0/0	