
Subject: Re: iptables: hashlimit (is a BUG?)

Posted by [lazy](#) on Tue, 15 Sep 2009 10:38:10 GMT

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kernel rhel5 64.7 64 bit running Debian 5.0 64 bit
ipv6 is not compiled in, kernel config in att
iptables 1.4.2 from debian

any pointers what to do ?

```
strace iptables -I FORWARD -p tcp -s x.x.x.0/23 -m hashlimit --hashlimit-above 2000/second  
--hashlimit-mode srcip --hashlimit-srcmask 23 -j DROP
```

```
...  
socket(PF_INET, SOCK_RAW, IPPROTO_RAW) = 3  
open("/proc/sys/kernel/modprobe", O_RDONLY) = 4  
read(4, "/sbin/modprobe\n"... , 1024) = 15  
close(4) = 0  
clone(child_stack=0, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD,  
child_tidptr=0x2ace19cebe40) = 30911  
wait4(-1, [{WIFEXITED(s) && WEXITSTATUS(s) == 0}], 0, NULL) = 30911  
--- SIGCHLD (Child exited) @ 0 (0) ---  
getsockopt(3, SOL_IP, 0x42 /* IP_??? */, "  
hashlimit\0\357\31\316*\0\0\315\17\32\316*\0\0\22\20\20\31\ 316\0 "... , [30]) = 0  
close(3) = 0  
socket(PF_INET, SOCK_RAW, IPPROTO_RAW) = 3  
getsockopt(3, SOL_IP, 0x42 /* IP_??? */, 0x7fff11027ee0, 0x7fff11027f0c) = -1  
EPROTONOSUPPORT (Protocol not supported)  
close(3) = 0  
open("/lib/xtables/libxt_tcp.so", O_RDONLY) = 3  
read(3, "\177ELF\2\1\1\0\0\0\0\0\0\0\0\0\0\0\0\0>\0\1\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0@ "... , 832) = 832  
fstat(3, {st_mode=S_IFREG|0644, st_size=11408, ...}) = 0  
mmap(NULL, 2106704, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =  
0x2ace1a0fd000  
mprotect(0x2ace1a0ff000, 2097152, PROT_NONE) = 0  
mmap(0x2ace1a2ff000, 4096, PROT_READ|PROT_WRITE,  
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x2000) = 0x2ace1a2ff000  
close(3) = 0  
write(2, "iptables v1.4.2: "... , 17iptables v1.4.2: ) = 17  
write(2, "Unknown arg `(null)'"... , 20Unknown arg `(null)') = 20  
write(2, "\n"... , 1  
) = 1  
write(2, "Try `iptables -h' or 'iptables --'"... , 61Try `iptables -h' or 'iptables --help' for more  
information.  
) = 61  
exit_group(2)
```

File Attachments

1) [cfg](#), downloaded 670 times
