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Subject: ipt\_MARK missed?

Posted by [Hibin](#) on Sun, 26 Aug 2007 15:46:07 GMT

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Have CentOS 5 (x86\_64), latest OpenVZ kernel and tools, VPS based on centos-4-x86\_64-minimal template.

Trying to set iptables modules to vps:

Quote: `vzctl set 200 --iptables "iptables iptable_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc ipt_conntrack ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_MARK"`

But the error acquires:

Quote: Warning: Unknown iptable module: ipt\_MARK, skipped  
Bad parameter for --iptables: iptable\_filter

How to fix this?

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Subject: Re: ipt\_MARK missed?

Posted by [vaverin](#) on Wed, 29 Aug 2007 08:42:48 GMT

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Are you sure that this module is loaded on the Host Node?

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Subject: Re: ipt\_MARK missed?

Posted by [vaverin](#) on Wed, 29 Aug 2007 08:58:33 GMT

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Sorry, I was err,  
it looks like this error occurred because "vzctl --iptables" have no support for ipt\_MARK module.

However this parameter is used to restrict access to iptable modules inside VE (by default all iptables modules that loaded in host system are accessible inside VE).

Could you please explain, why you want to restrict access to iptable modules?

Thank you,  
Vasily Averin

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Subject: Re: ipt\_MARK missed?

Posted by [hop paz](#) on Wed, 22 Apr 2009 17:00:27 GMT

Hi Vasily,

seems that after a long time... I can recycle this thread

I'm running into the same prob.

I like to use MARK within the VE. At the VE0 the module has been loaded and is in use - so it works there...

If I try to use it inside the container:

```
/sbin/iptables -t mangle -I PREROUTING -p tcp -d MYHOST --dport 3690 -j MARK --set-mark 1
FATAL: Could not load /lib/modules/2.6.27.21-briullov/modules.dep: No such file or directory
FATAL: Could not load /lib/modules/2.6.27.21-briullov/modules.dep: No such file or directory
```

Yes... I use 2.6.27.21-briullov...

---- sniplet from strace ---

```
open("/lib/iptables/libxt_tcp.so", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\300\7\0"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0644, st_size=9736, ...}) = 0
mmap2(NULL, 12580, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0xb8036000
mmap2(0xb8038000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1) = 0xb8038000
close(3) = 0
mprotect(0xb8038000, 4096, PROT_READ) = 0
open("/lib/iptables/libxt_MARK.so", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0@\5\0\000"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0644, st_size=5708, ...}) = 0
mmap2(NULL, 8552, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) =
0xb7edf000
mmap2(0xb7ee0000, 8192, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0) = 0xb7ee0000
close(3) = 0
mprotect(0xb7ee0000, 4096, PROT_READ) = 0
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=0xb8056b28) = 2598
wait4(-1, FATAL: Could not load /lib/modules/2.6.27.21-briullov/modules.dep: No such file or
directory
[{{WIFEXITED(s) && WEXITSTATUS(s) == 1}}, 0, NULL) = 2598
```

```

--- SIGCHLD (Child exited) @ 0 (0) ---
getsockopt(3, SOL_IP, 0x43 /* IP_??? */,
"MARK\0\t0Z\205\277\244\20\356\267\=\5\270eH\5\270\240"... , [30]) = 0
close(3) = 0
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=0xb8056b28) = 2599
wait4(-1, FATAL: Could not load /lib/modules/2.6.27.21-briullov/modules.dep: No such file or
directory
[{{WIFEXITED(s) && WEXITSTATUS(s) == 1}}, 0, NULL) = 2599
--- SIGCHLD (Child exited) @ 0 (0) ---
getsockopt(3, SOL_IP, 0x43 /* IP_??? */,
"MARK\0\t0Z\205\277\244\20\356\267\=\5\270eH\5\270\240"... , [30]) = 0
close(3) = 0
getpid() = 2597
open("/etc/resolv.conf", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=113, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0xb8035000
read(3, "domain cmi\nsearch cmi"... , 4096) = 113
read(3, "", 4096) = 0
close(3) = 0
munmap(0xb8035000, 4096) = 0
open("/etc/networks", O_RDONLY|0x80000 /* O_??? */) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=91, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0xb8035000
read(3, "# symbolic names for networks, s"... , 4096) = 91

```

---- sniplet from strace ---

Any ideas ?

Lars