
Subject: Re: openvpn and tap/bridging with a "dummy" network adapter?

Posted by [snowdeal](#) on Fri, 24 Feb 2006 19:38:49 GMT

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from the vps config file, i can verify that net_admin is set [1]. results from strace [2].

[1] CAPABILITY="NET_ADMIN:on"

[2]

```
strace -f /usr/sbin/brctl addbr br0
```

```
execve("/usr/sbin/brctl", ["/usr/sbin/brctl", "addbr", "br0"], [/* 19 vars */]) = 0
```

```
uname({sys="Linux", node="foo.bar.com", ...}) = 0
```

```
brk(0) = 0x804e000
```

```
access("/etc/ld.so.preload", R_OK) = -1 ENOENT (No such file or directory)
```

```
open("/etc/ld.so.cache", O_RDONLY) = 3
```

```
fstat64(3, {st_mode=S_IFREG|0644, st_size=20708, ...}) = 0
```

```
old_mmap(NULL, 20708, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40017000
```

```
close(3) = 0
```

```
open("/usr/lib/libsysfs.so.1", O_RDONLY) = 3
```

```
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\234#\0"..., 512) = 512
```

```
fstat64(3, {st_mode=S_IFREG|0755, st_size=38652, ...}) = 0
```

```
old_mmap(NULL, 37484, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x4001d000
```

```
old_mmap(0x40026000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x9000) = 0x40026000
```

```
close(3) = 0
```

```
open("/lib/tls/libc.so.6", O_RDONLY) = 3
```

```
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\200\1\000"..., 512) = 512
```

```
fstat64(3, {st_mode=S_IFREG|0755, st_size=1451366, ...}) = 0
```

```
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40027000
```

```
old_mmap(NULL, 1219772, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40028000
```

```
old_mmap(0x4014c000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x124000) = 0x4014c000
```

```
old_mmap(0x40150000, 7356, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x40150000
```

```
close(3) = 0
```

```
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40152000
```

```
mprotect(0x4014c000, 4096, PROT_READ) = 0
```

```
mprotect(0x40015000, 4096, PROT_READ) = 0
```

```
set_thread_area({entry_number:-1 -> 6, base_addr:0x401526c0, limit:1048575, seg_32bit:1, contents:0, read_exec_only:0, limit_in_pages:1, seg_not_present:0, useable:1}) = 0
```

```
munmap(0x40017000, 20708) = 0
```

```
socket(PF_INET, SOCK_STREAM, IPPROTO_IP) = 3
```

```
brk(0) = 0x804e000
```

```
brk(0x806f000) = 0x806f000
```

```
open("/proc/mounts", O_RDONLY) = 4
```

```
fstat64(4, {st_mode=S_IFREG|0444, st_size=0, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x40017000
read(4, "simfs / simfs rw 0 0\nproc /proc "..., 1024) = 85
read(4, "", 1024) = 0
close(4) = 0
munmap(0x40017000, 4096) = 0
ioctl(3, 0x89a0, 0xbfffc6f) = -1 EPERM (Operation not permitted)
ioctl(3, SIOCSIFBR, 0xbffff0e0) = -1 EPERM (Operation not permitted)
write(2, "add bridge failed: Operation not"... , 43add bridge failed: Operation not permitted
) = 43
exit_group(1) = ?
Process 3987 detached
```
