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Subject: Re: smtp port

Posted by [youp](#) on Wed, 06 Sep 2006 08:01:12 GMT

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ON HW Node -> rpm -qa | grep telnet

telnet-0.17-26.2.1.legacy

telnet-server-0.17-26.2.1.legacy

ON VPS rpm -qa | grep telnet

telnet-0.17-28.FC2.1

strace on vps :

trace -f telnet 69.64.46.7 25

```
execve("/usr/bin/telnet", ["telnet", "69.64.46.7", "25"], [/* 17 vars */]execve("/usr/bin/telnet",
["telnet", "69.64.46.7", "25"], [/* 17 vars */]) = 0
```

```
) = 0
```

```
brk(0) = 0x80023000
```

```
uname({sys="Linux", node="virt103.allit.be", ...}) = 0
```

```
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=29474, ...}) = 0
```

```
old_mmap(NULL, 29474, PROT_READ, MAP_PRIVATE, 3, 0) = 0x4001c000
```

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

```
open("/lib/libutil.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\260\xf0"..., 512) = 512
```

```
fstat64(3, {st_mode=S_IFREG|0755, st_size=13380, ...}) = 0
```

```
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40024000
```

```
old_mmap(NULL, 12432, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40025000
```

```
old_mmap(0x40027000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1000) = 0x40027000
```

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

```
open("/usr/lib/libncurses.so.5", 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\343"..., 512) = 512
```

```
fstat64(3, {st_mode=S_IFREG|0755, st_size=1030984, ...}) = 0
```

```
old_mmap(NULL, 288684, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40029000
```

```
old_mmap(0x40067000, 32768, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x3e000) = 0x40067000
```

```
old_mmap(0x4006f000, 1964, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x4006f000
```

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

```
open("/lib/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\252N\1"..., 512) = 512
```

```

fstat64(3, {st_mode=S_IFREG|0755, st_size=1478672, ...}) = 0
old_mmap(NULL, 1215452, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40070000
old_mmap(0x40193000, 16384, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x122000) = 0x40193000
uname({sys="Linux", node="nsbk.allit.be", ...}) = 0
old_mmap(0x40197000, 7132, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x40197000
close(3) = 0
open("/lib/libdl.so.2", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\0\0\0\0\000"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=14504, ...}) = 0
old_mmap(NULL, 12408, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40199000
old_mmap(0x4019b000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x1000) = 0x4019b000
close(3) = 0
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x4019d000
set_thread_area({entry_number:-1 -> 6, base_addr:0x4019d8e0, limit:1048575, seg_32bit:1, contents:0, read_exec_only:0, limit_in_pages:1, seg_not_present:0, useable:1}) = 0
mprotect(0x4019b000, 4096, PROT_READ) = 0
mprotect(0x40193000, 8192, PROT_READ) = 0
mprotect(0x40027000, 4096, PROT_READ) = 0
mprotect(0x4001a000, 4096, PROT_READ) = 0
munmap(0x4001c000, 29474) = 0
brk(0) = 0x80023000
brk(0x80044000) = 0x80044000
ioctl(0, SNDCTL_TMR_TIMEBASE or TCGETS, {B38400 opost isig icanon echo ...}) = 0
rt_sigprocmask(SIG_BLOCK, NULL, [], 0) = 0
fstat64(1, brk(0)) = 0x80021000
{st_mode=S_IFCHR|0600, st_rdev=makedev(136, 0), ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x4001c000
write(1, "Trying 69.64.46.7...\r\n", 22Trying 69.64.46.7...
) = 22
socket(PF_INET, SOCK_STREAM, IPPROTO_TCP) = 3
setsockopt(3, SOL_IP, IP_TOS, [16], 4) = 0
connect(3, {sa_family=AF_INET, sin_port=htons(25), sin_addr=inet_addr("69.64.46.7")}, 16open("/etc/ld.so.preload", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=24409, ...}) = 0
old_mmap(NULL, 24409, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40013000
close(3) = 0
open("/lib/libutil.so.1", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\0\0\0\0\000"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=13948, ...}) = 0
old_mmap(NULL, 12432, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) = 0x40019000

```

```

old_mmap(0x4001b000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x1000) = 0x4001b000
close(3) = 0
open("/usr/lib/libncurses.so.5", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0000\341"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=2746679, ...}) = 0
old_mmap(NULL, 261420, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) = 0x4001d000
old_mmap(0x40054000, 36864, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x36000) = 0x40054000
close(3) = 0
open("/lib/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\360O\1"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=1345512, ...})

```

## STRACE on HW

```

strace -f telnet 69.64.46.7 25
execve("/usr/bin/telnet", ["telnet", "69.64.46.7", "25"], [/ 29 vars *]) = 0
uname({sys="Linux", node="nsfr.allit.be", ...}) = 0
brk(0) = 0x8067000
open("/etc/ld.so.preload", O_RDONLY) = -1 ENOENT (No such file or directory)
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=27378, ...}) = 0
old_mmap(NULL, 27378, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40000000
close(3) = 0
open("/lib/libutil.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@\^347G"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=14100, ...}) = 0
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1,
0) = 0x40007000
old_mmap(0x47e75000, 10996, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) =
0x47e75000
old_mmap(0x47e77000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x1000) = 0x47e77000
close(3) = 0
open("/usr/lib/libncurses.so.5", 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\243"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=2743560, ...}) = 0
old_mmap(0x47eec000, 260172, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) =
0x47eec000
old_mmap(0x47f23000, 32768, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x37000) = 0x47f23000
old_mmap(0x47f2b000, 2124, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x47f2b000
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\0\3\0\3\0\1\0\0\0\210\317"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=1579688, ...}) = 0
old_mmap(0x47ce3000, 1279340, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) =
0x47ce3000
old_mmap(0x47e16000, 12288, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x133000) = 0x47e16000
old_mmap(0x47e19000, 9580, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x47e19000
close(3) = 0
open("/usr/lib/libgpm.so.1", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\372\362"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=20624, ...}) = 0
old_mmap(0x47f2e000, 23192, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) = 0x47f2e000
old_mmap(0x47f33000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x4000) = 0x47f33000
close(3) = 0
open("/lib/tls/libm.so.6", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\0\25\342"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=213192, ...}) = 0
old_mmap(0x47e1e000, 138000, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) =
0x47e1e000
old_mmap(0x47e3f000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0x20000) = 0x47e3f000
close(3) = 0
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1,
0) = 0x40008000
set_thread_area({entry_number:-1 -> 6, base_addr:0x40008360, limit:1048575, seg_32bit:1,
contents:0, read_exec_only:0, limit_in_pages:1, seg_not_present:0, useable:1}) = 0
munmap(0x40000000, 27378) = 0
brk(0) = 0x8067000
brk(0x8088000) = 0x8088000
brk(0) = 0x8088000
ioctl(0, SNDCTL_TMR_TIMEBASE or TCGETS, {B38400 opost isig icanon echo ...}) = 0
rt_sigprocmask(SIG_BLOCK, NULL, [], 0) = 0
socket(PF_FILE, SOCK_STREAM, 0) = 3
connect(3, {sa_family=AF_FILE, path="/var/run/.nscd_socket"}, 110) = -1 ENOENT (No such file
or directory)
close(3) = 0
open("/etc/nsswitch.conf", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=1695, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x40000000
read(3, "#\n# /etc/nsswitch.conf\n#\n# An ex"..., 4096) = 1695
read(3, "", 4096) = 0
close(3) = 0
munmap(0x40000000, 4096) = 0
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=27378, ...}) = 0

```

```

old_mmap(NULL, 27378, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40000000
close(3) = 0
open("/lib/libnss_files.so.2", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0000\35\0"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=51136, ...}) = 0
old_mmap(NULL, 41904, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) = 0x40009000
old_mmap(0x40013000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3, 0xa000) = 0x40013000
close(3) = 0
munmap(0x40000000, 27378) = 0
gettimeofday({1157529596, 841996}, NULL) = 0
getpid() = 8793
open("/etc/resolv.conf", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=110, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40000000
read(3, "nameserver 213.186.45.190\nname"..., 4096) = 110
read(3, "", 4096) = 0
close(3) = 0
munmap(0x40000000, 4096) = 0
uname({sys="Linux", node="nsfr.allit.be", ...}) = 0
open("/etc/host.conf", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=17, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40000000
read(3, "order hosts,bind\n", 4096) = 17
read(3, "", 4096) = 0
close(3) = 0
munmap(0x40000000, 4096) = 0
open("/etc/hosts", O_RDONLY) = 3
fcntl64(3, F_GETFD) = 0
fcntl64(3, F_SETFD, FD_CLOEXEC) = 0
fstat64(3, {st_mode=S_IFREG|0644, st_size=186, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40000000
read(3, "# Do not remove the following li"..., 4096) = 186
read(3, "", 4096) = 0
close(3) = 0
munmap(0x40000000, 4096) = 0
open("/etc/ld.so.cache", O_RDONLY) = 3
fstat64(3, {st_mode=S_IFREG|0644, st_size=27378, ...}) = 0
old_mmap(NULL, 27378, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40000000
close(3) = 0
open("/lib/libnss_dns.so.2", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\260\16"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=18244, ...}) = 0
old_mmap(NULL, 12700, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) = 0x40014000
old_mmap(0x40017000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,

```

```

0x3000) = 0x40017000
close(3) = 0
open("/lib/libresolv.so.2", O_RDONLY) = 3
read(3, "\177ELF1\1\1\0\0\0\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\260xpC"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=73932, ...}) = 0
old_mmap(0x43705000, 73640, PROT_READ|PROT_EXEC, MAP_PRIVATE, 3, 0) =
0x43705000
old_mmap(0x43714000, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED, 3,
0xe000) = 0x43714000
old_mmap(0x43715000, 8104, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x43715000
close(3) = 0
munmap(0x40000000, 27378) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 3
connect(3, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("213.186.45.190")}, 28)
= 0
send(3, "\204\252\1\0\0\1\0\0\0\0\0\0\0\0017\00246\00264\00269\7i"..., 41, 0) = 41
gettimeofday({1157529596, 856161}, NULL) = 0
poll([{fd=3, events=POLLIN, revents=POLLERR}], 1, 5000) = 1
ioctl(3, FIONREAD, [0]) = 0
recvfrom(3, 0xbfffe140, 1024, 0, 0xbfffd04, 0xbffdec4) = -1 ECONNREFUSED (Connection
refused)
close(3) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 3
connect(3, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("193.221.123.11")}, 28)
= 0
send(3, "\204\252\1\0\0\1\0\0\0\0\0\0\0\0017\00246\00264\00269\7i"..., 41, 0) = 41
gettimeofday({1157529596, 858437}, NULL) = 0
poll([{fd=3, events=POLLIN, revents=POLLIN}], 1, 3000) = 1
ioctl(3, FIONREAD, [129]) = 0
recvfrom(3, "\204\252\201\200\0\1\0\1\0\3\0\0\0017\00246\00264\0026"..., 1024, 0,
{sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("193.221.123.11")}, [16]) = 129
close(3) = 0
fstat64(1, {st_mode=S_IFCHR|0620, st_rdev=makedev(3, 1), ...}) = 0
ioctl(1, SNDCTL_TMR_TIMEBASE or TCGETS, {B38400 opost isig icanon echo ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x40000000
write(1, "Trying 69.64.46.7...\r\n", 22Trying 69.64.46.7...
) = 22
socket(PF_INET, SOCK_STREAM, IPPROTO_TCP) = 3
setsockopt(3, SOL_IP, IP_TOS, [16], 4) = 0
connect(3, {sa_family=AF_INET, sin_port=htons(25), sin_addr=inet_addr("69.64.46.7")}, 16) = 0
open("/root/.telnetrc", O_RDONLY) = -1 ENOENT (No such file or directory)
write(1, "Connected to 69.64.46.7.\r\n", 26Connected to 69.64.46.7.
) = 26
write(1, "Escape character is '^]'\r\n", 27Escape character is '^].
) = 27
rt_sigprocmask(SIG_BLOCK, NULL, [], 0) = 0

```



```

rt_sigaction(SIGINT, {0x804e1f0, [INT], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{SIG_DFL}, = 0
rt_sigaction(SIGQUIT, {0x804e230, [QUIT], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{SIG_DFL}, = 0
rt_sigaction(SIGPIPE, {0x804e1d0, [PIPE], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{SIG_DFL}, = 0
rt_sigaction(SIGWINCH, {0x804e2a0, [WINCH], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{SIG_DFL}, = 0
rt_sigaction(SIGTSTP, {0x804e260, [TSTP], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{SIG_DFL}, = 0
rt_sigaction(SIGTSTP, {0x804e260, [TSTP], SA_RESTORER|SA_RESTART, 0x47d0aa58},
{0x804e260, [TSTP], SA_RESTORER|SA_RESTART, 0x47d0aa58}, = 0
ioctl(0, SNDCTL_TMR_STOP or TCSETSW, {B38400 opost isig icanon echo ...}) = 0
ioctl(0, FIONBIO, [1]) = 0
ioctl(1, FIONBIO, [1]) = 0
ioctl(3, FIONBIO, [1]) = 0
setsockopt(3, SOL_SOCKET, SO_OOBINLINE, [1], 4) = 0
select(4, [0 3], [], [3], {0, 0}) = 0 (Timeout)
select(4, [0 3], [], [3], NULL) = 1 (in [3])
recv(3, "220 vzorg.swsoft.net ESMTP Sendm"..., 8192, 0) = 83
select(4, [0 3], [1], [3], {0, 0}) = 1 (out [1], left {0, 0})
write(1, "220 vzorg.swsoft.net ESMTP Sendm"..., 82220 vzorg.swsoft.net ESMTP Sendmail
8.13.1/8.13.1; Wed, 6 Sep 2006 04:00:01 -0400
) = 82
select(4, [0 3], [], [3], NULL

```