

---

Subject: Re: DNS not working in VE  
Posted by [jchamilton](#) on Thu, 13 Jul 2006 13:35:35 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Didn't work - here's what I did:

```
Added the rules by copy/paste
# service iptables save
# service vz stop
# service iptables restart
# service vz start
# vzctl start 101
# vzctl enter 101
```

Then from the VE:

```
entered into VPS 101
-bash-3.00# ping www.google.com
ping: unknown host www.google.com
```

With strace:

```
execve("/bin/ping", ["ping", "www.google.com"], [/* 16 vars */]) = 0
uname({sys="Linux", node="vps101.corp.xxxxx.com", ...}) = 0
brk(0) = 0x8001c000
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=18909, ...}) = 0
old_mmap(NULL, 18909, PROT_READ, MAP_PRIVATE, 3, 0) = 0x40017000
close(3) = 0
open("/lib/libresolv.so.2", O_RDONLY) = 3
read(3, "\177ELF\1\1\1\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\360#\0"..., 512) = 512
fstat64(3, {st_mode=S_IFREG|0755, st_size=77740, ...}) = 0
old_mmap(NULL, 75944, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x4001c000
old_mmap(0x4002b000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0xf000) = 0x4002b000
old_mmap(0x4002d000, 6312, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x4002d000
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=1451450, ...}) = 0
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x4002f000
old_mmap(NULL, 1219772, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 3, 0) = 0x40030000
old_mmap(0x40154000, 16384, PROT_READ|PROT_WRITE,
```

```

MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 3, 0x124000) = 0x40154000
old_mmap(0x40158000, 7356, PROT_READ|PROT_WRITE,
MAP_PRIVATE|MAP_FIXED|MAP_ANONYMOUS, -1, 0) = 0x40158000
close(3) = 0
old_mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1,
0) = 0x4015a000
mprotect(0x40154000, 4096, PROT_READ) = 0
mprotect(0x40015000, 4096, PROT_READ) = 0
set_thread_area({entry_number:-1 -> 6, base_addr:0x4015a6c0, limit:1048575, seg_32bit:1,
contents:0, read_exec_only:0, limit_in_pages:1, seg_not_present:0, useable:1}) = 0
munmap(0x40017000, 18909) = 0
socket(PF_INET, SOCK_RAW, IPPROTO_ICMP) = 3
getuid32() = 0
setuid32(0) = 0
brk(0) = 0x8001c000
brk(0x8003d000) = 0x8003d000
gettimeofday({1152796486, 371270}, NULL) = 0
getpid() = 7922
open("/etc/resolv.conf", O_RDONLY) = 4
fstat64(4, {st_mode=S_IFREG|0644, st_size=23, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x40017000
read(4, "nameserver 10.79.32.60\n", 4096) = 23
read(4, "", 4096) = 0
close(4) = 0
munmap(0x40017000, 4096) = 0
uname({sys="Linux", node="vps101.corp.xxxxx.com", ...}) = 0
socket(PF_FILE, SOCK_STREAM, 0) = 4
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
connect(4, {sa_family=AF_FILE, path="/var/run/nscd/socket"}, 110) = -1 ENOENT (No such file or
directory)
close(4) = 0
socket(PF_FILE, SOCK_STREAM, 0) = 4
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
connect(4, {sa_family=AF_FILE, path="/var/run/nscd/socket"}, 110) = -1 ENOENT (No such file or
directory)
close(4) = 0
open("/etc/nsswitch.conf", O_RDONLY) = 4
fstat64(4, {st_mode=S_IFREG|0644, st_size=1623, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x40017000
read(4, "#\n# /etc/nsswitch.conf\n#\n# An ex" ..., 4096) = 1623
read(4, "", 4096) = 0
close(4) = 0
munmap(0x40017000, 4096) = 0
open("/etc/ld.so.cache", O_RDONLY) = 4

```

```
fstat64(4, {st_mode=S_IFREG|0644, st_size=18909, ...}) = 0
old_mmap(NULL, 18909, PROT_READ, MAP_PRIVATE, 4, 0) = 0x40017000
close(4) = 0
open("/lib/libnss_files.so.2", O_RDONLY) = 4
read(4, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\20\33\0"..., 512) = 512
fstat64(4, {st_mode=S_IFREG|0755, st_size=45889, ...}) = 0
old_mmap(NULL, 41608, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 4, 0) = 0x4015b000
old_mmap(0x40164000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 4, 0x8000) = 0x40164000
close(4) = 0
munmap(0x40017000, 18909) = 0
open("/etc/host.conf", O_RDONLY) = 4
fstat64(4, {st_mode=S_IFREG|0644, st_size=17, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40017000
read(4, "order hosts,bind\n", 4096) = 17
read(4, "", 4096) = 0
close(4) = 0
munmap(0x40017000, 4096) = 0
open("/etc/hosts", O_RDONLY) = 4
fcntl64(4, F_GETFD) = 0
fcntl64(4, F_SETFD, FD_CLOEXEC) = 0
fstat64(4, {st_mode=S_IFREG|0644, st_size=73, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x40017000
read(4, "127.0.0.1 vps101.corp.xxxxx.co"..., 4096) = 73
read(4, "", 4096) = 0
close(4) = 0
munmap(0x40017000, 4096) = 0
open("/etc/ld.so.cache", O_RDONLY) = 4
fstat64(4, {st_mode=S_IFREG|0644, st_size=18909, ...}) = 0
old_mmap(NULL, 18909, PROT_READ, MAP_PRIVATE, 4, 0) = 0x40017000
close(4) = 0
open("/lib/libnss_dns.so.2", O_RDONLY) = 4
read(4, "\177ELF\1\1\1\0\0\0\0\0\0\0\0\3\0\3\0\1\0\0\0\300\r\0"..., 512) = 512
fstat64(4, {st_mode=S_IFREG|0755, st_size=21280, ...}) = 0
old_mmap(NULL, 20612, PROT_READ|PROT_EXEC, MAP_PRIVATE|MAP_DENYWRITE, 4, 0) = 0x40166000
old_mmap(0x4016a000, 8192, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_FIXED|MAP_DENYWRITE, 4, 0x3000) = 0x4016a000
close(4) = 0
munmap(0x40017000, 18909) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 4
connect(4, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("10.79.32.60")}, 28) = 0
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
gettimeofday({1152796486, 377655}, NULL) = 0
```

```

poll([fd=4, events=POLLOUT, revents=POLLOUT]), 1, 0) = 1
send(4, "\363\362\1\0\0\1\0\0\0\0\0\0\0\3www\6google\3com\0\0\1\0"... , 32, 0) = 32
poll([fd=4, events=POLLIN, revents=POLLERR]), 1, 5000) = 1
close(4) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 4
connect(4, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("10.79.32.60")}, 28) = 0
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
gettimeofday({1152796486, 378628}, NULL) = 0
poll([fd=4, events=POLLOUT, revents=POLLOUT]), 1, 0) = 1
send(4, "\363\362\1\0\0\1\0\0\0\0\0\0\0\3www\6google\3com\0\0\1\0"... , 32, 0) = 32
poll([fd=4, events=POLLIN, revents=POLLERR]), 1, 5000) = 1
close(4) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 4
connect(4, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("10.79.32.60")}, 28) = 0
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
gettimeofday({1152796486, 379496}, NULL) = 0
poll([fd=4, events=POLLOUT, revents=POLLOUT]), 1, 0) = 1
send(4, "L_\1\0\0\1\0\0\0\0\0\0\0\3www\6google\3com\4corp"... , 48, 0) = 48
poll([fd=4, events=POLLIN, revents=POLLERR]), 1, 5000) = 1
close(4) = 0
socket(PF_INET, SOCK_DGRAM, IPPROTO_IP) = 4
connect(4, {sa_family=AF_INET, sin_port=htons(53), sin_addr=inet_addr("10.79.32.60")}, 28) = 0
fcntl64(4, F_GETFL) = 0x2 (flags O_RDWR)
fcntl64(4, F_SETFL, O_RDWR|O_NONBLOCK) = 0
gettimeofday({1152796486, 380237}, NULL) = 0
poll([fd=4, events=POLLOUT, revents=POLLOUT]), 1, 0) = 1
send(4, "L_\1\0\0\1\0\0\0\0\0\0\0\3www\6google\3com\4corp"... , 48, 0) = 48
poll([fd=4, events=POLLIN, revents=POLLERR]), 1, 5000) = 1
close(4) = 0
write(2, "ping: unknown host www.google.co"... , 34ping: unknown host www.google.com
) = 34
exit_group(2) = ?
Process 7922 detached

```

I also uninstalled the only package I've installed since I installed OpenVZ with the same results...

jch

---