Subject: Re: Bridge inside VE???
Posted by bobomagic on Thu, 06 Sep 2007 15:47:20 GMT
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I was patching against kernel-2.6.16-1.2133_FC5.026test015 and had to modify your patch a little, to:

```
--- linux-2.6.16/net/bridge/br_device.c.orig    2007-09-05 22:04:10.000000000 -0700
+++ linux-2.6.16/net/bridge/br_device.c 2007-09-05 22:10:29.000000000 -0700
@@ -185,6 +185,7 @@
        dev->set_mac_address = br_set_mac_address;
        dev->priv_flags = IFF_EBRIDGE;

-       dev->features = NETIF_F_SG | NETIF_F_FRAGLIST
-               | NETIF_F_HIGHDMA | NETIF_F_TSO | NETIF_F_IP_CSUM;
+       dev->features = NETIF_F_SG | NETIF_F_FRAGLIST | NETIF_F_HIGHDMA |
+               NETIF_F_TSO | NETIF_F_NO_CSUM |
+               NETIF_F_VIRTUAL;
 }
```

I then copied brctl binary and sysfs libraries to VE, ran
% brctl addbr vbr0

and got a kernel dump:

```
hipvz kernel: ------------[ cut here ]------------

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: kernel BUG at fs/sysfs/bin.c:187!

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: invalid opcode: 0000 [#1]

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: CPU:    0, VCPU: 101:0

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: EIP is at sysfs_create_bin_file+0x1b/0x36

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: eax: e2bfbb01   ebx: e0b929e0   ecx: c2979214   edx: e0b92900

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: esi: 00000001   edi: c2979000   ebp: c2979214   esp: c2980edc

Message from syslogd@hipvz at Thu Sep  6 08:26:40 2007 ...
hipvz kernel: ds: 007b   es: 007b   ss: 0068
```

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: Process brctl (pid: 12300, veid=101, threadinfo=c2980000 task=cf7af2f0)

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: Stack: <0>00000000 e0b8c227 00000000 00000001 c2979744 c2979000 e0b8969f 00000001

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: dead4ead ffffffff ffffffff 00000001 dead4ead ffffffff ffffffff 000089a0

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: bfe02d02 c2980f40 de692d00 e0b8a3c6 c6dd0180 000005dc c2977008 b7f04000

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: Call Trace:

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<e0b8c227>] br_sysfs_addbr+0x48/0xe2 [bridge] [<e0b8969f>] br_add_bridge+0x19a/0x1c5 [bridge]

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<e0b8a3c6>] br_ioctl_deviceless_stub+0x18d/0x1b3 [bridge] [<c0151635>] free_pgtables+0x69/0x78

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<e0b8a239>] br_ioctl_deviceless_stub+0x0/0x1b3 [bridge] [<c029b15b>] sock_ioctl+0x127/0x232

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<c029b034>] sock_ioctl+0x0/0x232 [<c01706ce>] do_ioctl+0x16/0x48

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<c01708ff>] vfs_ioctl+0x1ff/0x216 [<c017095e>] sys_ioctl+0x48/0x62

Message from syslogd@hipvz at Thu Sep 6 08:26:40 2007 ...
hipvz kernel: [<c0102c5d>] syscall_call+0x7/0xb <0>Code: 00 74 0a 8b 41 30 8b 12 e8 8f df ff ff 31 c0 c3 53 89 c1 89 d3 85 c0 74 12 83 78 30 00 0f 94 c0 85 d2 0f 94 c2 09 d0 a8 01 74 0b <0f> 0b 66 b8 bb 00 b8 44 cf 31 c0 8b 41 30 b9 08 00 00 00 89 da

Also, CAP_NET_ADMIN is ON for this VE.

Any other ideas?

Thanks!!!