Subject: Bonding eth0 and eth1 and use vlans in VE's does not work
Posted by Gerard64 on Thu, 04 Aug 2011 12:03:42 GMT
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Wen I use vlans in VE's without bonding eth0 and eth1 vlans are working. Wen I bond eth0 and eth1 I can't get an ip from dhcp, the vlan device is not reaching the outside anymore. Wen I remove eth0 or eth1 from the bond0 it is working again.

In 2006 there was a bond driver patch (Sorry can't post any links yet) for this problem and in openvz 2.6.17 it was build in accrding to this post? (Sorry can't post any links yet).

Does anybody know how i can fix this? I'm running openvz 2.6.32-5 debian 6 squeeze on host system and in VE's.

This is my /etc/network/interfaces file:

```
auto bond0
iface bond0 inet manual
    up ifconfig bond0 0.0.0.0 up
#    slaves eth0 eth1
    slaves eth0
    bond_mode balance-rr
#    bond_mode balance-tlb
#    bond_mode active-backup
    bond_miimon 100
    bond_downdelay 200
    bond_updelay 200

auto vmbr0
iface vmbr0 inet static
    address 192.168.166.4
    netmask 255.255.255.224
    network 192.168.166.0
    broadcast 192.168.166.31
    gateway 192.168.166.1
    bridge_ports bond0
    bridge_fd 0
    bridge_stp off
```

Subject: Re: Bonding eth0 and eth1 and use vlans in VE's does not work (SOLVED)
Posted by Gerard64 on Tue, 30 Aug 2011 22:16:25 GMT
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After searched and read some more about the problem I found a solution for it.

Quote:vm2 was using mode 1 bonding (balance-rr) which does simple round-robin load balancing

instead of mode 5 (balance-tlb) which does adaptive transmit load balancing. I changed this on vm2 to:

alias bond0 bonding
options bond0 miimon=80 mode=5

and rebooted. Problem solved!

Sorry can't post no url's yet.
