
Subject: NIC teaming(bonding)

Posted by [dagr](#) on Thu, 11 Jun 2009 13:14:53 GMT

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What if i have 2 100Mbit NICS on HN,each connected to same uplink switch.

And lets say i have VPS with IP_1. Does it mean that i already have 200Mbit for that VPS (cause both NICS will proxy arp, right ?)

in sysctl.conf i have

```
#-- OpenVZ begin --#
```

```
# On Hardware Node we generally need
```

```
# packet forwarding enabled and proxy arp disabled
```

```
net.ipv4.conf.default.forwarding=1
```

```
net.ipv4.conf.default.proxy_arp = 0
```

```
# Enables source route verification
```

```
net.ipv4.conf.all.rp_filter = 1
```

```
# Enables the magic-sysrq key
```

```
kernel.sysrq = 1
```

```
# TCP Explicit Congestion Notification
```

```
#net.ipv4.tcp_ecn = 0
```

```
# we do not want all our interfaces to send redirects
```

```
net.ipv4.conf.default.send_redirects = 1
```

```
net.ipv4.conf.all.send_redirects = 0
```

```
net.ipv4.conf.eth0.forwarding=1
```

```
net.ipv4.conf.eth1.forwarding=1
```

```
#-- OpenVZ end --#
```

Subject: Re: NIC teaming(bonding)

Posted by [khorenko](#) on Fri, 12 Jun 2009 09:09:14 GMT

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Hi.

Quote:Does it mean that i already have 200Mbit for that VPS (cause both NICS will proxy arp, right ?)

No, it does not.

To utilize both links simultaneously you need to configure bonding device on the Hardware Node from both NICs you have and set up correct bonding mode (i do not remember for sure but may be its mode 0 or 5).

--

Konstantin
