

Re: Gigabit ethernet

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- *From:* Matthijs.Sneijders@xxxxxxxxxxxxxxxx
 - *Date:* Thu, 27 Jul 2006 10:04:40 +0200
-

please make sure that you are using a 4 pair fully connected cat5 cable, a 2pair connected cat5 cable will connect 100megabit but not gigabit.

Matthijs

Stephane Branchoux
<stephane.branchoux@univ-perp.fr> To: redhat-list@xxxxxxxxxxxxx
iv-perp.fr> cc:
Sent by: Subject: Gigabit ethernet
redhat-list-bounces@redhat.com

27-07-2006 09:47
Please respond to
stephane.branchoux;
Please respond to
General Red Hat Linux
discussion list

Hello,

I use 2.6.9-34.0.2.ELsmp kernel on a Red Hat Enterprise Linux AS release 4 box.

```
# lspci |grep -i ethernet
02:01.0 Ethernet controller: Intel Corporation 82546GB Gigabit Ethernet
Controller (rev 03)
```

Eth1 card is connected on a 2950 cisco switch (on a giga port RJ45, speed 1000 and duplex full).

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When i use :

ethtool -s eth1 speed 1000 duplex full autoneg off, then mii-tool -v
gives me :

eth1: negotiated, link ok
product info: vendor 00:50:43, model 2 rev 5
basic mode: autonegotiation enabled
basic status: autonegotiation complete, link ok
capabilities: 100baseTx-FD 100baseTx-HD 10baseT-FD 10baseT-HD

How to activate 1000baseTx-FD ?

Many thanks in advance.

—
stephane BRANCHOUX
Centre de Ressources Informatiques de l'Université de Perpignan.
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04 68 66 21 24
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