

## RE: SIOCDELRT: No such process (sarge networking)

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-08/3243.html>

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**Date:** 08/23/04

Date: Mon, 23 Aug 2004 09:14:47 +0200

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> *Now I am wondering if it is hardware-related; I am*  
> *using a motherboard with integrated ethernet: SiS900*  
> *PCI Fast Ethernet (rev 83)*

Yeap, I have the same situation on a system with that chip. What happens is that eth0 and eth1 simply "swaps places" on some boots (integrated SiS900 and a Intel Etherexpress Pro 100S) i.e. it seem to initialize the devices in the wrong order sometimes. Personally I couldn't be bothered in finding a real solution, so I just scripted to have the system reboot if eth0 did not come up with the MAC-address it was supposed to have. Ugly solution, but workable.. change MAC's as needed.

```
#!/bin/bash
ETH0MAC="AA:AA:AA:AA:AA:AA"
REALMAC0="$(/sbin/ifconfig | grep eth0 | awk '$0 ~ /HWaddr/ {print $NF}')"
ETH1MAC="BB:BB:BB:BB:BB:BB"
REALMAC1="$(/sbin/ifconfig | grep eth1 | awk '$0 ~ /HWaddr/ {print $NF}')"

if [ "$ETH0MAC" != "$REALMAC0" ]
then
    echo "REBOOTING DUE TO MAC MISSMATCH"
    sleep 3
    /sbin/reboot
fi

if [ "$ETH1MAC" != "$REALMAC1" ]
then
    echo "REBOOTING DUE TO MAC MISSMATCH"
    sleep 3
    /sbin/reboot
fi
```