snmp issue in upgrading from sarge to etch

After upgrading from Debian sarge to etch, there was a problem with snmp on one of my servers. No snmp information could be obtained. Note: this problem only occurred when I upgrade to etch on 10th of April, 2007. A previously upgraded server to etch, a few months previous did not have this problem.

Research and Debug

```
snmpwalk -v 1 -OS -c public localhost

netstat -a
//check for snmp
```

The output of netstat showed:

udp 0 0 localhost:snmp *:*

So snmp had bound to 127.0.0.1 for some reason. Looking in /etc/snmp/* did not reveal anything.

Problem and Solution

```
ps -eaf | grep snmp
snmp      8852     1  2 17:01 ?        00:00:00 /usr/sbin/snmpd -Lsd -Lf /dev/null -u snmp -I -smux
```

The snmpd had specifically been given a 127.0.0.1 starting parameter.

```
vi /etc/default/snmpd

//change the following:
SNMPDOPTS='-Lsd -Lf /dev/null -u snmp -I -smux -p /var/run/snmpd.pid 127.0.0.1'

//to:
SNMPDOPTS='-Lsd -Lf /dev/null -u snmp -I -smux -p /var/run/snmpd.pid'
```

Done. Hope it works. The above config to /etc/default/snmpd was done on the original Snmpd & mrtg setup, however on upgrading, etch must have put a new default/snmpd into /etc/. Check with "snmpwalk -v 1 -OS -c public localhost" from localhost and/or from your monitoring server.