

## Disable uptime detection from external mashines

With the right tools you can "sniff" the uptime of a linux mashine only by sending and analysing tcp packets. The tool nmap does such a test.

Example output from nmap:

```
Interesting ports on 192.168.70.121:
PORT      STATE SERVICE
80/tcp    open  http
81/tcp    closed hosts2-ns
Device type: general purpose
Running: Linux 2.4.X|2.5.X
OS details: Linux Kernel 2.4.18 - 2.5.70 (X86)
Uptime 0.667 days (since Thu Oct 21 03:21:03 2004)
```

This uptime statistics can be disabled by running the following command:

```
echo 0>/proc/sys/net/ipv4/tcp_timestamp
```

running nmap after that:

```
...
Running: Linux 2.4.X|2.5.X
OS details: Linux Kernel 2.4.0 - 2.5.20 w/o tcp_timestamps
...
```

You can add that line above to you init script or modify /etc/sysctl.conf and add that line:

```
net.ipv4.tcp_timestamp=0
```

```
image:rdf newsfeed //static.linuxhowtos.org/data/rdf.png (null)
|
image:rss newsfeed //static.linuxhowtos.org/data/rss.png (null)
|
image:Atom newsfeed //static.linuxhowtos.org/data/atom.png (null)
- Powered by
image:LeopardCMS //static.linuxhowtos.org/data/leopardcms.png (null)
- Running on
image:Gentoo //static.linuxhowtos.org/data/gentoo.png (null)
-
Copyright 2004-2020 Sascha Nitsch Unternehmensberatung GmbH
image:Valid XHTML1.1 //static.linuxhowtos.org/data/xhtml1.png (null)
:
image:Valid CSS //static.linuxhowtos.org/data/css.png (null)
:
image:buttonmaker //static.linuxhowtos.org/data/buttonmaker.png (null)
- Level Triple-A Conformance to Web Content Accessibility Guidelines 1.0 -
```

- Copyright and legal notices -

Time to create this page: ms

<!--

image:system status display / /status/output.jpg (null)

-->