

**NAME**

vnStat image output – png image output support for vnStat

**SYNOPSIS**

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vnstati [ -cdimostv? ] [ -i interface ] [ --hours ] [ --days ] [ --months ] [ --top10 ] [ --summary ] [ -hs ] [ --hsummary ] [ -vs ] [ --vsummary ] [ -ne ] [ --noedge ] [ -nh ] [ --noheader ] [ --output file ] [ --cache time ] [ --iface interface ] [ --config file ] [ --help ] [ --version ]
```

**DESCRIPTION**

The purpose of **vnstati** is to provide image output support for statistics collected using **vnstat(1)**. However, the image file format is limited to png. All basic outputs of vnStat are supported excluding live traffic features. The image can be outputted either to a file or to standard output.

**vnstati** is the image output command for **vnstat(1)**. It provides png image file output from database files created using vnStat.

**OPTIONS**

- s, --summary**  
Output traffic summary.
- hs, --hsummary**  
Output traffic summary including hourly data using a horizontal layout.
- vs, --vsummary**  
Output traffic summary including hourly data using a vertical layout.
- d, --days**  
Output traffic for days.
- h, --hours**  
Output traffic for the last 24 hours.
- m, --months**  
Output traffic for months.
- t, --top10**  
Output all time top10 traffic days.
- ne, --noedge**  
Remove darker edges from around the image.
- nh, --noheader**  
Remove header containing title and update time. Time of the previous update will still be visible in the lower right corner using a less visible color.
- o, --output *file***  
Write png image to *file* and exit. Output can be directed to stdout by giving "-" as filename.
- c, --cache *time***  
Update output file only if at least *time* minutes have passed since the previous file update. This option is ignored if stdout is used as output.
- i, --iface *interface***  
Use *interface* instead of default or configured interface.
- config *file***  
Use *file* as config file instead of using normal config file search function.
- .?, --help**  
Show a command summary.
- v, --version**  
Show current version.

**FILES**

*/var/lib/vnstat/*

Default database directory. Files are named according to the monitored interfaces.

*/etc/vnstat.conf*

Config file that will be used unless *\$HOME/.vnstatrc* exists.

**EXAMPLES**

**vnstati -s -i eth0 -o /tmp/vnstat.png**

Output traffic summary for interface eth0 to file /tmp/vnstat.png.

**vnstati -h -c 15 -o /tmp/vnstat\_h.png**

Output hourly traffic statistics for default interface to file /tmp/vnstat\_h.png if the file has not been updated within the last 15 minutes.

**vnstati -d -ne -nh -o -**

Output daily traffic statistics without displaying the header section and edges for default interface to standard output (stdout).

**vnstati -m --config /home/me/vnstat.cfg -i -o -**

Output monthly traffic statistics for default interface specified in configuration file /home/me/vnstat.cfg to standard output (stdout).

**AUTHOR**

Teemu Toivola <tst at iki dot fi>

**SEE ALSO**

**vnstat(1)**