

Glances



While not precisely a server management application, Glances does assist in monitoring your server which could help you manage it.

[Glances](#) is a feature rich, lightweight monitoring tool for a plethora of platforms including GNU/Linux, FreeBSD, OS X and Windows.

Glances can be accessed from a terminal or web interface and provides meaningful statistics and features such as:

CPU Load	Memory
Network interface	Process list
Disk I/O	IRQ / Raid Sensors
Docker	Filesystem
Monitor Alarms & Uptime	System info

You can export all system statistics to CSV, InfluxDB, Cassandra, OpenTSDB, StatsD, ElasticSearch or even RabbitMQ. Glances also provides a dedicated Grafana dashboard.

```

xps (Ubuntu 14.04 64bit / Linux 3.13.0-63-generic) - IP 192.168.0.5/24 Uptime: 1 day, 17:30:44
CPU: 99.9% nice: 0.5% MEM 28.1% active: 2.47G SWAP 0.0% LOAD 4-core
CPU [||||| 99.9%] user: 97.9% irq: 0.0% total: 7.71G inactive: 1.38G total: 7.91G 1 min: 1.66
MEM [||||| 28.1%] system: 1.5% lowlat: 0.0% used: 2.17G buffers: 199M used: 0 5 min: 0.98
SWAP [||||| 0.0%] idle: 0.1% steal: 0.0% free: 5.54G cached: 1.76G free: 7.91G 15 min: 0.68

NETWORK Rx/s Tx/s CONTAINERS 2 (served by Docker 1.7.1)
docker0 0b 0b
lo 0b 0b
h35fc066 0b 0b
h8e6ba8a 0b 0b
wlan0 19Kb 960Kb

Name Status CPU% MEM IOR/s IOW/s Rx/s Tx/s Command
dbgrafana_grafana_1 Up 16 mins 0.1 16.1M 0b 0b 0b /usr/sbin/grafana-server --config=/etc/grafana/grafana
bgrafana_influxdb_1 Up 16 mins 0.1 16.3M 0b 0b 0b /run.sh

TASKS 228 (731 thr), 9 run, 219 slp, 0 oth sorted automatically by cpu_percent, flat view

DISK I/O R/s W/s
sda1 0 0
sda2 0 374K
sda3 0 0

FILE SYS Used Total
/ 197G 226G
/boot/efi 3.38M 511M

SENSORS
temp1 °C 27
temp2 °C 29
Physical id °C 65
Core 0 °C 63
Core 1 °C 65
Battery % 31

CPU% MEM% VIRT RES PID USER NI S TIME+ IOR/s IOW/s Command
Dropbox RUNNING CPU: 4.9% | MEM: 0.3%
Python RUNNING
100K 22818 nicolargo 0 R 0:11.21 0 0 stress --cpu 4 -t 30
100K 22821 nicolargo 0 R 0:10.62 0 0 stress --cpu 4 -t 30
100K 22820 nicolargo 0 R 0:10.18 0 0 stress --cpu 4 -t 30
100K 22819 nicolargo 0 R 0:10.14 0 0 stress --cpu 4 -t 30
0 5:53.53 0 294K /usr/bin/perl /usr/bin/shutter
5K 157K /home/nicolargo/.dropbox-dist/dropbox-lnx.x86_64-3.8.8/dropbox /new
0 0 /usr/lib/firefox/firefox
0 python -m glances
0 /usr/bin/gnome-shell
0 /usr/bin/X :0 -background none -verbose -auth /var/run/gdm/auth-for
0 zeitgeist-database
0 /usr/lib/x86_64-linux-gnu/bamf/bamfdaemon
0 /usr/bin/docker -d --dns 8.8.8.8 --dns 8.8.4.4
0 /usr/lib/erlang/erts-5.10.4/bin/beam.smp -W w -K true -A30 -P 10485
1K /usr/lib/tracker/tracker-miner-fs
0 /usr/lib/evolution/3-10/evolution-alarm-notify
0 /usr/lib/telepathy/mission-control-5
0 /usr/bin/ibus-daemon --daemonize --xim
0 kworker/2:2
0 /usr/bin/zeitgeist-daemon
0 dbus-daemon --fork --session --address=unix:abstract=/tmp/dbus-tj7X
0 /usr/bin/python /usr/bin/terminator
0 /usr/lib/firefox/plugin-container /usr/lib/flashplugin-installer/li
Warning or critical alerts (lasts 3 entries)
2015-09-19 14:57:17 (ongoing) - CPU_USER (98.4)
2015-09-19 14:54:48 (0:00:20) - CRITICAL on CPU_USER (98.5)
2015-09-19 14:53:25 (0:00:24) - CRITICAL on CPU_USER (98.5)

```

Installation

There are several installation methods for Glances. While I exclusively use the container methods of installation; you can find all the installation....IN PROGRESS

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