```
Script started on 2025-06-29 16:56:36+07:00 [COMMAND="./Programming/check.sh" TERM="xterm-256color" TTY="/dev/pts/4" COLUMNS="110" LINES="19"]
************************************
        System Health Status
************************************
Hostname : localhost
Operating System : "Fedora Linux 42 (KDE Plasma Mobile)"
Kernel Version : 6.15.4-200.fc42.x86_64
OS Architecture : 64 Bit OS
System Uptime : up 23 minutes
Current System Date & Time : Min 29 Jun 2025 16:56:36
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  :ccccccc;oxOOOo;MMM000k.;cccccccccccc:
  ccccc;0MMKxdd:;MMMkddc.;cccccccccccccc;
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   ':cccccccccccccccc::;,.root@localhost
   --------------
OS: Fedora Linux 42 (KDE Plasma Mobile) x86_64
Host: 2349N7G (ThinkPad T430)
Kernel: Linux 6.15.4-200.fc42.x86_64
Uptime: 23 mins
Packages: 3574 (rpm), 51 (flatpak), 16 (snap)
Shell: bash 5.2.37
Display (AUO363C): 1366x768 @ 60 Hz in 14" [Built-in]
WM: KWin (X11)
WM Theme: Breeze
Cursor: Adwaita
Terminal: qmlkonsole
CPU: Intel(R) Core(TM) i5-3230M (4) @ 3.20 GHz
GPU: Intel 3rd Gen Core processor Graphics Controller @ 1.10 GHz [Integrated]
Memory: 3.05 GiB / 11.49 GiB (27%)
Swap: 0 B / 8.00 GiB (0%)
Disk (/): 68.22 GiB / 117.66 GiB (58%) - btrfs
Local IP (wlp3s0): 192.168.1.18/24
Battery (45N1015): 42% [Discharging]
Locale: id_ID.UTF-8
```

Read-only File Systems:
  All file systems are writable

Mounted File Systems:
```
/dev/sda3                                on  /                                    type  btrfs       (rw,relatime,seclabel,compress=zstd:1,ssd,discard=async,space_cache=v2,subvolid=257
devtmpfs                                 on  /dev                                 type  devtmpfs    (rw,nosuid,seclabel,size=6005488k,nr_inodes=1501372,mode=755,inode64)
tmpfs                                    on  /dev/shm                             type  tmpfs       (rw,nosuid,nodev,seclabel,inode64)
devpts                                   on  /dev/pts                             type  devpts      (rw,nosuid,noexec,relatime,seclabel,gid=5,mode=620,ptmxmode=000)
sysfs                                    on  /sys                                 type  sysfs       (rw,nosuid,nodev,noexec,relatime,seclabel)
securityfs                               on  /sys/kernel/security                 type  securityfs  (rw,nosuid,nodev,noexec,relatime)
cgroup2                                  on  /sys/fs/cgroup                       type  cgroup2     (rw,nosuid,nodev,noexec,relatime,seclabel,nsdelegate,memory_recursiveprot)
none                                     on  /sys/fs/pstore                       type  pstore      (rw,nosuid,nodev,noexec,relatime,seclabel)
efivarfs                                 on  /sys/firmware/efi/efivars            type  efivarfs    (rw,nosuid,nodev,noexec,relatime)
bpf                                      on  /sys/fs/bpf                          type  bpf         (rw,nosuid,nodev,noexec,relatime,mode=700)
configfs                                 on  /sys/kernel/config                   type  configfs    (rw,nosuid,nodev,noexec,relatime)
proc                                     on  /proc                                type  proc        (rw,nosuid,nodev,noexec,relatime)
tmpfs                                    on  /run                                 type  tmpfs       (rw,nosuid,nodev,seclabel,size=2410560k,nr_inodes=819200,mode=755,inode64)
selinuxfs                                on  /sys/fs/selinux                      type  selinuxfs   (rw,nosuid,noexec,relatime)
systemd-1                                on  /proc/sys/fs/binfmt_misc             type  autofs      (rw,relatime,fd=33,pgrp=1,timeout=0,minproto=5,maxproto=5,direct,pipe_ino=6515)
debugfs                                  on  /sys/kernel/debug                    type  debugfs     (rw,nosuid,nodev,noexec,relatime,seclabel)
binder                                   on  /dev/binderfs                        type  binder      (rw,relatime,max=1048576)
hugetlbfs                                on  /dev/hugepages                       type  hugetlbfs   (rw,nosuid,nodev,relatime,seclabel,pagesize=2M)
mqueue                                   on  /dev/mqueue                          type  mqueue      (rw,nosuid,nodev,noexec,relatime,seclabel)
tracefs                                  on  /sys/kernel/tracing                  type  tracefs     (rw,nosuid,nodev,noexec,relatime,seclabel)
tmpfs                                    on  /run/credentials/systemd-journald.service  type  tmpfs (ro,nosuid,nodev,noexec,relatime,nosymfollow,seclabel,size=1024k,nr_inodes=1024,mod
fusectl                                  on  /sys/fs/fuse/connections             type  fusectl     (rw,nosuid,nodev,noexec,relatime)
/dev/sda3                                on  /home                                type  btrfs       (rw,relatime,seclabel,compress=zstd:1,ssd,discard=async,space_cache=v2,subvolid=256
tmpfs                                    on  /tmp                                 type  tmpfs       (rw,nosuid,nodev,seclabel,size=6026396k,nr_inodes=1048576,inode64)
/dev/sda2                                on  /boot                                type  ext4        (rw,relatime,seclabel)
/var/lib/snapd/snaps/bare_5.snap         on  /var/lib/snapd/snap/bare/5           type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core18_2887.snap    on  /var/lib/snapd/snap/core18/2887      type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core_17210.snap     on  /var/lib/snapd/snap/core/17210       type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core_17212.snap     on  /var/lib/snapd/snap/core/17212       type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core22_2010.snap    on  /var/lib/snapd/snap/core22/2010      type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core20_2599.snap    on  /var/lib/snapd/snap/core20/2599      type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/core24_1006.snap    on  /var/lib/snapd/snap/core24/1006      type  squashfs    (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/easy-disk-cleaner_48.snap  on  /var/lib/snapd/snap/easy-disk-cleaner/48  type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/gnome-3-28-1804_198.snap   on  /var/lib/snapd/snap/gnome-3-28-1804/198   type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/gnome-42-2204_202.snap     on  /var/lib/snapd/snap/gnome-42-2204/202     type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/gtk-common-themes_1535.snap  on  /var/lib/snapd/snap/gtk-common-themes/1535  type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/gnome-46-2404_90.snap      on  /var/lib/snapd/snap/gnome-46-2404/90      type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/mesa-2404_887.snap         on  /var/lib/snapd/snap/mesa-2404/887         type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/openbabel_27.snap          on  /var/lib/snapd/snap/openbabel/27          type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/snapd_24718.snap           on  /var/lib/snapd/snap/snapd/24718           type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/ngrok_280.snap             on  /var/lib/snapd/snap/ngrok/280             type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/var/lib/snapd/snaps/ppsspp-emu_11.snap         on  /var/lib/snapd/snap/ppsspp-emu/11         type  squashfs  (ro,nodev,relatime,context=system_u:object_r:snappy_snap_t:s0,errors=continue,x-gdu
/dev/sda1                                on  /boot/efi                            type  vfat        (rw,relatime,fmask=0077,dmask=0077,codepage=437,iocharset=ascii,shortname=winnt,err
binfmt_misc                              on  /proc/sys/fs/binfmt_misc             type  binfmt_misc (rw,nosuid,nodev,noexec,relatime)
tmpfs                                    on  /run/credentials/systemd-resolved.service  type  tmpfs (ro,nosuid,nodev,noexec,relatime,nosymfollow,seclabel,size=1024k,nr_inodes=1024,mod
sunrpc                                   on  /var/lib/nfs/rpc_pipefs              type  rpc_pipefs  (rw,relatime)
tmpfs                                    on  /run/user/1000                       type  tmpfs       (rw,nosuid,nodev,relatime,seclabel,size=1205276k,nr_inodes=301319,mode=700,uid=1000
gvfsd-fuse                               on  /run/user/1000/gvfs                  type  fuse.gvfsd-fuse  (rw,nosuid,nodev,relatime,user_id=1000,group_id=1000)
portal                                   on  /run/user/1000/doc                   type  fuse.portal (rw,nosuid,nodev,relatime,user_id=1000,group_id=1000)
tmpfs                                    on  /run/user/0                          type  tmpfs       (rw,nosuid,nodev,relatime,seclabel,size=1205276k,nr_inodes=301319,mode=700,inode64)
```

Disk Usage (0-85%=OK/HEALTHY, 85-95%=WARNING, 95-100%=CRITICAL):
```
/dev/sda3 /  60%  OK/HEALTHY
efivarfs /sys/firmware/efi/efivars  39%  OK/HEALTHY
/dev/sda3 /home  60%  OK/HEALTHY
/dev/sda2 /boot  41%  OK/HEALTHY
/dev/sda1 /boot/efi  4%  OK/HEALTHY
```

Zombie Processes:
  No zombie processes found.

INode Usage (0-85%=OK/HEALTHY, 85-95%=WARNING, 95-100%=CRITICAL):
```
/dev/sda3 /   -% (Unavailable or Btrfs subvolume)
devtmpfs /dev  1%  OK/HEALTHY
tmpfs /dev/shm  1%  OK/HEALTHY
efivarfs /sys/firmware/efi/efivars  -% (Unavailable or Btrfs subvolume)
tmpfs /run  1%  OK/HEALTHY
tmpfs /run/credentials/systemd-journald.service  1%  OK/HEALTHY
/dev/sda3 /home  -% (Unavailable or Btrfs subvolume)
```

```
tmpfs /tmp  1%  OK/HEALTHY
/dev/sda2 /boot  1%  OK/HEALTHY
/dev/sda1 /boot/efi  -% (Skipped: vfat has no valid inode info)
tmpfs /run/credentials/systemd-resolved.service  1%  OK/HEALTHY
tmpfs /run/user/1000  1%  OK/HEALTHY
tmpfs /run/user/0  1%  OK/HEALTHY


SWAP Usage:
  Total Swap: 8.00 GiB
  Swap Free : 8.00 GiB

CPU Utilization:
16:56:37    all   21,30    0,00    4,26    0,00    0,50    0,00    0,00    0,00    0,00   73,93
Rata-rata:  all   21,30    0,00    4,26    0,00    0,50    0,00    0,00    0,00    0,00   73,93


Load Average:
  1,68, 1,49, 1,13

Recent Reboot Events:
reboot   system boot  6.15.4-200.fc42. Sun Jun 29 16:33   still running
reboot   system boot  6.15.4-200.fc42. Sun Jun 29 14:28 - 14:31  (00:02)
reboot   system boot  6.15.4-200.fc42. Sun Jun 29 13:56 - 14:28  (00:31)


Recent Shutdown Events:
shutdown system down  6.15.4-200.fc42. Sun Jun 29 14:31 - 16:33  (02:01)
shutdown system down  6.15.4-200.fc42. Sun Jun 29 14:28 - 14:28  (00:00)
shutdown system down  6.15.4-200.fc42. Sun Jun 29 13:56 - 13:56  (00:00)

Top 5 Memory-Consuming Processes:
%MEM    PID   PPID USER     STAT COMMAND
 5.8   6158   5974 bima     Sl   /usr/lib64/firefox/firefox -contentproc -isForBrowser -prefsHandle 0:51282 -prefMapHandle 1:273414 -jsInitHandle 2:242716 -parentBuildID 20250619215142 -sandboxReporter
 4.7   5974   2189 bima     Ssl  /usr/lib64/firefox/firefox
 3.1   2524   2189 bima     Ssl  /usr/bin/plasmashell --no-respawn
 2.4   6251   5974 bima     Sl   /usr/lib64/firefox/firefox -contentproc -isForBrowser -prefsHandle 0:44162 -prefMapHandle 1:273414 -jsInitHandle 2:242716 -parentBuildID 20250619215142 -sandboxReporter
 2.3   6253   5974 bima     Sl   /usr/lib64/firefox/firefox -contentproc -isForBrowser -prefsHandle 0:44162 -prefMapHandle 1:273414 -jsInitHandle 2:242716 -parentBuildID 20250619215142 -sandboxReporter

Top 5 CPU-Consuming Processes:
%CPU    PID   PPID USER     STAT COMMAND
 100   7415   7295 root     R+   ps -eo pcpu,pid,ppid,user,stat,args --sort=-pcpu
98.9   7153   7028 root     R+   dnf check
31.3   5974   2189 bima     Ssl  /usr/lib64/firefox/firefox
15.2   6251   5974 bima     Sl   /usr/lib64/firefox/firefox -contentproc -isForBrowser -prefsHandle 0:44162 -prefMapHandle 1:273414 -jsInitHandle 2:242716 -parentBuildID 20250619215142 -sandboxReporter
 9.2   6158   5974 bima     Sl   /usr/lib64/firefox/firefox -contentproc -isForBrowser -prefsHandle 0:51282 -prefMapHandle 1:273414 -jsInitHandle 2:242716 -parentBuildID 20250619215142 -sandboxReporter

Broken Packages (DNF):
  No broken packages detected.

Broken Permissions (Expected: root owned, 755/700):

NOTE: Some fields may be blank or NA if unsupported by the system.


Hardware Information:

CPU Info:
Architecture:                   x86_64
Model name:                     Intel(R) Core(TM) i5-3230M CPU @ 2.60GHz
Thread(s) per core:             2
Core(s) per socket:             2
Socket(s):                      1

Memory Info:
            total      used      free    shared  buff/cache   available
Mem:         11Gi     2,9Gi     4,2Gi     173Mi      4,8Gi       8,6Gi
   RAM Total : 11770 MB
   SWAP Total: 8191 MB

Disk Info:
NAME      SIZE TYPE MOUNTPOINT
sda    119,2G disk
├─sda1   600M part /boot/efi
├─sda2     1G part /boot
└─sda3 117,7G part /home
sr0     1024M rom
zram0      8G disk [SWAP]

GPU Info:
00:02.0 VGA compatible controller: Intel Corporation 3rd Gen Core processor Graphics Controller (rev 09)

Network Interfaces:
lo UNKNOWN 00:00:00:00:00:00
enp0s25 DOWN 28:d2:44:07:b4:19
wlp3s0 UP de:48:b2:2f:c2:05

Battery Health Check:
Checking Battery Info...
   Using UPower at: /org/freedesktop/UPower/devices/battery_BAT0
   Status   : discharging
   Capacity : 82%
   Health   : 82%
   Battery Health Status: Good - Some Wear

Disk SMART Health Check:
   Checking /dev/sda...
SMART overall-health self-assessment test result: PASSED

Fan Health Check:
status:         enabled
speed:          5870
level:          disengaged
commands:       level <level> (<level> is 0-7, auto, disengaged, full-speed)
commands:       enable, disable
commands:       watchdog <timeout> (<timeout> is 0 (off), 1-120 (seconds))


Script done on 2025-06-29 16:57:36+07:00 [COMMAND_EXIT_CODE="0"]
```