

```
root@nvme-15:~
Using username "root".
root@10.60.50.45's password:
Activate the web console with: systemctl enable --now d

Last failed login: Sat Sep  2 18:22:44 EDT 2023 from 10.60.50.45
There were 9 failed login attempts since the last successful login.
Last login: Mon Aug 28 03:52:48 2023 from 10.60.50.45
[root@nvme-15 ~]# hostnamectl
  Static hostname: nvme-15
            Icon name: computer-server
            Chassis: server
            Machine ID: 9061f93bc04c42c7821b6aa71f1a0ae2
            Boot ID: a0248c9abecf486f92dde9c298cd9a05
            Operating System: CentOS Linux 8
            CPE OS Name: cpe:/o:centos:centos:8
            Kernel: Linux 5.7.8-1.el8.elrepo.x86_64
            Architecture: x86-64
[root@nvme-15 ~]# nvme list
Node              SN                      Model
-----
/dev/nvme0n1      ZCC0A00405Z1           KIOXIA KCM7FRUG31
[root@nvme-15 ~]# nvme show-regs /dev/nvme0n1
cap       : 1810c0301b0307ff
version   : 20000
cc        : 460001
csts      : 1
nssr      : 0
intms     : 0
intmc     : 0
aqa       : 1f001f
asq       : 8081a3000
acq       : 857c60000
cmbloc    : 0
cmbsz     : 0
bpinfo    : 0
bprsel    : 0
bpmb1     : 0
cmbmsc    : 0
cmbsts    : 0
pmrcap    : 0
pmrctl    : 0
pmrst     : 0
pmrebs    : 0
pmrswtp   : 0
pmrmc     : 0
[root@nvme-15 ~]#

/boot/config-5.7.8-1.el8.elrepo.x86_64 - nvme-15 - Editor - WinSCP
CONFIG_FUNCTION_GRAPH_TRACER=y
CONFIG_DYNAMIC_FTRACE=y
CONFIG_DYNAMIC_FTRACE_WITH_REGS=y
CONFIG_DYNAMIC_FTRACE_WITH_DIRECT_CALLS=y
CONFIG_FUNCTION_PROFILER=y
CONFIG_STACK_TRACER=y
# CONFIG_PREEMPTIRQ_EVENTS is not set
# CONFIG_IRQSOFF_TRACER is not set
CONFIG_SCHED_TRACER=y
CONFIG_HWLAT_TRACER=y
# CONFIG_MMIOTRACE is not set
CONFIG_FTRACE_SYSCALLS=y
CONFIG_TRACER_SNAPSHOT=y
# CONFIG_TRACER_SNAPSHOT_PER_CPU_SWAP is not set
CONFIG_BRANCH_PROFILE_NONE=y
# CONFIG_PROFILE_ANNOTATED_BRANCHES is not set
CONFIG_BLK_DEV_IO_TRACE=y
CONFIG_KPROBE_EVENTS=y
# CONFIG_KPROBE_EVENTS_ON_NOTRACE is not set
CONFIG_UPROBE_EVENTS=y
CONFIG_BPF_EVENTS=y
CONFIG_DYNAMIC_EVENTS=y
CONFIG_PROBE_EVENTS=y
# CONFIG_BPF_KPROBE_OVERRIDE is not set
CONFIG_FTRACE_MCOUNT_RECORD=y
CONFIG_TRACING_MAP=y
CONFIG_HIST_TRIGGERS=y
# CONFIG_TRACE_EVENT_INJECT is not set
# CONFIG_TRACEPOINT_BENCHMARK is not set
CONFIG_RING_BUFFER_BENCHMARK=m
# CONFIG_TRACE_EVAL_MAP_FILE is not set
# CONFIG_FTRACE_STARTUP_TEST is not set
# CONFIG_RING_BUFFER_STARTUP_TEST is not set
# CONFIG_PREEMPTIRQ_DELAY_TEST is not set
# CONFIG_SYNTH_EVENT_GEN_TEST is not set
# CONFIG_KPROBE_EVENT_GEN_TEST is not set
CONFIG_PROVIDE_OHCI1394_DMA_INIT=y
# CONFIG_SAMPLES is not set
CONFIG_ARCH_HAS_DEVMEM_IS_ALLOWED=y
CONFIG_STRICT_DEVMEM=y
# CONFIG_IO_STRICT_DEVMEM is not set
```

CentOS system – with command working correctly and CONFIG_IO_STRICT_DEVMEM not set

have a lot of fun...

```
localhost:~ # hostnamectl
```

```
Static hostname: n/a
```

```
Transient hostname: localhost
```

```
Icon name: computer-server
```

```
Chassis: server
```

```
Machine ID: 186dee026689423d9d329fddd583ccf5
```

```
Boot ID: 3d962e426791421ebbb59ed5beef925c
```

```
Operating System: openSUSE Leap 15.5
```

```
CPE OS Name: cpe:/o:opensuse:leap:15.5
```

```
Kernel: Linux 5.14.21-150500.53-default
```

```
Architecture: x86_64
```

```
Hardware Vendor: Dell Inc.
```

```
Hardware Model: PowerEdge R660
```

```
localhost:~ # nvme list
```

Node	Generic	SN	Model
/dev/nvme0n1	/dev/ng0n1	CN0WW56VFCP0034S004V	Dell

```
localhost:~ # nvme show-regs /dev/nvme0n1
```

```
get-property: No such file or directory
```

```
localhost:~ # zcat /proc/config.gz | grep CONFIG_IO_STRICT_DEVMEM
```

```
CONFIG_IO_STRICT_DEVMEM=y
```

```
localhost:~ # █
```

openSUSE Leap 15.5 system – with command not working correctly and CONFIG_IO_STRICT_DEVMEM is enabled.