

Harjoitus 10

Tehtävä 1

```
user@AE9947-Ubuntu:~/var/log$ su root
Password:
su: Authentication failure
user@AE9947-Ubuntu:~/var/log$ journalctl -n
-- Logs begin at Tue 2023-10-10 20:21:55 EEST, end at Wed 2023-11-15 08:11:09 EET. --
Nov 15 08:11:02 AE9947-Ubuntu multipathd[113045]: sda: add missing path
Nov 15 08:11:02 AE9947-Ubuntu multipathd[113045]: sda: failed to get udev uid: Invalid argument
Nov 15 08:11:02 AE9947-Ubuntu multipathd[113045]: sda: failed to get sysfs uid: Invalid argument
Nov 15 08:11:02 AE9947-Ubuntu multipathd[113045]: sda: failed to get sgio uid: No such file or dire
Nov 15 08:11:07 AE9947-Ubuntu multipathd[113045]: sda: add missing path
Nov 15 08:11:07 AE9947-Ubuntu multipathd[113045]: sda: failed to get udev uid: Invalid argument
Nov 15 08:11:07 AE9947-Ubuntu multipathd[113045]: sda: failed to get sysfs uid: Invalid argument
Nov 15 08:11:07 AE9947-Ubuntu multipathd[113045]: sda: failed to get sgio uid: No such file or dire
Nov 15 08:11:07 AE9947-Ubuntu su[3040230]: pam_unix(su:auth): authentication failure; logname=user
Nov 15 08:11:09 AE9947-Ubuntu su[3040230]: FAILED SU (to root) user on pts/0
lines 1-11/11 [END]
```

Journalctl -n

Tehtävä 2

journalctl -r --since "1 day ago"

Tehtävä 3

journalctl --disk-usage

Tehtävä 4

Journalctl -f

```
Nov 15 08:19:01 AE9947-Ubuntu sshd[3040477]: Accepted password for user from 192.168.50.12 port 512
2 ssh2
Nov 15 08:19:01 AE9947-Ubuntu sshd[3040477]: pam_unix(sshd:session): session opened for user user by
(uid=0)
Nov 15 08:19:01 AE9947-Ubuntu systemd[1]: Started Session 20478 of user user.
Nov 15 08:19:01 AE9947-Ubuntu systemd-logind[888]: New session 20478 of user user.
Nov 15 08:19:01 AE9947-Ubuntu CRON[3040507]: pam_unix(cron:session): session opened for user user by
(uid=0)
```

Tehtävä 5

nano auth.log |grep "sshd" auth.log

Tehtävä 6

/var/Log/apache2

```
user@AE9947-Ubuntu:~/var/log/apache2$ ls
access.log      error.log.10.gz  error.log.14.gz  error.log.5.gz   error.log.9.gz
access.log.1    error.log.11.gz  error.log.2.gz   error.log.6.gz   other_vhosts_access.log
error.log       error.log.12.gz  error.log.3.gz   error.log.7.gz
error.log.1     error.log.13.gz  error.log.4.gz   error.log.8.gz
```

Tehtävä 7

ifconfig

Tehtävä 8

host www.ubuntu.org

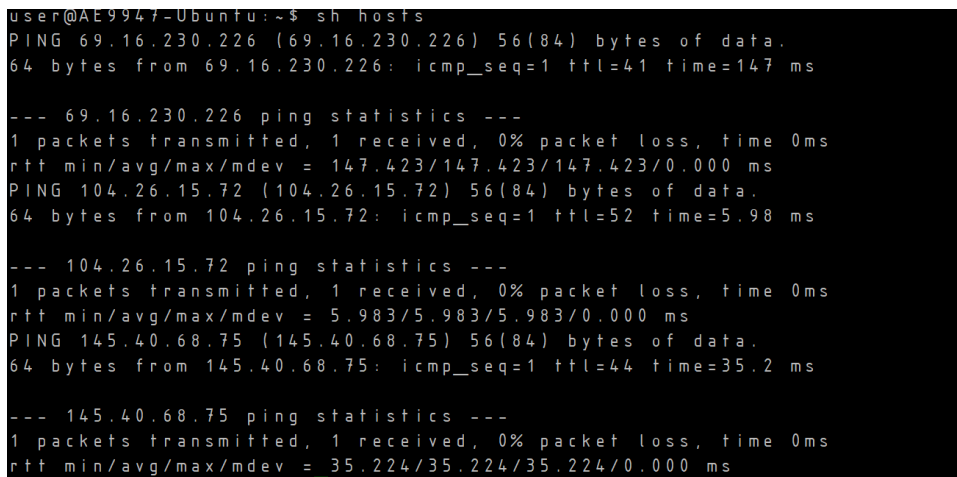
host www.linux.org

host www.kernel.org



```
GNU nano 4.8 hosts
/bin/bash
ping -c 1 69.16.230.226
ping -c 1 104.26.15.72
ping -c 1 145.40.68.75
```

Sh hosts



```
user@AE9947-Ubuntu:~$ sh hosts
PING 69.16.230.226 (69.16.230.226) 56(84) bytes of data.
64 bytes from 69.16.230.226: icmp_seq=1 ttl=41 time=147 ms

--- 69.16.230.226 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 147.423/147.423/147.423/0.000 ms
PING 104.26.15.72 (104.26.15.72) 56(84) bytes of data.
64 bytes from 104.26.15.72: icmp_seq=1 ttl=52 time=5.98 ms

--- 104.26.15.72 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 5.983/5.983/5.983/0.000 ms
PING 145.40.68.75 (145.40.68.75) 56(84) bytes of data.
64 bytes from 145.40.68.75: icmp_seq=1 ttl=44 time=35.2 ms

--- 145.40.68.75 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 35.224/35.224/35.224/0.000 ms
```

Tehtävä 9

netstat -l --udp

Tehtävä 10

ping -c 10 www.techradar.com | cut -d "/" -s -f5 && host www.techradar.com