

Harjoitus 9

Tehtävä 1

```
sudo systemctl stop ssh.service
```

```
sudo systemctl unmask ssh.service
```

Tehtävä 2

```
sudo touch /etc/systemd/system/date.service
```

```
sudo nano /etc/systemd/system/date.service
```

```
sudo touch /etc/systemd/system/date.timer
```

```
sudo nano /etc/systemd/system/date.timer
```

```
user@AE9947-Ubuntu: ~  
GNU nano 4.8 /date.txt  
Thu Nov  2 15:18:01 EET 2023  
  
Thu 2023-11-02 15:20:00 EET 32s left Thu 2023-11-02 15:18:01 EET 1min 26s ago date.timer date.service  
Thu 2023-11-02 22:00:37 EET 6h left Thu 2023-11-02 06:40:56 EET 8h ago apt-daily.timer apt-daily.service  
Thu 2023-11-02 22:39:18 EET 7h left Thu 2023-11-02 06:40:55 EET 8h ago fwupd-refresh.timer fwupd-refresh.service  
Fri 2023-11-03 00:00:00 EET 8h left Thu 2023-11-02 00:00:55 EET 15h ago logrotate.timer logrotate.service  
Fri 2023-11-03 00:00:00 EET 8h left Thu 2023-11-02 00:00:55 EET 15h ago man-db.timer man-db.service  
Fri 2023-11-03 06:28:03 EET 15h left Thu 2023-11-02 06:40:49 EET 8h ago apt-daily-upgrade.timer apt-daily-upgrade.service  
Fri 2023-11-03 08:49:27 EET 17h left Thu 2023-11-02 08:49:27 EET 6h ago systemd-tmpfiles-clean.timer systemd-tmpfiles-clean.service  
Fri 2023-11-03 11:41:26 EET 20h left Thu 2023-11-02 14:31:40 EET 47min ago motd-news.timer motd-news.service  
Sun 2023-11-05 03:10:08 EET 2 days left Sun 2023-10-29 03:10:44 EEST 4 days ago e2scrub_all.timer e2scrub_all.service  
Mon 2023-11-06 00:00:00 EET 3 days left Mon 2023-10-30 00:00:54 EET 3 days ago fstrim.timer fstrim.service  
10 timers listed.
```

Tehtävä 3

```
systemctl list-unit-files --type=service --state=enabled
```

Tehtävä 4

```
sudo systemctl disable apache2.service
```

Tehtävä 5

```
GNU nano 4.8
backup1="/var/log/syslog /var/log/auth.log"

backup_filename="backup.tar.gz"

tar -czvf ~/backup/ $backup_filename $backup1
```

```
GNU nano 4.8
[Unit]
Description=Daily timer

[Timer]
OnCalendar=daily
Persistent=true

[Install]
WantedBy=timers.target
```

```
GNU nano 4.8
[Unit]
Description=Daily backup service

[Service]
Type=oneshot
ExecStart=/bin/bash /etc/systemd/system/back.sh
```

Tehtävä 6

Tehtiin opettajan kanssa yhdessä tunnilla

```
-----
Thu Nov  2 15:59:58 EET 2023
-----
 15:59:58 up 64 days,  8:07,  2 users,  load average: 0.00, 0.01, 0.00
USER      TTY      FROM          LOGIN@      IDLE        JCPU        PCPU WHAT
user      tty1     -             30Aug23     8days     0.07s     0.06s -bash
user      pts/0    192.168.53.23 15:55      6.00s     0.03s     0.03s -bash
-----

Thu Nov  2 16:00:03 EET 2023
-----
 16:00:03 up 64 days,  8:07,  2 users,  load average: 0.00, 0.01, 0.00
USER      TTY      FROM          LOGIN@      IDLE        JCPU        PCPU WHAT
user      tty1     -             30Aug23     8days     0.07s     0.06s -bash
user      pts/0    192.168.53.23 15:55      3.00s     0.03s     0.03s -bash
-----

Thu Nov  2 16:00:08 EET 2023
-----
 16:00:08 up 64 days,  8:08,  2 users,  load average: 0.00, 0.01, 0.00
USER      TTY      FROM          LOGIN@      IDLE        JCPU        PCPU WHAT
user      tty1     -             30Aug23     8days     0.07s     0.06s -bash
user      pts/0    192.168.53.23 15:55      8.00s     0.03s     0.03s -bash
-----

Thu Nov  2 16:00:13 EET 2023
-----
 16:00:13 up 64 days,  8:08,  2 users,  load average: 0.00, 0.01, 0.00
USER      TTY      FROM          LOGIN@      IDLE        JCPU        PCPU WHAT
user      tty1     -             30Aug23     8days     0.07s     0.06s -bash
user      pts/0    192.168.53.23 15:55     13.00s     0.03s     0.03s -bash
```