```
  GNU nano 4.3                                          sshd.service

[Unit]
Description=Serwer SSH
[Service]                        Zawartość pliku konfiguracyjnego
ExecStart=/usr/local/sbin/sshd
[Install]
WantedBy=multi-user.target
```

```
                                         [ Read 6 lines ]
^G Get Help    ^O Write Out   ^W Where Is    ^K Cut Text    ^J Justify     ^C Cur Pos     M-U Undo       M-A Mark Text  M-] To Bracket M-Q Previous   ^B Back        ^← Prev Word   ^A Home
^X Exit        ^R Read File   ^\ Replace     ^U Paste Text  ^T To Spell    ^_ Go To Line  M-E Redo       M-6 Copy Text  ^Q Where Was   M-W Next       ^F Forward     ^→ Next Word   ^E End
```

```
[root@lab177 mwendt]# systemctl start sshd
[root@lab177 mwendt]# systemctl status sshd
● sshd.service - Serwer SSH
   Loaded: loaded (/etc/systemd/system/sshd.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2021-01-12 16:52:50 CET; 39s ago
 Main PID: 14119 (sshd)
    Tasks: 4 (limit: 2310)
   Memory: 5.9M
      CPU: 557ms
   CGroup: /system.slice/sshd.service
           ├─14119 sshd: /usr/local/sbin/sshd [listener] 0 of 10-100 startups
           ├─14120 sshd: mwendt [priv]
           ├─14126 sshd: mwendt@pts/0
           └─14127 -bash

Jan 12 16:52:50 lab177.domlab177.studmat.uni.torun.pl systemd[1]: Started Serwer SSH.
Jan 12 16:52:50 lab177.domlab177.studmat.uni.torun.pl sshd[14119]: Server listening on 0.0.0.0 port 2222.
Jan 12 16:52:50 lab177.domlab177.studmat.uni.torun.pl sshd[14119]: Server listening on :: port 2222.
Jan 12 16:53:09 lab177.domlab177.studmat.uni.torun.pl sshd[14120]: Accepted password for mwendt from 172.18.237.138 port 63701 ssh2
Jan 12 16:53:15 lab177.domlab177.studmat.uni.torun.pl sudo[14164]:   mwendt : TTY=pts/0 ; PWD=/home/mwendt ; USER=root ; COMMAND=/usr/bin/su
[root@lab177 mwendt]# systemctl stop sshd
```

```
  GNU nano 4.3                                                    sshd_config
        $OpenBSD: sshd_config,v 1.103 2018/04/09 20:41:22 tj Exp $

# This is the sshd server system-wide configuration file.  See
# sshd_config(5) for more information.

# This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin:/usr/local/bin

# The strategy used for options in the default sshd_config shipped with
# OpenSSH is to specify options with their default value where
# possible, but leave them commented.  Uncommented options override the
# default value.

Port 2222
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::

#HostKey /usr/local/etc/ssh_host_rsa_key
#HostKey /usr/local/etc/ssh_host_ecdsa_key
#HostKey /usr/local/etc/ssh_host_ed25519_key

# Ciphers and keying
#RekeyLimit default none

# Logging
#SyslogFacility AUTH
#LogLevel INFO

# Authentication:

#LoginGraceTime 2m
PermitRootLogin no
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10

#PubkeyAuthentication yes

# The default is to check both .ssh/authorized_keys and .ssh/authorized_keys2
# but this is overridden so installations will only check .ssh/authorized_keys
AuthorizedKeysFile      .ssh/authorized_keys

#AuthorizedPrincipalsFile none

#AuthorizedKeysCommand none
#AuthorizedKeysCommandUser nobody

# For this to work you will also need host keys in /usr/local/etc/ssh_known_hosts
#HostbasedAuthentication no
# Change to yes if you don't trust ~/.ssh/known_hosts for
# HostbasedAuthentication
#IgnoreUserKnownHosts no
# Don't read the user's ~/.rhosts and ~/.shosts files
#IgnoreRhosts yes

# To disable tunneled clear text passwords, change to no here!
#PasswordAuthentication yes
#PermitEmptyPasswords no
```

PuTTY (inactive)

```
login as: root
root@192.168.134.177's password:
Access denied
root@192.168.134.177's password:
Access denied
root@192.168.134.177's password:
Access denied
root@192.168.134.177's password:
```

mwendt@lab177:~

```
login as: mwendt
mwendt@192.168.134.177's password:
Web console: https://lab177.domlab177.studmat.uni.torun.pl:9090/ or https://192.
168.134.177:9090/

Last login: Tue Jan  5 17:00:14 2021
[mwendt@lab177 ~]$
```

testuser@lab177:~

```
login as: testuser
testuser@192.168.134.177's password:
Web console: https://lab177.domlab177.studmat.uni.torun.pl:9090/ or https://192.
168.134.177:9090/

Last login: Mon Jan  4 16:08:15 2021 from 172.18.8.150
[testuser@lab177 ~]$
```

Stat

Status

Stan o

Termin

Pozost

Ostatn

Kom

Wpisz tu wyszukiwane słowa

17:11
05.01.2021

```
[mwendt@ultra60 ~/.ssh]$ ssh -p 2222 mwendt@192.168.134.177
Last login: Tue Jan  5 20:17:56 2021 from 158.75.112.120
[mwendt@lab177 ~]$ jestem na maszynie wirtualnej
-bash: jestem: command not found
[mwendt@lab177 ~]$ exit
logout
Connection to 192.168.134.177 closed.
[mwendt@ultra60 ~/.ssh]$ a teraz na ultrze
-bash: a: command not found
[mwendt@ultra60 ~/.ssh]$ ssh -p 2222 mwendt@192.168.134.177
Last login: Tue Jan  5 20:24:37 2021 from 158.75.112.120
[mwendt@lab177 ~]$ exit
logout
Connection to 192.168.134.177 closed.
[mwendt@ultra60 ~/.ssh]$ ssh -p 2222 mwendt@192.168.134.177
Last login: Tue Jan  5 20:25:21 2021 from 158.75.112.120
[mwendt@lab177 ~]$
```