



artur@Artur-debian: ~



```
artur@Artur-debian:~$ echo "Abra cadabra" > file.txt
```

```
artur@Artur-debian:~$ cat file.txt
```

```
Abra cadabra
```

```
artur@Artur-debian:~$ cat /etc/ 2>> file.txt
```

```
artur@Artur-debian:~$ cat file.txt
```

```
Abra cadabra
```

```
cat: /etc/: Is a directory
```

```
artur@Artur-debian:~$
```



```
drwx----- 5 artur artur 4096 Dec  2 17:28 .mozilla
drwx----- 3 artur artur 4096 Dec 13 15:38 .pki
-rw-r--r-- 1 artur artur 807 Dec  2 17:22 .profile
drwx----- 2 artur artur 4096 Dec 13 15:52 .ssh
-rw----- 1 artur artur 999 Dec 18 13:06 .viminfo
drwxr-xr-x 3 artur artur 4096 Dec 13 15:38 .vscode
-rw----- 1 artur artur 2398098 Dec 27 14:13 .xsession-errors
drwx----- 2 artur artur 4096 Dec 13 14:18 Desktop
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Docs
drwxr-xr-x 5 artur artur 4096 Dec 18 13:11 Downloads
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Music
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Pictures
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Share
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Templates
drwxr-xr-x 2 artur artur 4096 Dec  2 17:24 Video
drwxr-xr-x 3 artur artur 4096 Dec 13 15:48 dev
-rw-r--r-- 1 artur artur 40 Dec 27 14:23 file.txt
```

```
artur@Artur-debian:~$ ls -al | cut -b 1-10 | sort | uniq
```

```
-rw-----
-rw-r--r--
drwx-----
drwxr-xr-x
total 2460
artur@Artur-debian:~$
```



GNU nano 5.4

/etc/ssh/sshd_config *

```
#AuthorizedKeysCommand none
#AuthorizedKeysCommandUser nobody

# For this to work you will also need host keys in /etc/ssh/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 no
#PermitEmptyPasswords no

# Change to yes to enable challenge-response passwords (beware issues with
# some PAM modules and threads)
ChallengeResponseAuthentication no

# Kerberos options
```

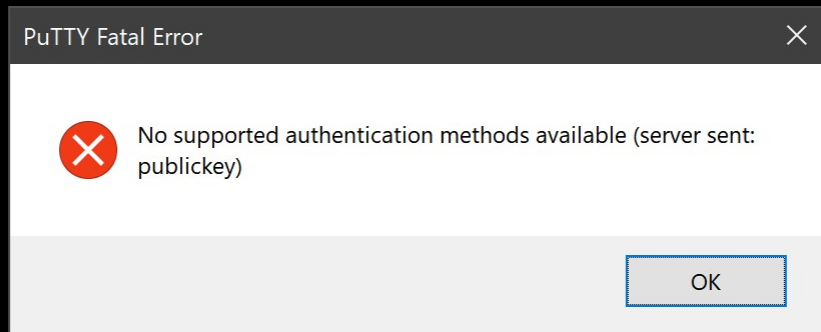
artur@Artur-debian: ~

```
artur@Artur-debian:~$ sudo systemctl restart sshd
artur@Artur-debian:~$
```

192.168.0.11 - PuTTY

```
login as: artur
Pre-authentication banner message from server:
| Debian GNU/Linux 11
| End of banner message from server

```





artur@Artur-debian: ~



GNU nano 5.4

/etc/ssh/sshd_config *

```
#AuthorizedPrincipalsFile none
```

```
#AuthorizedKeysCommand none
```

```
#AuthorizedKeysCommandUser nobody
```

```
# For this to work you will also need host keys in /etc/ssh/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
```

```
# Change to yes to enable challenge-response passwords (beware issues with
```

```
# some PAM modules and threads)
```

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute	^C Location
^X Exit	^R Read File	^\ Replace	^U Paste	^J Justify	^_ Go To Line

```
artur@Artur-debian: ~  
artur@Artur-debian:~$ sudo systemctl restart sshd  
artur@Artur-debian:~$ sudo nano /etc/ssh/sshd_config  
artur@Artur-debian:~$ sudo systemctl reload sshd  
artur@Artur-debian:~$
```

```
artur@Artur-debian: ~  
login as: artur  
Pre-authentication banner message from server:  
| Debian GNU/Linux 11  
End of banner message from server  
artur@192.168.0.11's password:  
Linux Artur-debian 5.10.0-10-amd64 #1 SMP Debian 5.10.84-1 (2021-12-08) x86_64  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Mon Dec 27 14:12:19 2021 from 192.168.0.10  
artur@Artur-debian:~$
```

```
artur@Artur-debian:~$ cat > file2.txt
restart - перезапускает процесс
reload - говорит процессу обновить конфигурацию (процесс не останавливается)

Ctrl + d - отправляет EOF (End-Of-File) маркер
          Bash интерпретирует это как желание выйти из программыartur@Artur-deb
ian:~$ cat file2.txt
restart - перезапускает процесс
reload - говорит процессу обновить конфигурацию (процесс не останавливается)

Ctrl + d - отправляет EOF (End-Of-File) маркер
          Bash интерпретирует это как желание выйти из программыartur@Artur-deb
ian:~$
```



```
x/share      x      4096xDec   2   17:24xx/share      x      4096xDec   2   17:24x
tqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqu
xUP--DIR          xxUP--DIR          x
mqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
Hint: Want your plain shell? Press C-o, and get back to MC with C-o again.
artur@Artur-debian:~$ Killed
artur@Artur-debian:~$ 0;43;21M32;43;21M0;43;21m^C7Mkdir    8Delete    9PullDn10Quit
artur@Artur-debian:~$ reset
```