

Загружаем скрипт из задания и выполняем

```
[root@192 ~]# chmod +x lesson2.sh
[root@192 ~]# ll
total 24
lrwxrwxrwx. 1 root root 7 Jul 23 12:06 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Jul 23 12:26 boot
drwxr-xr-x. 20 root root 3180 Aug 30 00:55 dev
drwxr-xr-x. 89 root root 8192 Aug 30 00:55 etc
drwxr-xr-x. 2 root root 6 Apr 11 2018 home
-rwxr-xr-x. 1 root root 280 Apr 12 2020 lesson2.sh
lrwxrwxrwx. 1 root root 7 Jul 23 12:06 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Jul 23 12:06 lib64 -> usr/lib64
drwxr-xr-x. 2 root root 6 Apr 11 2018 media
drwxr-xr-x. 2 root root 6 Apr 11 2018 mnt
drwxr-xr-x. 2 root root 6 Apr 11 2018 opt
dr-xr-xr-x. 140 root root 0 Aug 30 00:55 proc
dr-xr-x---. 6 root root 190 Jul 25 08:26 root
drwxr-xr-x. 32 root root 1000 Aug 30 00:55 run
lrwxrwxrwx. 1 root root 8 Jul 23 12:06 sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Apr 11 2018 srv
dr-xr-xr-x. 13 root root 0 Aug 30 00:55 sys
drwxrwxrwt. 13 root root 4096 Aug 30 00:56 tmp
drwxr-xr-x. 13 root root 155 Jul 23 12:06 usr
drwxr-xr-x. 20 root root 278 Jul 25 04:38 var
[root@192 ~]# ./lesson2.sh
try to start sshd.service
[root@192 ~]# systemctl status ssh
Unit ssh.service could not be found.
[root@192 ~]# systemctl status ssh
```

```
[root@192 ~]# systemctl status sshd
● sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)
   Active: inactive (dead) since Mon 2021-08-30 00:59:36 EDT; 3min 12s ago
     Docs: man:sshd(8)
           man:sshd_config(5)
   Process: 1186 ExecStart=/usr/sbin/sshd -D $OPTIONS (code=exited, status=0/SUCCESS)
  Main PID: 1186 (code=exited, status=0/SUCCESS)

Aug 30 00:55:38 192.168.2.133 systemd[1]: Starting OpenSSH server daemon...
Aug 30 00:55:38 192.168.2.133 sshd[1186]: Server listening on 0.0.0.0 port 22.
Aug 30 00:55:38 192.168.2.133 sshd[1186]: Server listening on :: port 22.
Aug 30 00:55:38 192.168.2.133 systemd[1]: Started OpenSSH server daemon.
Aug 30 00:56:40 192.168.2.133 sshd[1785]: Nasty PTR record "192.168.2.1" is set up for 192.168.2.1, ignoring
Aug 30 00:56:42 192.168.2.133 sshd[1785]: Accepted password for root from 192.168.2.1 port 57997 ssh2
Aug 30 00:57:24 192.168.2.133 sshd[1822]: Nasty PTR record "192.168.2.1" is set up for 192.168.2.1, ignoring
Aug 30 00:57:24 192.168.2.133 sshd[1822]: Accepted password for root from 192.168.2.1 port 63652 ssh2
Aug 30 00:59:36 192.168.2.133 systemd[1]: Stopping OpenSSH server daemon...
Aug 30 00:59:36 192.168.2.133 systemd[1]: Stopped OpenSSH server daemon.
[root@192 ~]#
```

Ssh сервис перестал работать

Перезагружаем VM, и пароль от root не подходит))))).

Чиним

В загрузчике linux добавляем rw init=/sysroot/bin/sh

Меняя r\o на r\w

Загружаемся, меняем корень chroot /sysroot

Меняем пароль passwd root

Что бы обойти selinux добавляем touch /.autorelabel

Reboot

Заходим под новым паролем

Чиним ssh

Проверяем юнит `cat /usr/lib/systemd/system/sshd.service`

```
[Unit]
Description=OpenSSH server daemon
Documentation=man:sshd(8) man:sshd_config(5)
After=network.target sshd-keygen.service
Wants=sshd-keygen.service
Requisite=vsftpd.service

[Service]
Type=notify
EnvironmentFile=/etc/sysconfig/ssh
ExecStart=/usr/sbin/sshd -D $OPTIONS
ExecReload=/bin/kill -HUP $MAINPID
KillMode=process
Restart=on-failure
RestartSec=42s

[Install]
WantedBy=multi-user.target
```

Сравниваем этот же файл с файлом на другой VM

Пробуем убрать лишнюю строчку `Requisite=vsftpd.service`

Перезапускаем демон `systemctl daemon-reload`

Перезапускаем ssh `systemctl restart sshd`

Проверяем

```
[root@192 system]# systemctl status sshd
● sshd.service - OpenSSH server daemon
   Loaded: loaded (/usr/lib/systemd/system/sshd.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2021-08-30 03:53:09 EDT; 4min 30s ago
     Docs: man:sshd(8)
           man:sshd_config(5)
    Main PID: 1937 (sshd)
    CGroup: /system.slice/sshd.service
            └─1937 /usr/sbin/sshd -D

Aug 30 03:53:09 192.168.2.133 systemd[1]: Starting OpenSSH server daemon...
Aug 30 03:53:09 192.168.2.133 sshd[1937]: Server listening on 0.0.0.0 port 22.
Aug 30 03:53:09 192.168.2.133 sshd[1937]: Server listening on :: port 22.
Aug 30 03:53:09 192.168.2.133 systemd[1]: Started OpenSSH server daemon.
[root@192 system]#
```

Работает.