

1) Создать ВМ с именем: <фио_ВМ>.

```
kseniia@kseniia-pc:~$ vboxmanage createvm --name KarpovaKseniaVyacheslavovna_VM --ostype Ubuntu_64 --register
Virtual machine 'KarpovaKseniaVyacheslavovna_VM' is created and registered.
UUID: 8bd5f8e2-ca36-40fa-a6d7-bc0e208f68d5
Settings file: '/home/kseniia/VirtualBox VMs/KarpovaKseniaVyacheslavovna_VM/KarpovaKseniaVyacheslavovna_VM.vbox'
```

2) Сделать снэпшот “clean system” для данной ВМ.

```
kseniia@kseniia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM take KarpovaKseniaVyacheslavovna_VM_clean_system
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
Snapshot taken. UUID: de4bcd5f-5c6a-471b-9a1b-c5bccf5d5954
kseniia@kseniia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM list
Name: KarpovaKseniaVyacheslavovna_VM_clean_system (UUID: de4bcd5f-5c6a-471b-9a1b-c5bccf5d5954) *
```

3) Запустить созданную ВМ (без установки какой-либо ОС внутри созданной ВМ).

```
kseniia@kseniia-pc:~$ vboxmanage startvm KarpovaKseniaVyacheslavovna_VM
Waiting for VM "KarpovaKseniaVyacheslavovna_VM" to power on...
VM "KarpovaKseniaVyacheslavovna_VM" has been successfully started.
```

4) Сделать снэпшот “first start”.

```
kseniia@kseniia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM take KarpovaKseniaVyacheslavovna_VM_first_start
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
Snapshot taken. UUID: 575cae92-1822-4a3d-9475-16e2c3364b3d
kseniia@kseniia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM list
Name: KarpovaKseniaVyacheslavovna_VM_clean_system (UUID: de4bcd5f-5c6a-471b-9a1b-c5bccf5d5954)
Name: KarpovaKseniaVyacheslavovna_VM_first_start (UUID: 575cae92-1822-4a3d-9475-16e2c3364b3d) *
```



5) Восстановить снимок "clean system".

```
ksenia@ksenia-pc:~$ vboxmanage controlvm KarpovaKseniaVyacheslavovna_VM poweroff
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
ksenia@ksenia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM restore KarpovaKseniaVyacheslavovna_VM_clean_system
Restoring snapshot 'KarpovaKseniaVyacheslavovna_VM_clean_system' (de4bcd5f-c6ca-471b-9a1b-c5bccf5d5954)
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
ksenia@ksenia-pc:~$ vboxmanage snapshot KarpovaKseniaVyacheslavovna_VM list
    Name: KarpovaKseniaVyacheslavovna_VM_clean_system (UUID: de4bcd5f-c6ca-471b-9a1b-c5bccf5d5954) *
    Name: KarpovaKseniaVyacheslavovna_VM_first_start (UUID: 575cae92-1822-4a3d-9475-16e2c3364b3d)
ksenia@ksenia-pc:~$
```