Praktikum 7

ÜL 1


```
kasutaja@rivik:~
File  Edit  View  Search  Terminal  Help
kasutaja@rivik:~$ ssh richardr@adalberg.ut.ee
###

 adalberg

 Latest ansible deployment: 2022-12-22 at 12:15:50

 NB! This host is managed by ANSIBLE, beware when doing edits...
###
Last login: Thu Mar 28 16:12:38 2024 from 2001:bb8:2002:40::151
richardr@adalberg:~$ cat .ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQCXXXNCP2L/JzpEr1dTW91JKNn33PWr8CM8JvByRBms
tnNuHzTLuIvgysU848UfI2u2NN/HTQy7pwxpgAlv5hacT4qQewBWFVCFl3HPtTppj7d+WxJbC2i8bgxG
XfPMXNrxLf5CJWNxBDJuVpVU8buO0OJoZL8tCvBLXVHRPmUQ1h+KsaF3hlJv15Vwu/RIv6IB/P0aRavR
GcquuJBckLrL9pkFXMo4WtGyezw1NWFWtwiMcH+ur/FNZi8r/3PmyU7tj8Hbm0SUeuAXGjLvFftE1Zi+
HDGncDfMRYEGDc3oMQcvLRvzSR9Zyf5S302EUQTvWrJTnwbyTQ3h9BGNr0L1W5uG3NWaNUfBXi8WG4bf
sQwMTBBSnL21Srh4AL3BLI+Rjeu3jhe1/5whxQAaVdAi3XYZc/XDRiQQ8SerC7yh8hm0pJ+BFQFIJBnP
ieXLdFrKJMO0QjrIScA8b06iyKXYjQ9VWsDr98Av7gRfbkU7ZI/asM3mieLKh/xlB07w2qk= kasutaj
a@rivik
richardr@adalberg:~$
```

ÜL 2


```
tootaja@Delta-OfficeVM ~
File  Edit  View  Search  Terminal  Help
richardr@adalberg:~$ ssh -i officeVM-rsa tootaja@172.17.36.109
The authenticity of host '172.17.36.109 (172.17.36.109)' can't be established.
ED25519 key fingerprint is SHA256:xhLsMr8qlHMK1wwhsEmXKbRebj5XnyM+G5aDX3xcLfY.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.17.36.109' (ED25519) to the list of known hosts.
Enter passphrase for key 'officeVM-rsa':
Welcome to Linux Mint 18.3 Sylvia (GNU/Linux 4.13.0-32-generic x86_64)

 * Documentation:  https://www.linuxmint.com
Last login: Thu Mar 28 16:06:10 2024 from 193.40.5.36
tootaja@Delta-OfficeVM ~ $ cat .ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQDLjExtF1eUW/2yx5P5KtNx6oAeKPqPlDKq6EZN4HH2
SPq6gM/AIhAC7e73qntdZBXqAhPGxZ7Lv3iKzRz97D+2a4N7oiBqMXPbm1MTpXTDY+QDFgfdcUVMP3ZH
QIyFH4aJHnPtGZ75/dIuBjEaygC3FmxB/naHgIGsdzhqoZ+xmW6WG3m+IlHS00XQkmLRCw79v1N1iluj
Dhem5GQ4DiLn4OjyVnOnwdhrtWrHLjr3OkeHSeI3c00sujf7jtcuDXKNqHjb5Ab5lsflbjM5YTd5fagf
LVBYkfeTOTfSIAu/EyBFLMpr0x9/5nJFzZBpSWgaKbPkuKr/Zy7ZrtNo2PD5 kasutaja@peets
from:"172.17.37.5" ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCu+TPKQit7ZNVaSD3A2QuGS
bLy8Io7eTJEB60zf4GgePe2O5BXq+RGqAj6KwY1Hmz4E3p6psQB6XoiWaJp7xz7/wFao8Rm1b28VyTpJ
dIBMTEIPGRju7CAOSShdCnDveAWmCfrNs7Sd+D8Tvbca5FCFQ//yi1Db7EotPB2QQHZjkJ+C1DIwc+w4
q2sQCmi7HCzFMheDf3eh3O4LdvDt/ajKRCoSHaAvvx5hG/mNu75ilQd1umFpDKdZxLqFzJk8B5ia1nXg
IZmJZX/4NOYdUJRXz8qRWf4L1Gifz2SvaNjsk/MzRnLfm/nrV/a4EOymDrKZmb4eSZArXKUtKHXl4Ad
kasutaja@peets
tootaja@Delta-OfficeVM ~ $
```

ÜL 3

```
                        tudeng@Delta-OfficeVM ~                    _  □  ⊗

 File  Edit  View  Search  Terminal  Help

kasutaja@rivik:~$ ssh -p 3033 tudeng@localhost
The authenticity of host '[localhost]:3033 ([127.0.0.1]:3033)' can't be establis
hed.
ED25519 key fingerprint is SHA256:xhLsMr8qlHMK1wwhsEmXKbRebj5XnyM+G5aDX3xcLfY.
This host key is known by the following other names/addresses:
    ~/.ssh/known_hosts:7: [hashed name]
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[localhost]:3033' (ED25519) to the list of known hos
ts.
tudeng@localhost's password:
Welcome to Linux Mint 18.3 Sylvia (GNU/Linux 4.13.0-32-generic x86_64)

 * Documentation:  https://www.linuxmint.com
Last login: Thu Mar 28 16:19:24 2024 from 193.40.5.36
tudeng@Delta-OfficeVM ~ $ ip addr l eth0
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP gr
oup default qlen 1000
    link/ether 08:00:27:3e:00:f6 brd ff:ff:ff:ff:ff:ff
    inet 172.17.36.109/23 brd 172.17.37.255 scope global eth0
       valid_lft forever preferred_lft forever
    inet6 2001:bb8:2002:2400:a00:27ff:fe3e:f6/64 scope global mngtmpaddr dynamic

       valid_lft 2591979sec preferred_lft 604779sec
    inet6 fe80::a00:27ff:fe3e:f6/64 scope link
       valid_lft forever preferred_lft forever
tudeng@Delta-OfficeVM ~ $ hostname
Delta-OfficeVM
tudeng@Delta-OfficeVM ~ $ mtr -b 8.8.8.8
tudeng@Delta-OfficeVM ~ $ who
kasutaja tty7         2024-03-23 10:35 (:0)
tudeng   pts/1        2024-03-28 16:19 (193.40.5.36)
tudeng   pts/2        2024-03-28 16:25 (193.40.5.36)
tudeng@Delta-OfficeVM ~ $
```
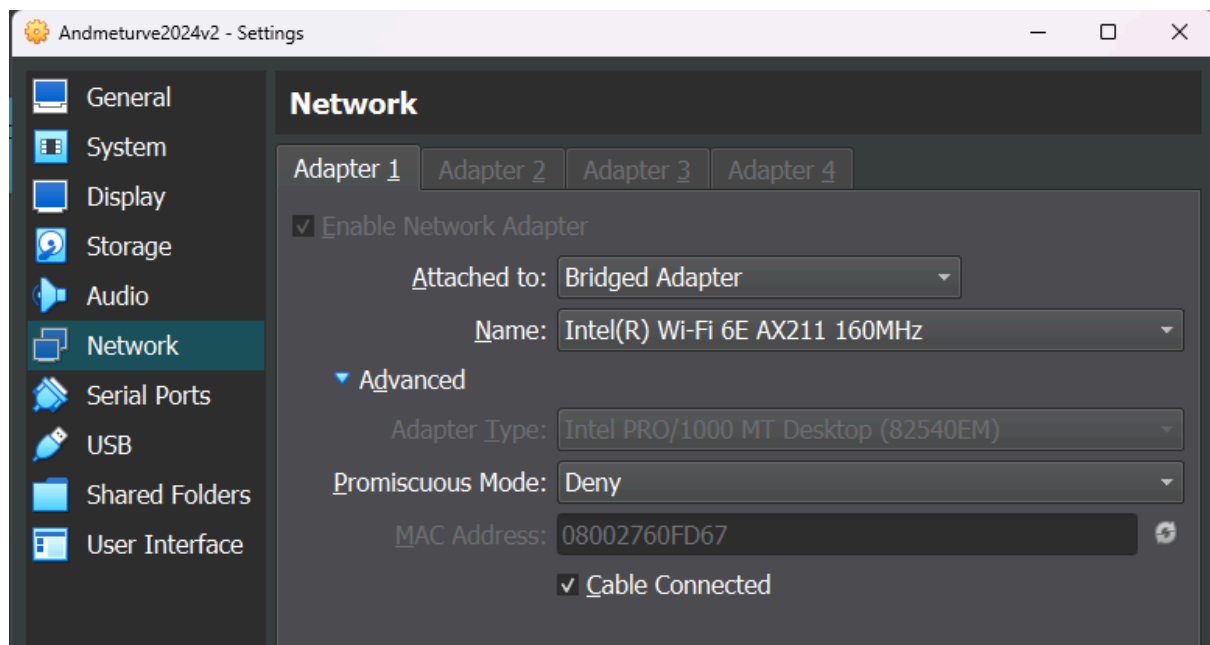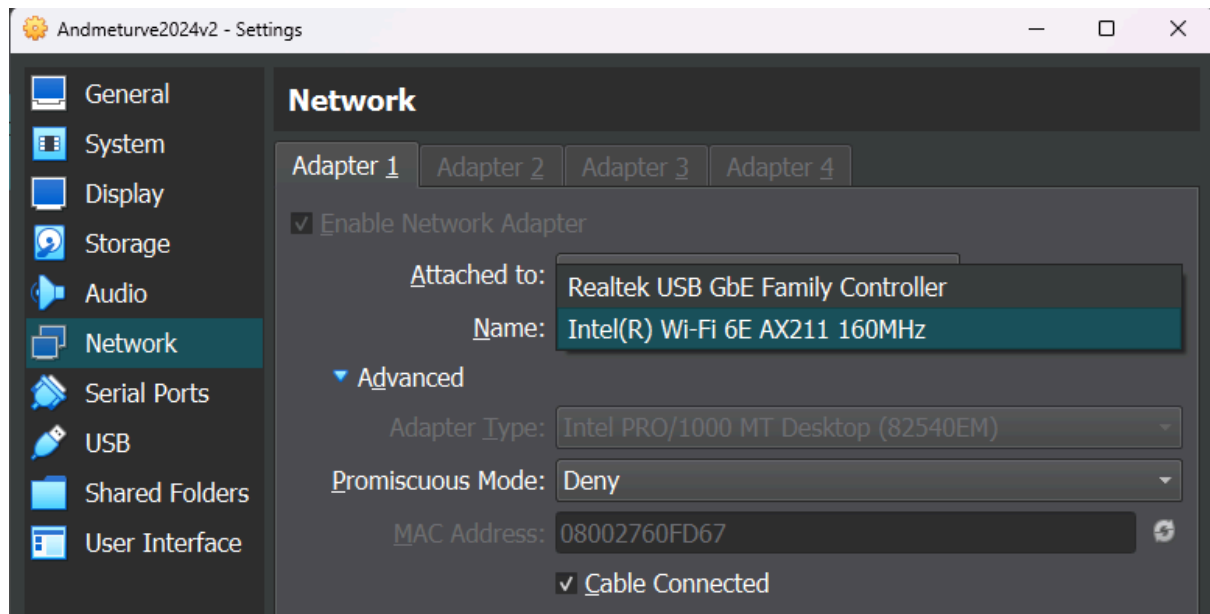
ÜL 4

```
                           kasutaja@rivik: ~                        _  □  ⊗

  File  Edit  View  Search  Terminal  Help
  kasutaja@rivik:~$ ssh -R 23318:10.0.2.15:22 richardr@adalberg.ut.ee
  ###

   adalberg

   Latest ansible deployment: 2022-12-22 at 12:15:50

   NB! This host is managed by ANSIBLE, beware when doing edits...
  ###
  Last login: Thu Mar 28 16:34:11 2024 from 2001:bb8:2002:40::151
  richardr@adalberg:~$ who
  alop      pts/3         2024-03-23 18:21 (193.40.37.5)
  aajaani   pts/5         2024-03-28 16:18 (172.18.129.42)
  richardr  pts/6         2024-03-28 16:37 (2001:bb8:2002:40::151)
  heinricv  pts/8         2024-03-28 16:36 (90.190.115.216)
  richardr@adalberg:~$ ssh kasutaja@localhost -p 23318
  The authenticity of host '[localhost]:23318 ([127.0.0.1]:23318)' can't be establ
  ished.
  ED25519 key fingerprint is SHA256:+Sk7oMcw1OoBwo/RdWvsg2ZCADmzNqD0h8PseENBo4U.
  This key is not known by any other names
  Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
  Warning: Permanently added '[localhost]:23318' (ED25519) to the list of known ho
  sts.
  kasutaja@localhost's password:

  Last login: Tue Feb 13 13:44:03 2024 from 127.0.0.1
  kasutaja@rivik:~$ who
  kasutaja tty7          2024-03-28 16:09 (:0)
  kasutaja pts/2         2024-03-28 16:38 (10.0.2.15)
  kasutaja@rivik:~$
```

ÜL 5

- Lülitage enda Andmeturve Linux mint virtuaalmasin välja - `power off`.
- Kui te kasutate klassi võrku ühendamiseks `võrgukaablit`, siis valige vastava virtuaalmasina võrguseadete alt `Attached to: Bridged Adapter` ja ühendatud adapter `name` valida `Intel Ethernet Connection` vms.
- Kui kasutate võrku ühendamiseks Wi-Fi't, siis valige `Andmeturve Linux Mint` virtuaalmasina võrguseadete alt `Attached to: Bridged Adapter` ja valige `Wi-Fi adapter` (näiteks `Intel(R) WiFi 6 AX201 160MHz`, `Broadcom 802.11n Network Adapter`, `Intel Dual Band Wireless` jne).

Minu virtuaalmasina Network seadete all ei olnud selliseid valikuid.
(Kasutasin võrgukaablit)

Peale seda virtuaalmasin ning kloon ei ühendanud internetiga.

ÜL 6