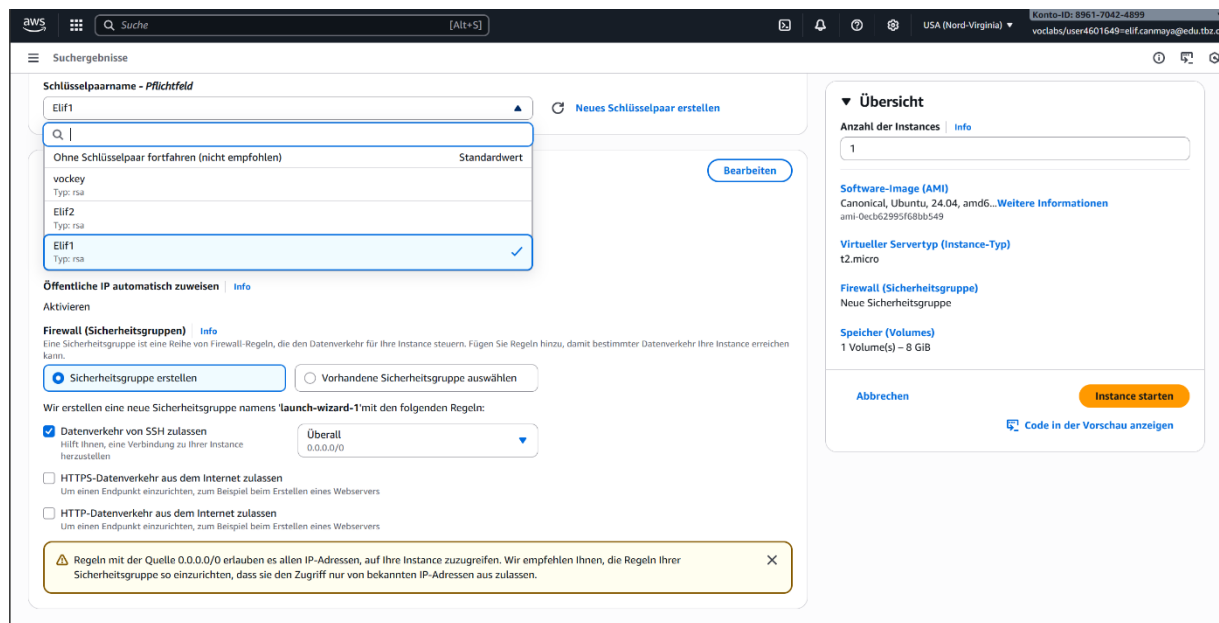


KN02:

A) Umgang mit AWS Kurs (20%)

Einladung angenommen und Account erstellt.

B) Instanz erstellen (40%)



Als kurzer Text/Aufzählung geben Sie die folgenden Einstellungen zu Ihrer Instanz an:
Diskgrösse, Betriebssystem, Grösse des RAM, Anzahl der CPUs:

1GiB Arbeitsspeicher, 1cVPU, Plattform: Linux/UNIX

C) Zugriff mit SSH-Key (40%)

Screenshot mit dem ssh-Befehl und des Resultats unter Verwendung des **ersten** Schlüssels

```
PS C:\Users\elifb> ssh ubuntu@54.174.91.4 -i C:\Users\elifb\Downloads\Elif1.pem -o ServerAliveInterval=30
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1015-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

System information as of Tue Nov 18 13:12:46 UTC 2025

System load:  0.02      Processes:    111
Usage of /:   26.2% of 6.71GB   Users logged in: 1
Memory usage: 22%          IPv4 address for enx0: 172.31.24.248
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Tue Nov 18 13:11:35 2025 from 194.209.11.12
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

```

ubuntu@ip-172-31-24-248:~$ ssh-keygen -f C:\Users\elifb\.ssh\Elif2.pem -t rsa -b 2048 -C max
Generating public/private rsa key pair.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\elifb\.ssh\Elif2.pem
Your public key has been saved in C:\Users\elifb\.ssh\Elif2.pem.pub
The key fingerprint is:
SHA256:R/P0irkX3CIzfPueMAB3svstYn9toez6ABXgK3moSiE max
The key's randomart image is:
+---[RSA 2048]-----+
|  ..+.o |
|  o.+ . |
|  o.. o |
|  o +o . o |
|E.+ = oS.. |
|...o o .+.o |
|.. o =+.+ .o |
|o .+++*=.o. |
|. ..=*0=.. |
+---[SHA256]-----+

```

```

ubuntu@ip-172-31-24-248:~$ ssh-keygen -f C:\Users\elifb\.ssh\Elif1.pem -t rsa -b 2048 -C max
Generating public/private rsa key pair.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\elifb\.ssh\Elif1.pem
Your public key has been saved in C:\Users\elifb\.ssh\Elif1.pem.pub
The key fingerprint is:
SHA256:2W0tSwj+0weKngHnZRUwddFBn7jVuqmpUympBuIPZQg max
The key's randomart image is:
+---[RSA 2048]-----+
|  ..o+= |
|  ...= |
|E . . o. oo |
| . . . + + oo. |
| . o S o. Boo |
| .o. oo*o+ o |
|... .o.*oo + |
|.. o+=.. + |
|.o++ .oo |
+---[SHA256]-----+

```

```

ubuntu@ip-172-31-24-248:~$ ssh-keygen -y -f C:\Users\elifb\.ssh\Elif1.pem > C:\Users\elifb\.ssh\Elif1.pub
ubuntu@ip-172-31-24-248:~$ ssh-keygen -y -f C:\Users\elifb\.ssh\Elif2.pem > C:\Users\elifb\.ssh\Elif2.pub
ubuntu@ip-172-31-24-248:~$ ssh-keygen -y -f C:\Users\elifb\.ssh\Elif2.pem > C:\Users\elifb\.ssh\Elif2.pub
ubuntu@ip-172-31-24-248:~$

```

Screenshot mit dem ssh-Befehl und des Resultats unter Verwendung des **zweiten** Schlüssels:

```

ubuntu@ip-172-31-24-248:~$ ssh ubuntu@54.174.91.4 -i C:\Users\elifb\Downloads\Elif2.pem -o ServerAliveInterval=30
Warning: Identity file C:\Users\elifb\Downloads\Elif2.pem not accessible: No such file or directory.
The authenticity of host '54.174.91.4 (54.174.91.4)' can't be established.
ED25519 key fingerprint is SHA256:nafZQFJ3Qcm4GzNcdMejzpe7uB/qVtz9uP4cM8XZ278.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '54.174.91.4' (ED25519) to the list of known hosts.
ubuntu@54.174.91.4: Permission denied (publickey).

```

Screenshot der Instanz-Detail (oder Liste), so dass der verwendete Schlüssel sichtbar ist:

Instances (1/1) <small>view</small>													
<input type="text"/> <input type="button" value="filter"/> <input type="button" value="refresh"/>													
Name	Instance ID	Instance Name	Instance Type	Availability Zone	Subnet	Public IP	Private IP	OS	OS Version	OS Architecture	OS Platform	OS Release Label	OS Release Date
AKO2-BP	i-0b0c0d0e0f0g0h0i	AKO2-BP	m5.xlarge	eu-central-1	subnet-12345678	54.174.91.4	10.0.0.1	Ubuntu 20.04	20.04.1	amd64	Linux	20.04.1	2021/11/18 15:30 (UTC+1)