



# FORCE EDGE CONNECT

## Installation on Ubuntu with GUI

Version 230406



Document: FORCE EDGE CONNECT -  
Installation on Ubuntu with GUI



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# 1 Requirements

- ❗ Before installing, ensure that the system meets the system requirements. Details can be found in the system requirements document.

## 1.1 User rights for installation

It is mandatory to create a non-root user.

The rights must be assigned to the user to be able to correctly install the application.

### User:

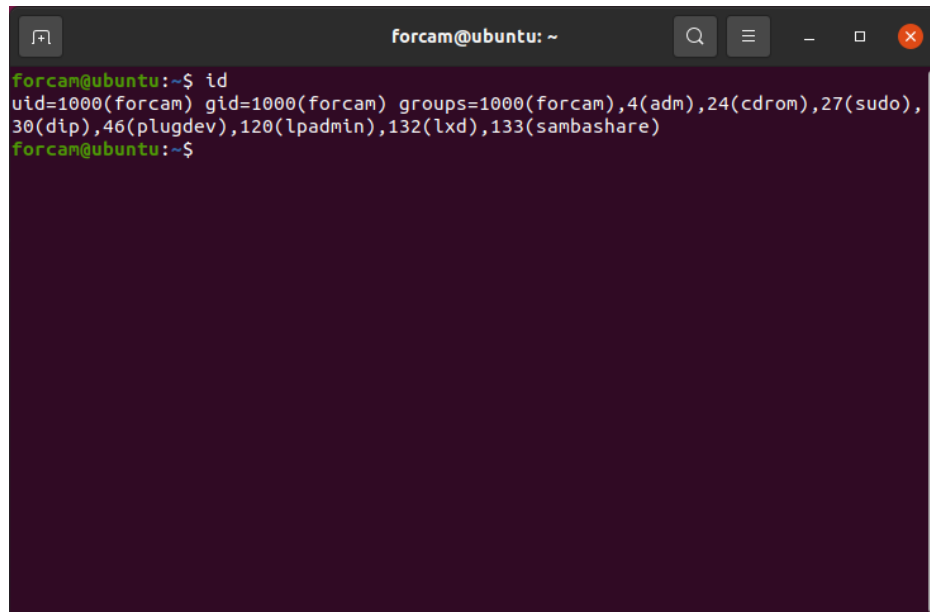
- Must be a non-root user (name doesn't matter)
- This user must have the right to run the docker + docker compose command
- User ID while installing must be the ID of the current user (number):
  - `"id"` (command)
- Add the current user into the Docker group:
  - `"sudo usermod -aG docker $USER"` (command)

## 2 Installing FORCE EDGE CONNECT on Ubuntu (with GUI)

### 2.1 User setup

1. Check the User ID of the login/created user.

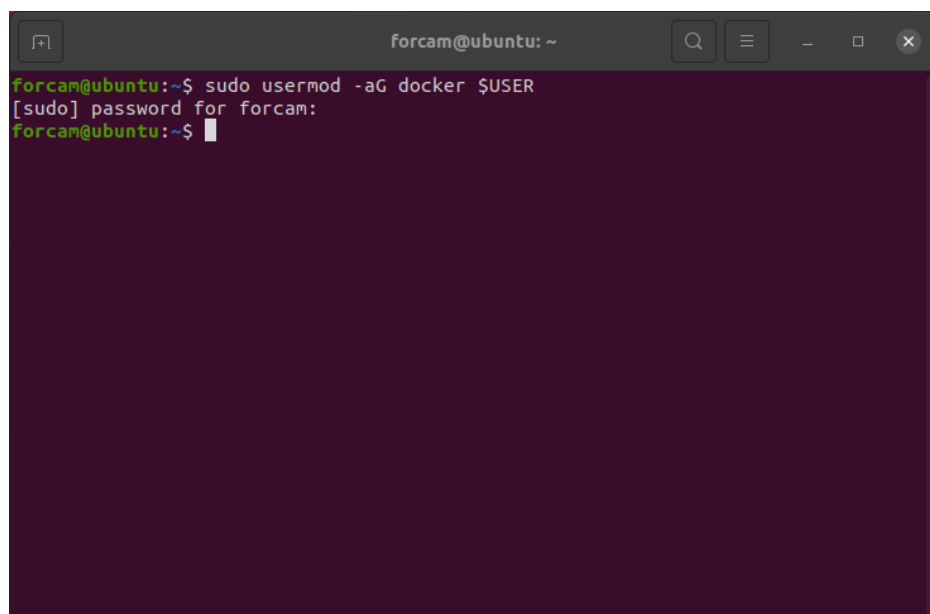
- Run:  
id



```
forcam@ubuntu: ~  
forcam@ubuntu:~$ id  
uid=1000(forcam) gid=1000(forcam) groups=1000(forcam),4(adm),24(cdrom),27(sudo),  
30(dip),46(plugdev),120(lpadmin),132(lxd),133(sambashare)  
forcam@ubuntu:~$
```

2. Add this user to the Docker group so that you can run the docker command with this user.

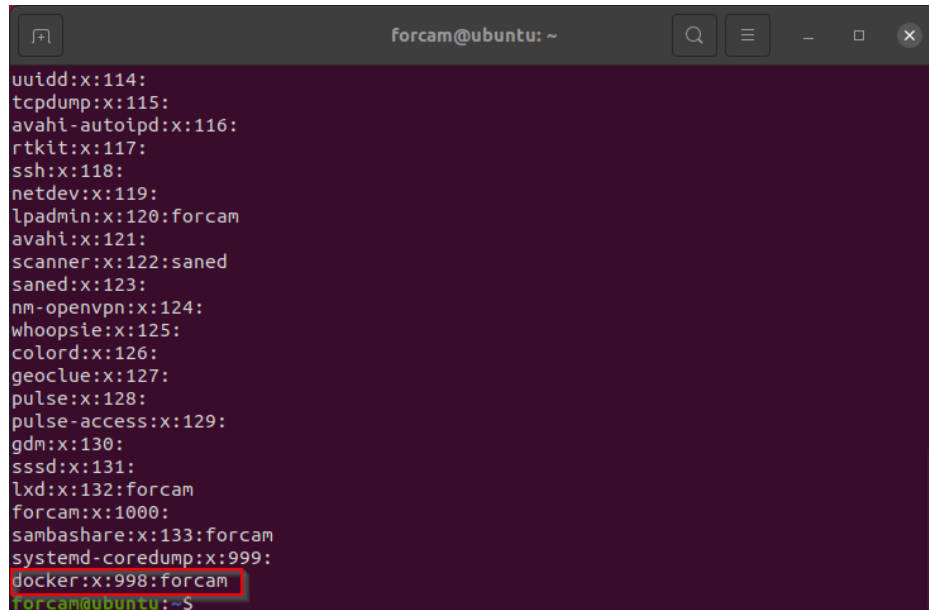
- Run:  
sudo usermod -aG docker \$USER



```
forcam@ubuntu: ~  
forcam@ubuntu:~$ sudo usermod -aG docker $USER  
[sudo] password for forcam:  
forcam@ubuntu:~$
```

3. Verify that user is part of the in Docker group.

- Run  
`sudo cat /etc/group`



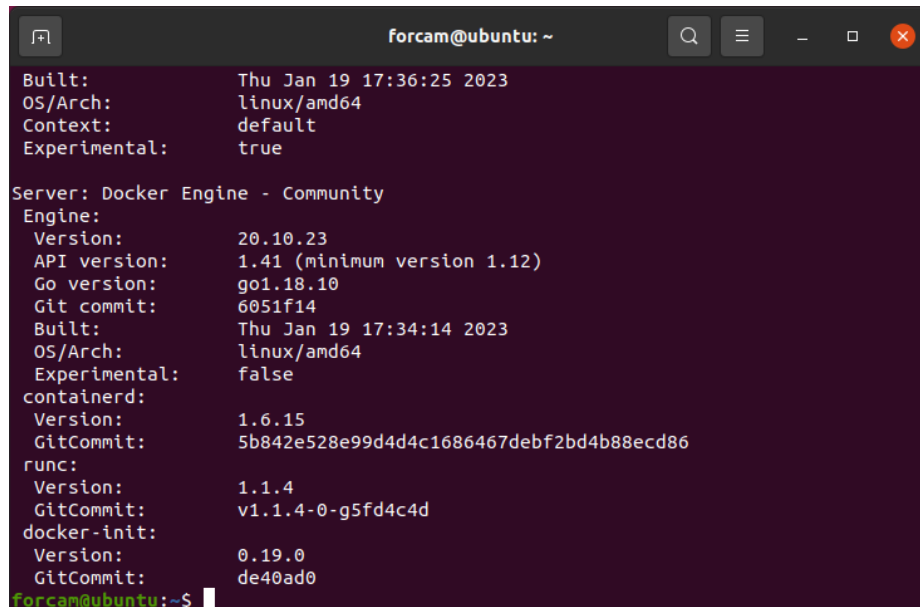
```
forcam@ubuntu: ~  
uidd:x:114:  
tcpdump:x:115:  
avahi-autoipd:x:116:  
rtkit:x:117:  
ssh:x:118:  
netdev:x:119:  
lpadmin:x:120:forcam  
avahi:x:121:  
scanner:x:122:saned  
saned:x:123:  
nm-openvpn:x:124:  
whoopsie:x:125:  
colord:x:126:  
geoclue:x:127:  
pulse:x:128:  
pulse-access:x:129:  
gdm:x:130:  
sssd:x:131:  
lxd:x:132:forcam  
forcam:x:1000:  
sambashare:x:133:forcam  
systemd-coredump:x:999:  
docker:x:998:forcam  
forcam@ubuntu:~$
```

#### 4. Restart the system.

- Run  
`sudo reboot now`

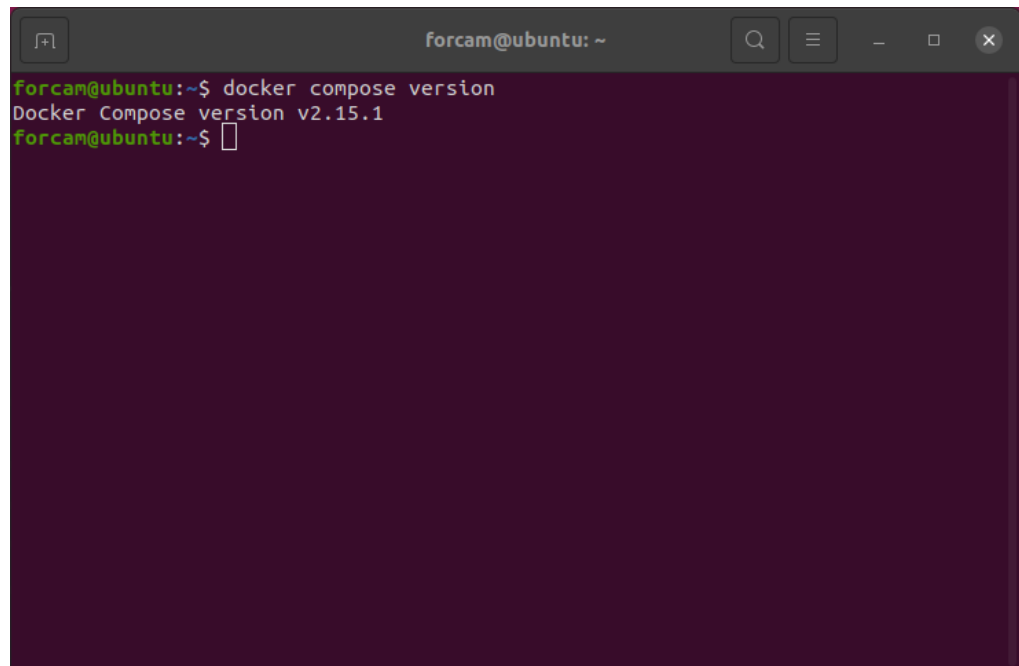
#### 5. Check whether the current user has permissions to run Docker and Docker Compose.

- Run:  
`docker version`



```
forcam@ubuntu: ~  
Built: Thu Jan 19 17:36:25 2023  
OS/Arch: linux/amd64  
Context: default  
Experimental: true  
  
Server: Docker Engine - Community  
Engine:  
  Version: 20.10.23  
  API version: 1.41 (minimum version 1.12)  
  Go version: go1.18.10  
  Git commit: 6051f14  
  Built: Thu Jan 19 17:34:14 2023  
  OS/Arch: linux/amd64  
  Experimental: false  
containerd:  
  Version: 1.6.15  
  GitCommit: 5b842e528e99d4d4c1686467debf2bd4b88ecd86  
runc:  
  Version: 1.1.4  
  GitCommit: v1.1.4-0-g5fd4c4d  
docker-init:  
  Version: 0.19.0  
  GitCommit: de40ad0  
forcam@ubuntu:~$
```

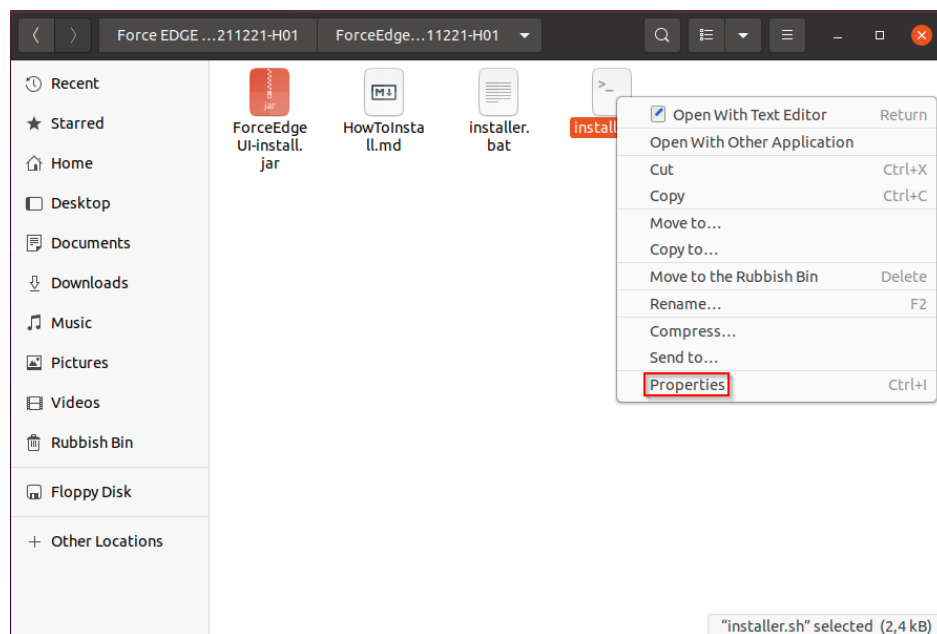
- Run:  
`docker compose version`



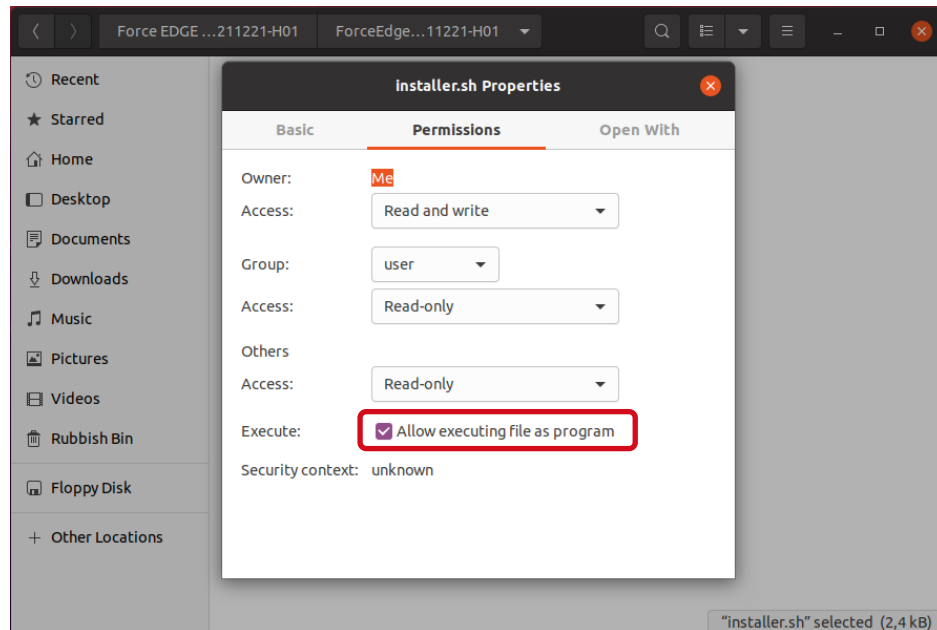
```
forcam@ubuntu: ~  
forcam@ubuntu:~$ docker compose version  
Docker Compose version v2.15.1  
forcam@ubuntu:~$
```

## 2.2 Installing the EDGE

1. Open the Force EDGE Installer folder and make the installer.sh file executable.
  - To do so, **right-click** on installer.sh and select **Properties**.

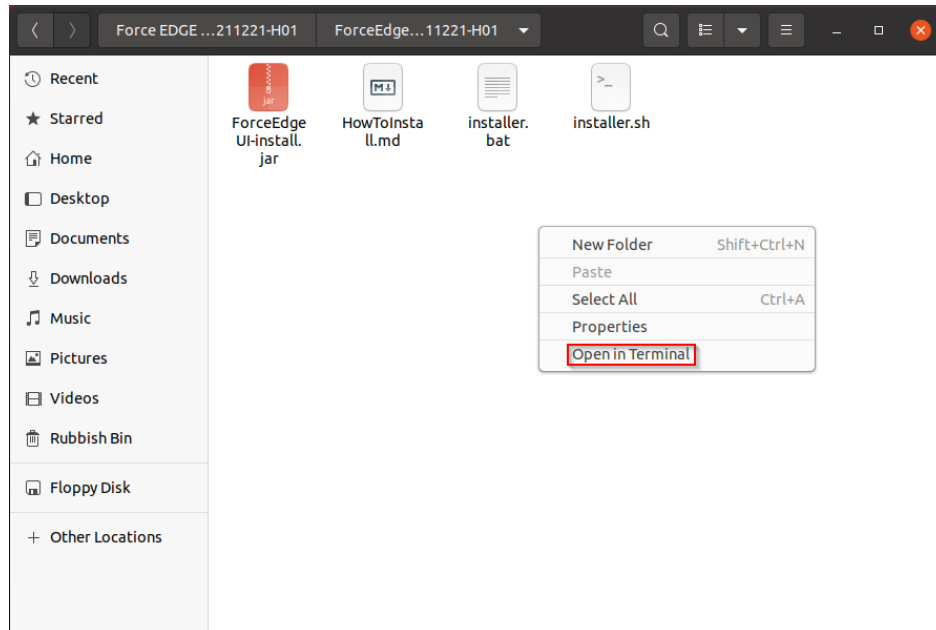


- Go to the **Permissions** section and set the checkbox at **Allow executing file as program**.

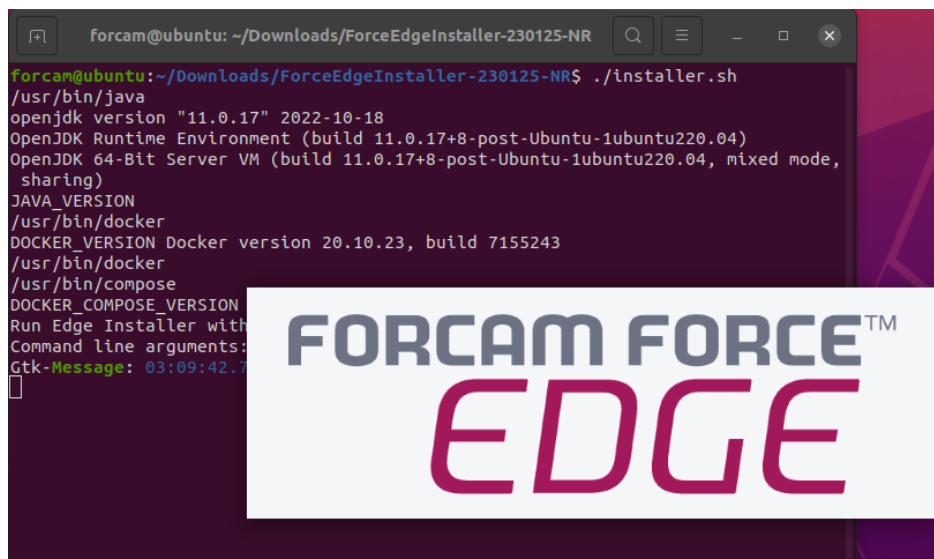


## 2. Run the EDGE installer.

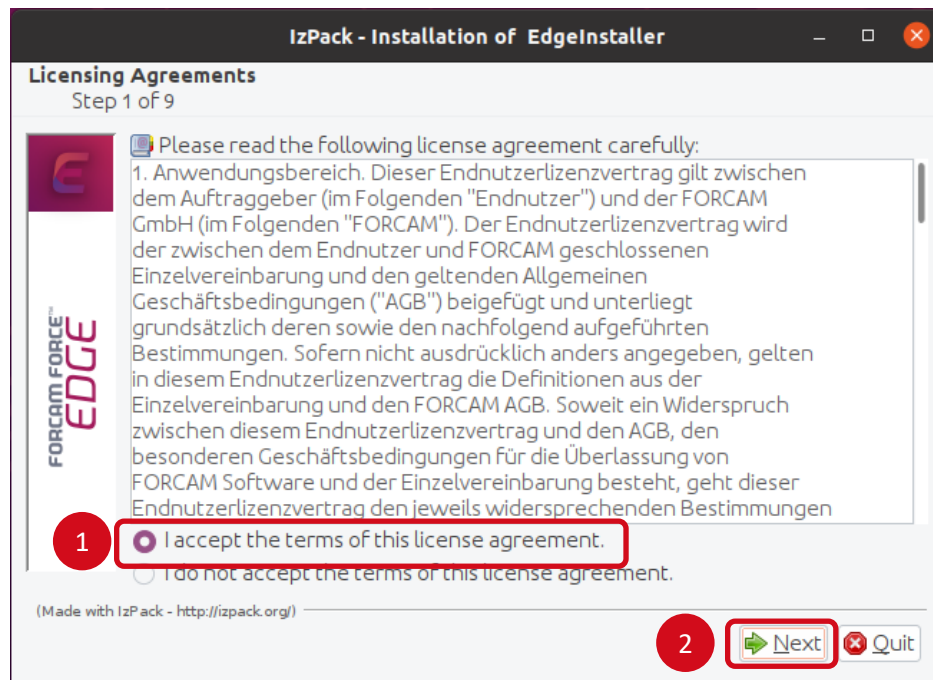
- Open the terminal by **right-clicking** inside of the folder and selecting **Open in Terminal**.



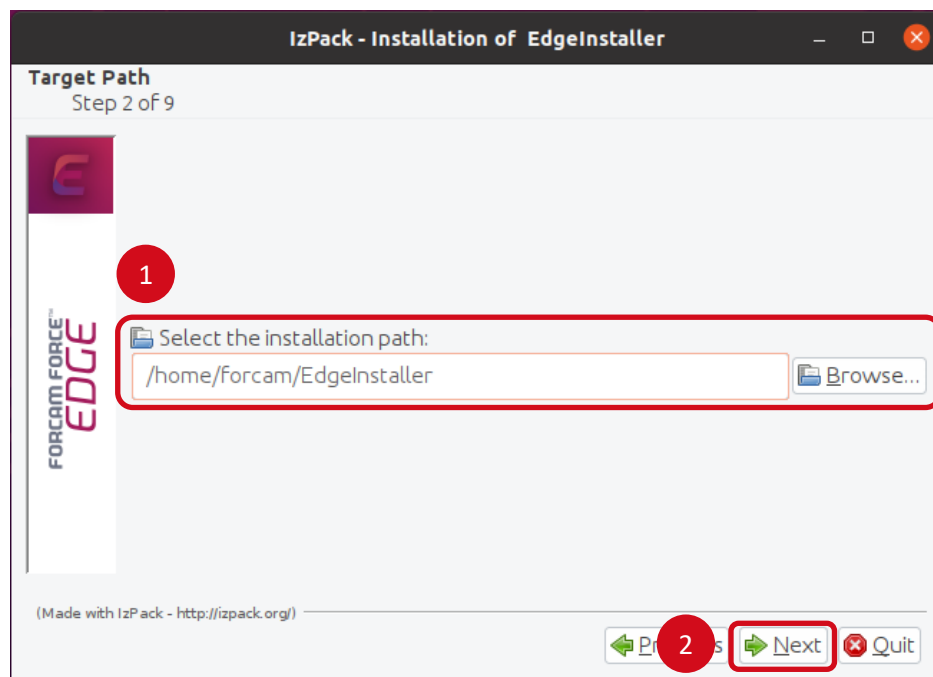
- Run:  
`./installer.sh`



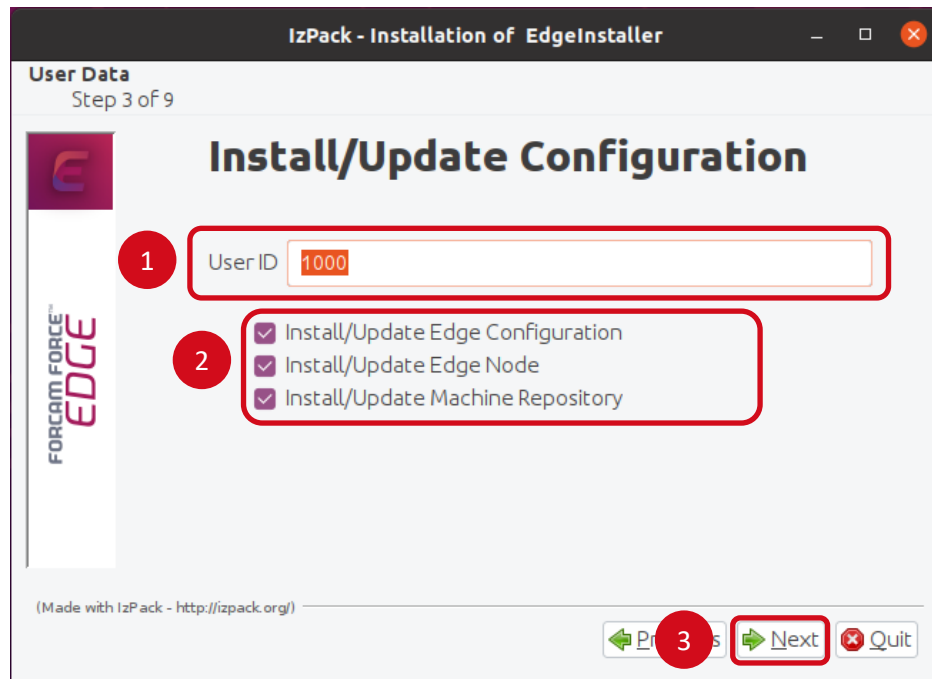
3. Configure the EDGE installer.
  - Accept the licence agreement **(1)** and click **Next (2)** to continue.



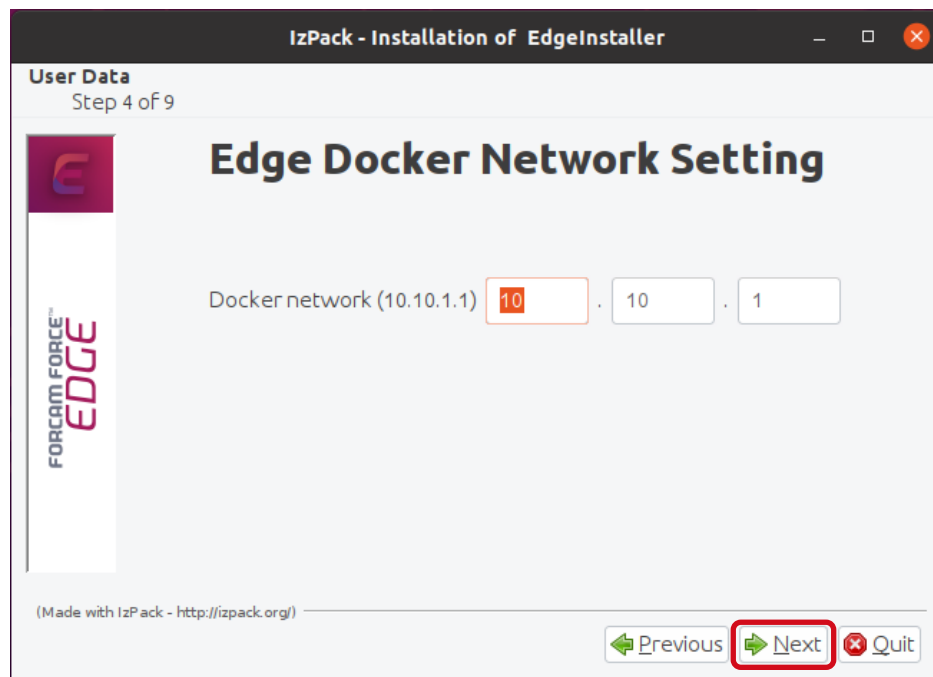
- Select the directory in which the FORCE EDGE Configuration is to be installed **(1)** and continue with **Next (2)**.



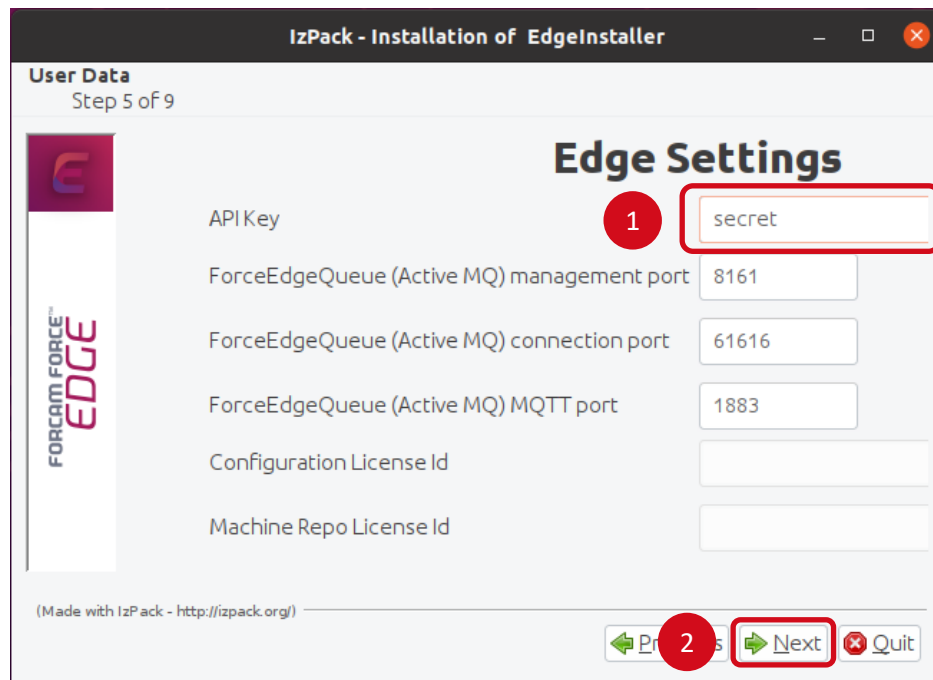
- Enter the **User ID (1)**, select the desired installation option **(2)** (in this example, all applications are installed) and click **Next (3)**.
  - ① For a complete application, at least one EDGE Configuration must be installed. EDGE Configuration and EDGE Node do not have to be installed on the same system.



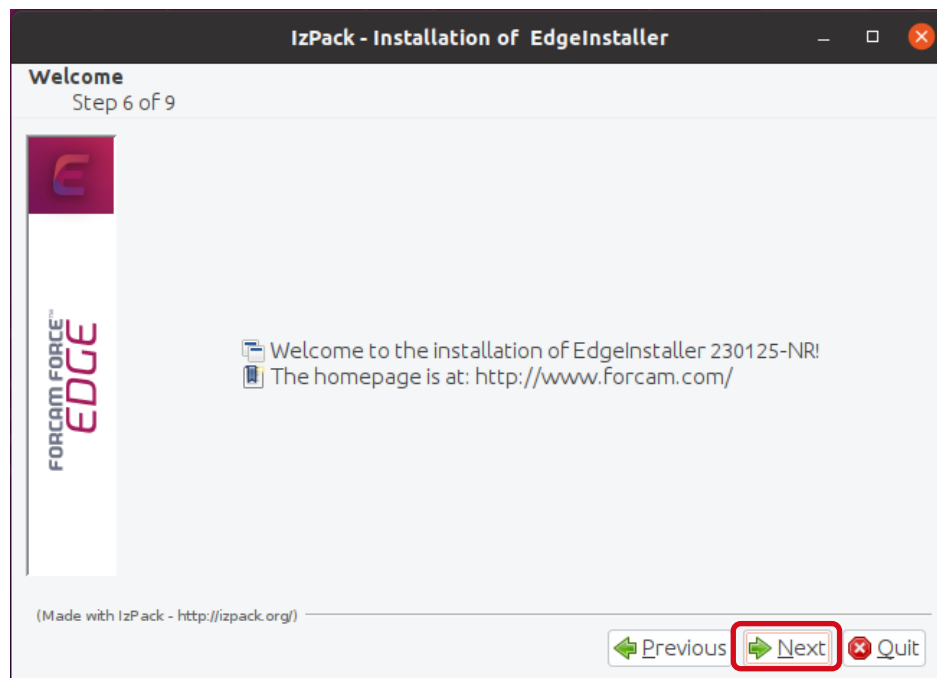
- If necessary, set the IP addresses of the Docker containers and continue with **Next**.



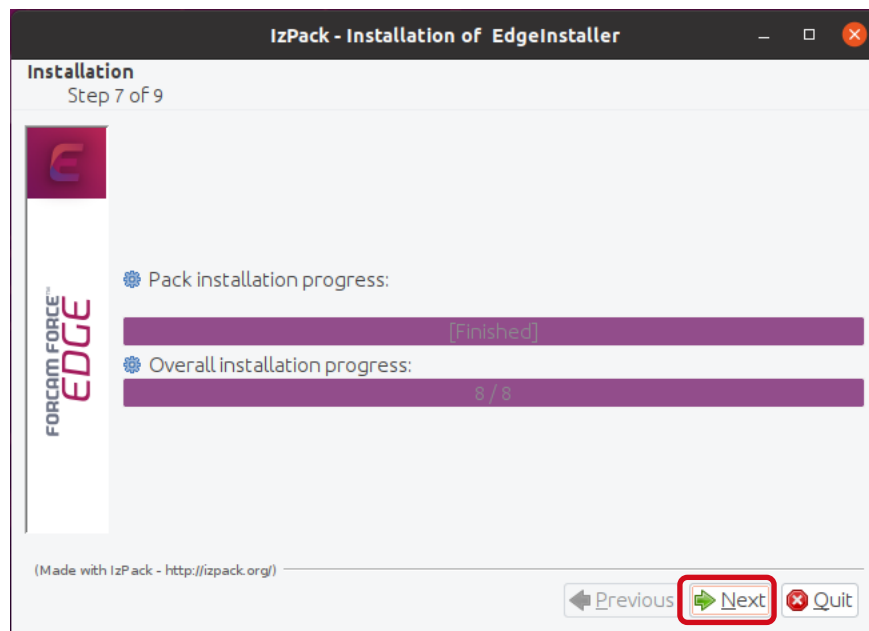
- Enter a secure **API Key (1)**, confirm the ports and continue with **Next (2)**.
  - ❗ The API Key is needed to connect the EDGE Node with the EDGE Configuration. Therefore, it should be stored safely for future use.



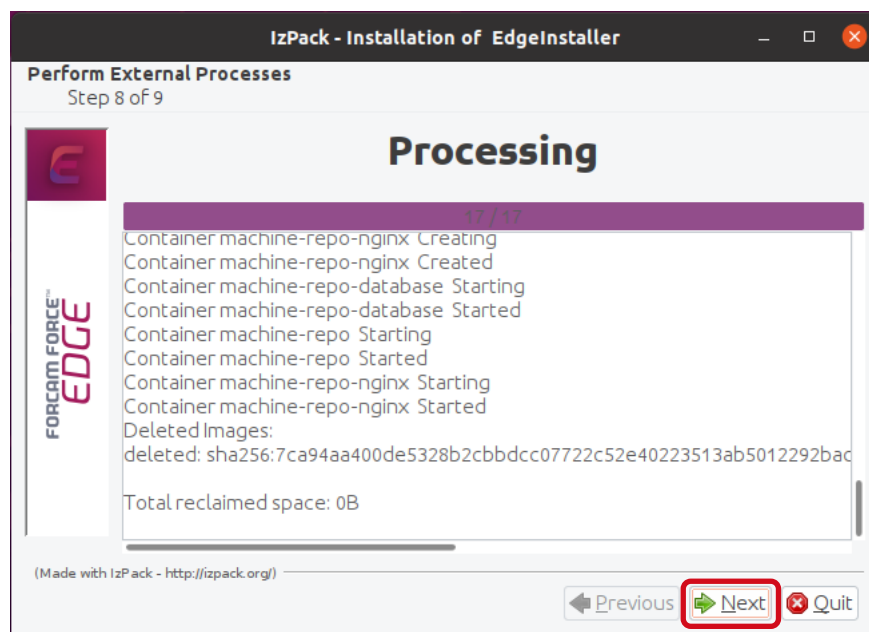
- Click **Next** to continue with the installation.



- Click **Next** after the installation step is complete.



- Click **Next** after the installation step is complete.



- Click on **Done** to complete the installation.



### 3 Accessing the EDGE Configuration

1. To access the EDGE Configuration, enter `http://{hostName}:60066` in the browser.
  - ❗ The **{hostName}** is the IP address or domain name of the server on which the EDGE Configuration is installed (e.g., `http://10.48.116.64:60066`).
2. After the initial installation, log in with the default user:  
Email: `test@mail.com`  
Password: `Force2020&k`
  - ❗ For security reasons, the default user data should be changed, and the new account information should be kept secure.

