

OBS: Setup Document

Problem Statement: During the flight we are collecting Drone data and video on GCS and we can see the live data on e-GCS. We have need to store live stream on our remote server.

OBS installation

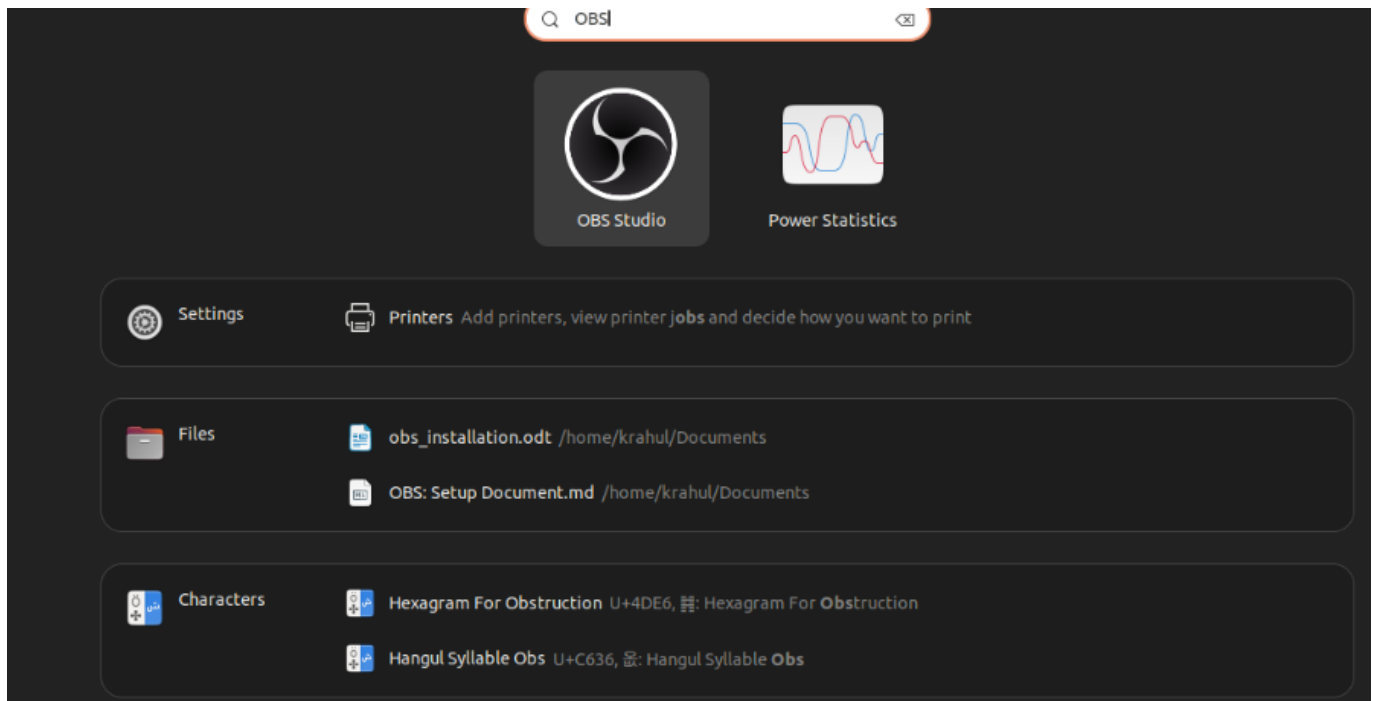
```
sudo apt install ffmpeg
```

```
sudo apt install v4l2loopback-dkms
```

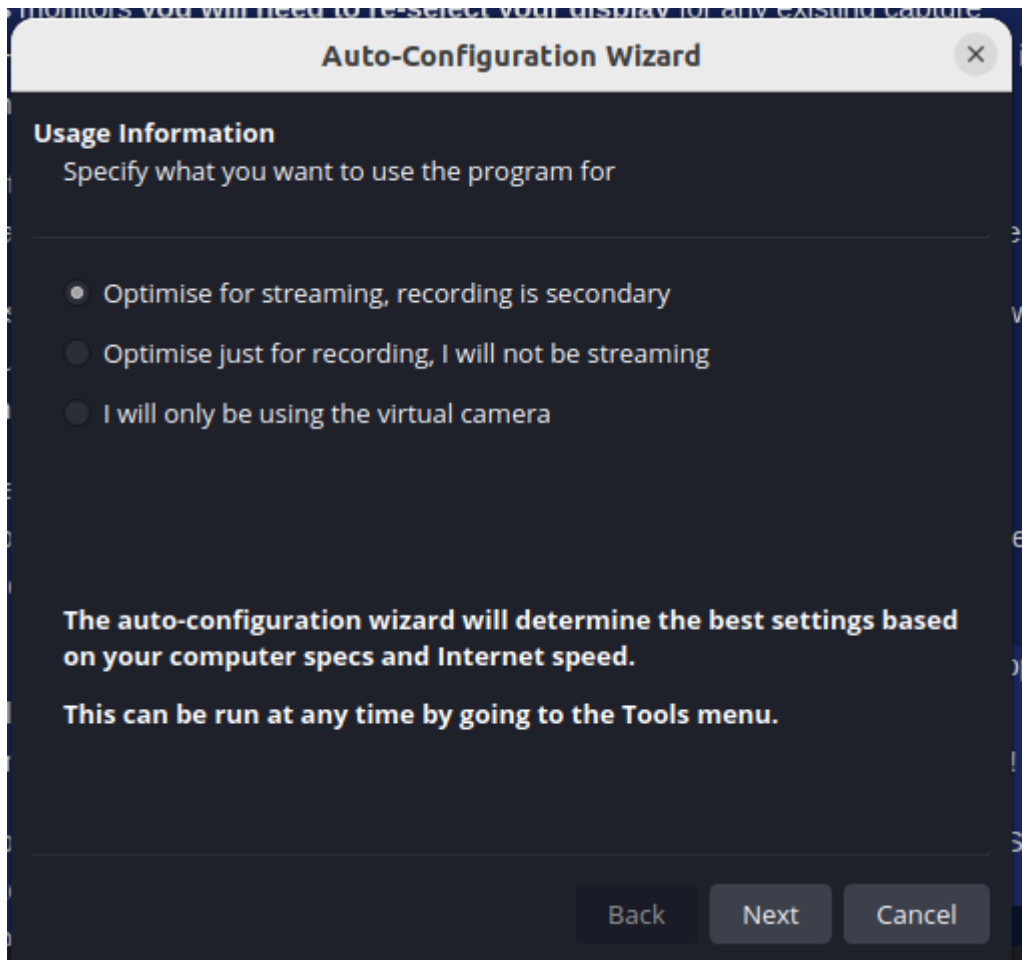
```
sudo add-apt-repository ppa:obsproject/obs-studio
```

```
sudo apt update
```

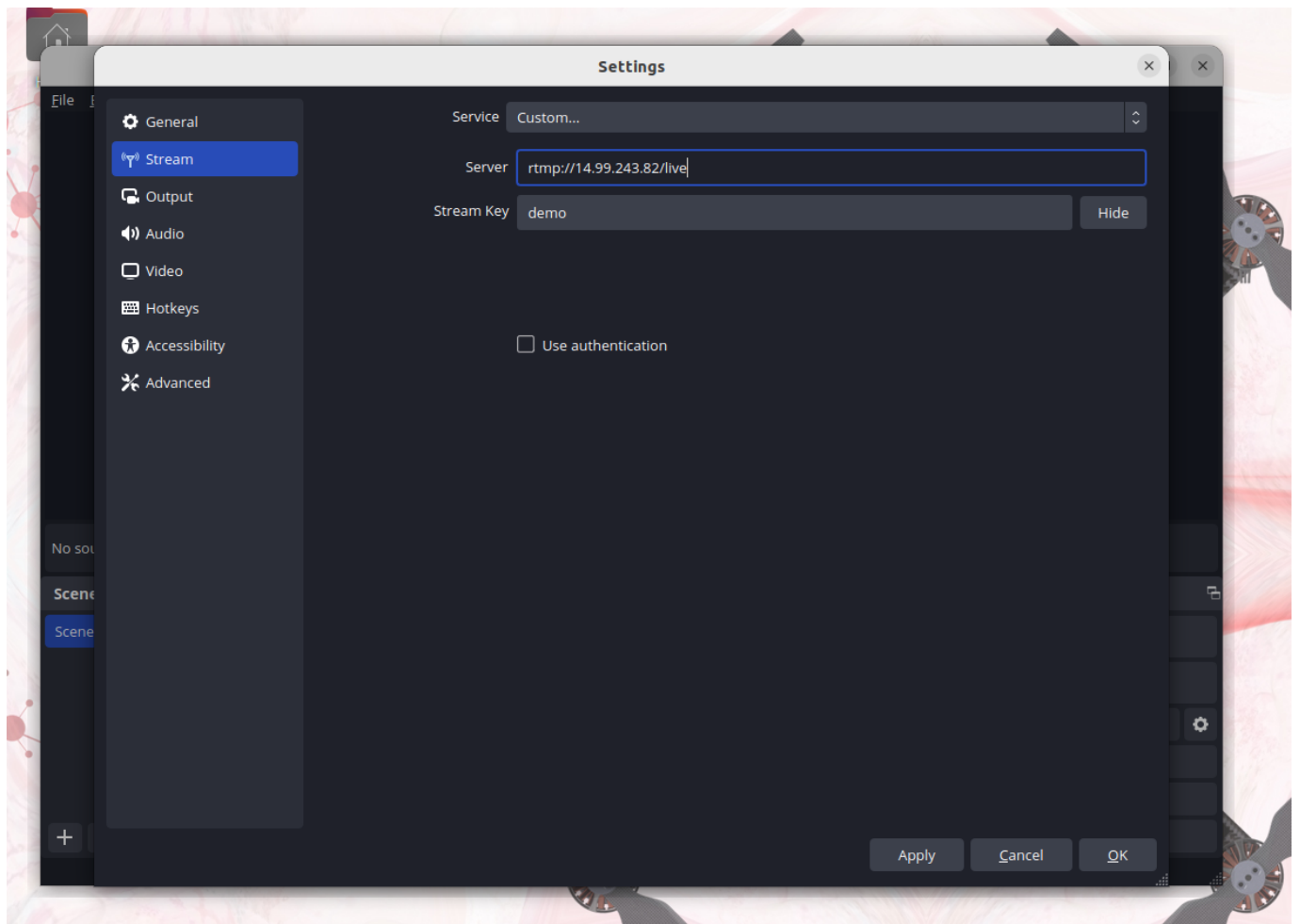
```
sudo apt install obs-studio
```



Select OBS Studio from the app selection section



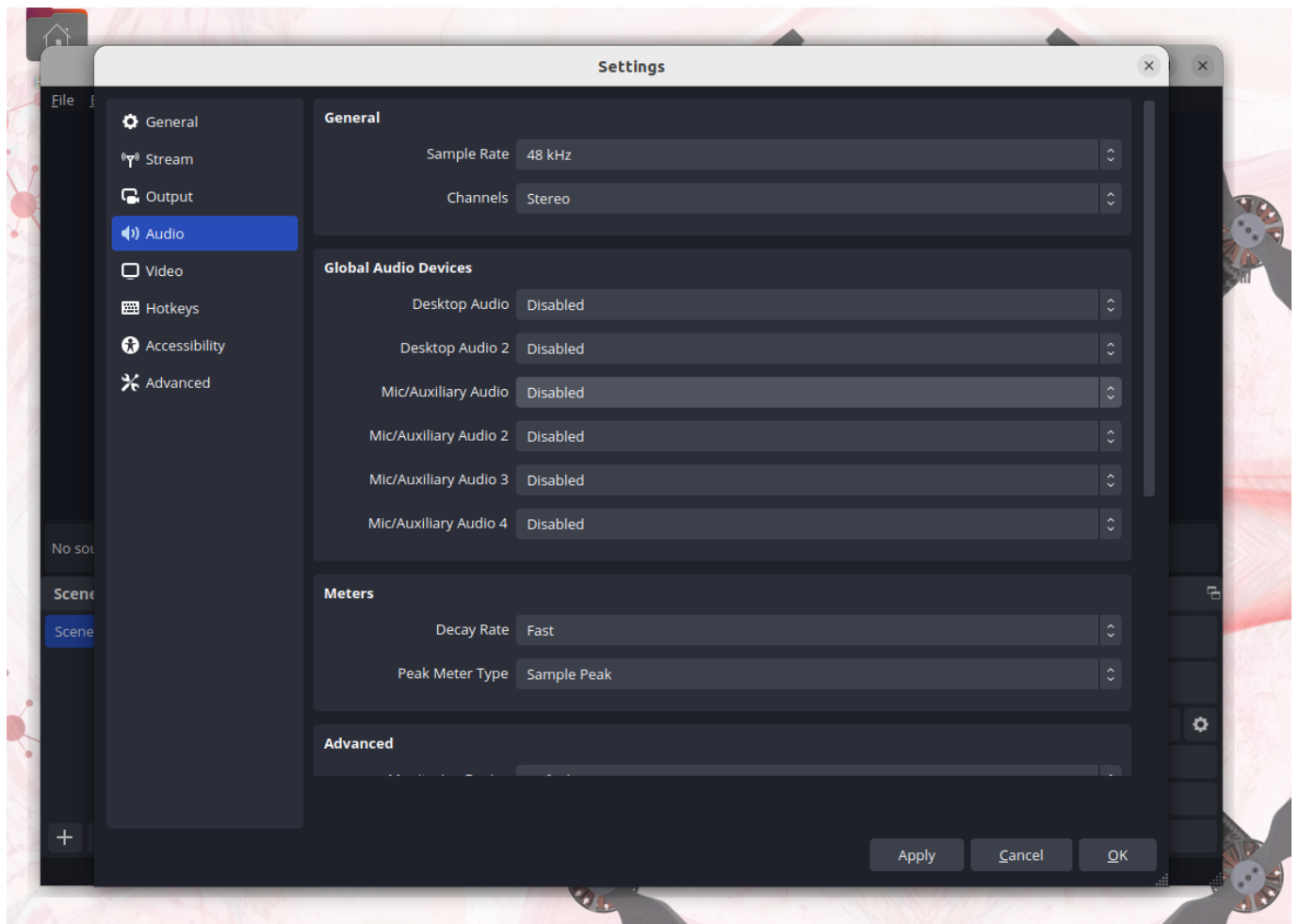
Select Optimise for streaming , recording is secondary



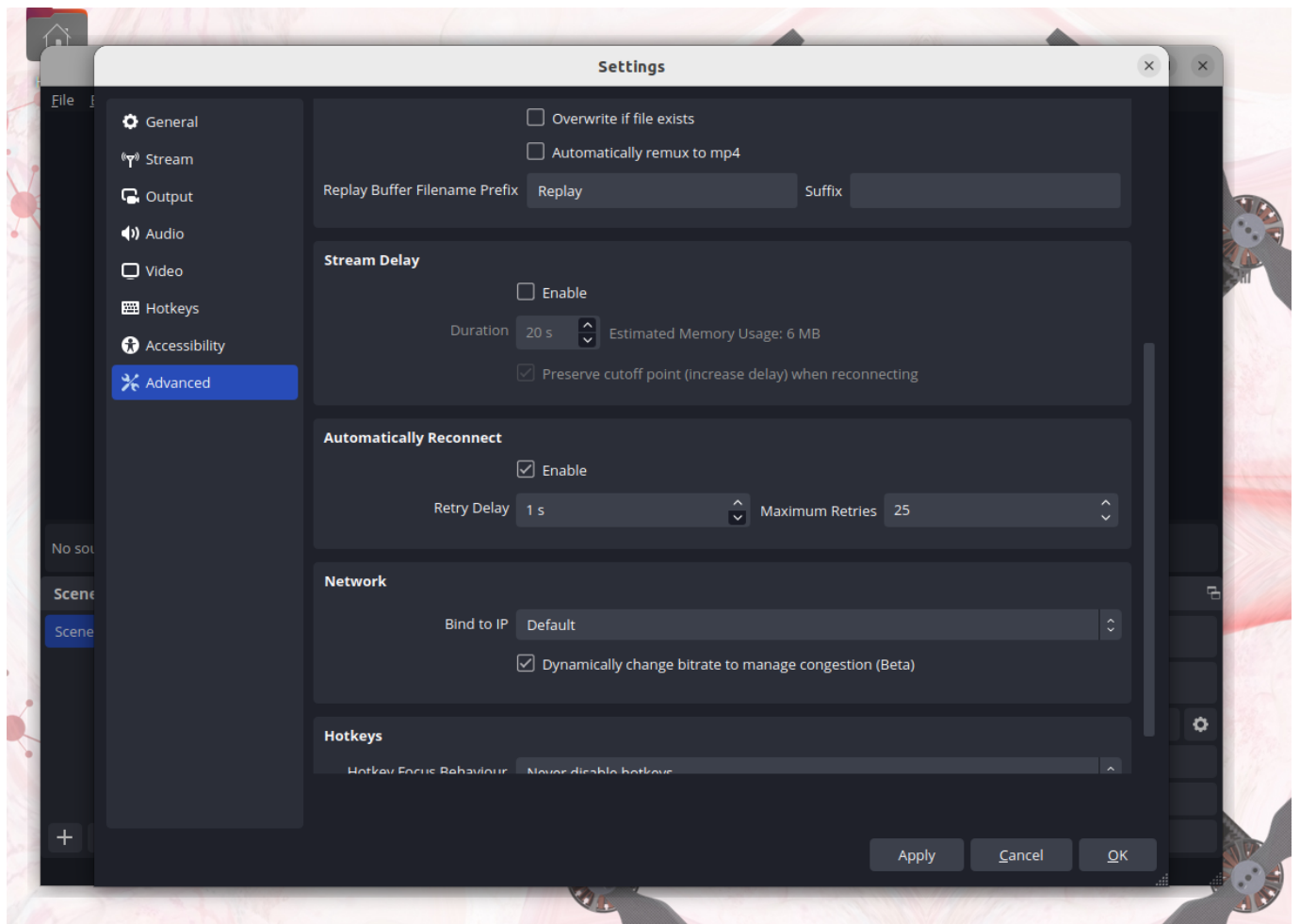
Go settings and choose

Stream > select Custom > rtmp://14.99.243.82/live

stream key : demo



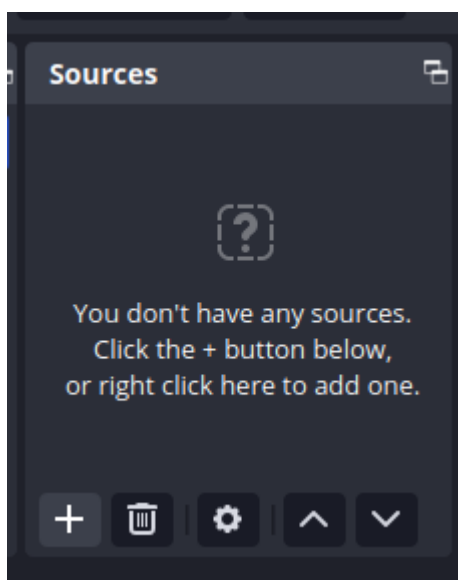
In Audio setting disable all the settings as per the screenshot.



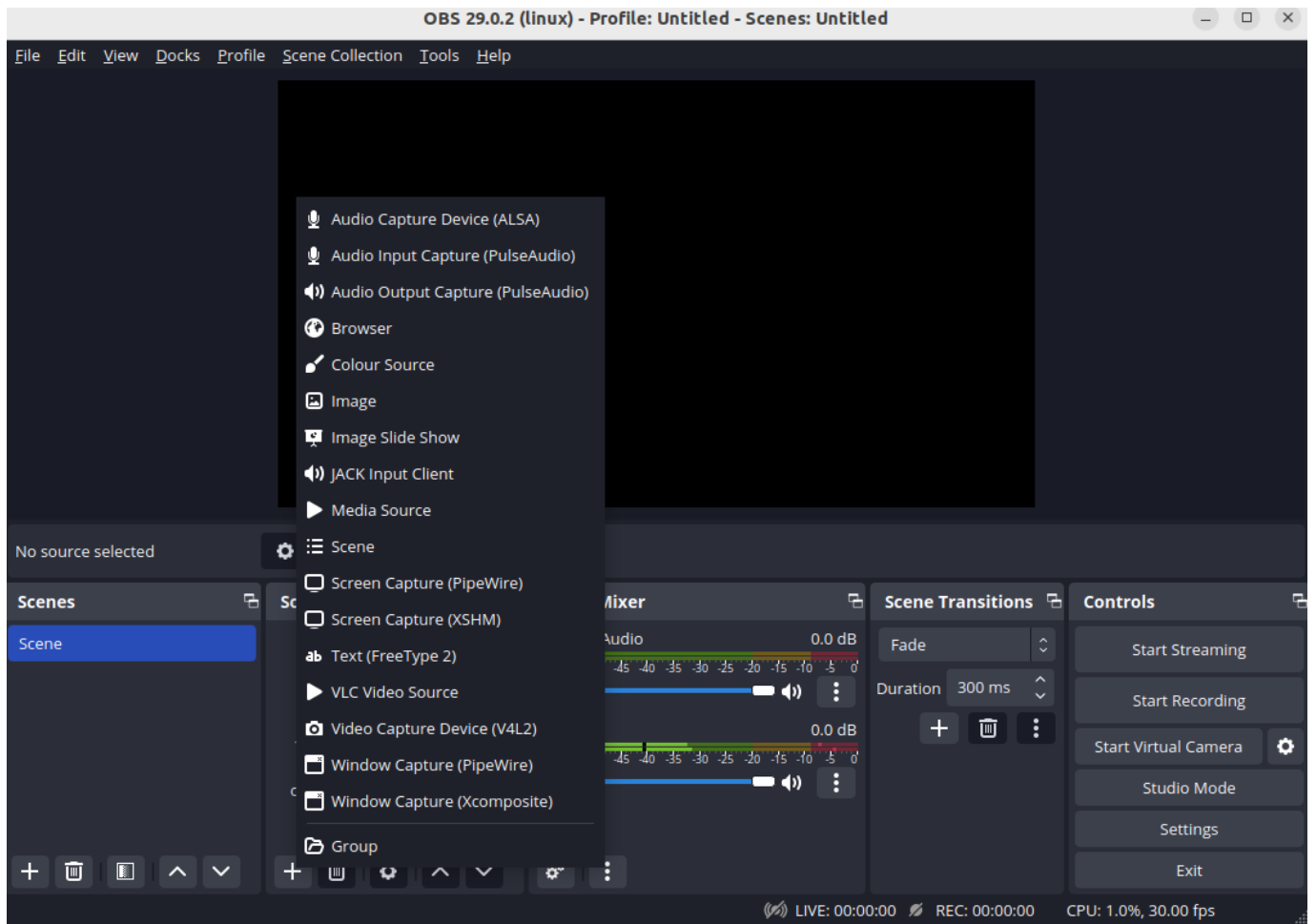
Click on Advanced > Network >

Bind Ip : Default

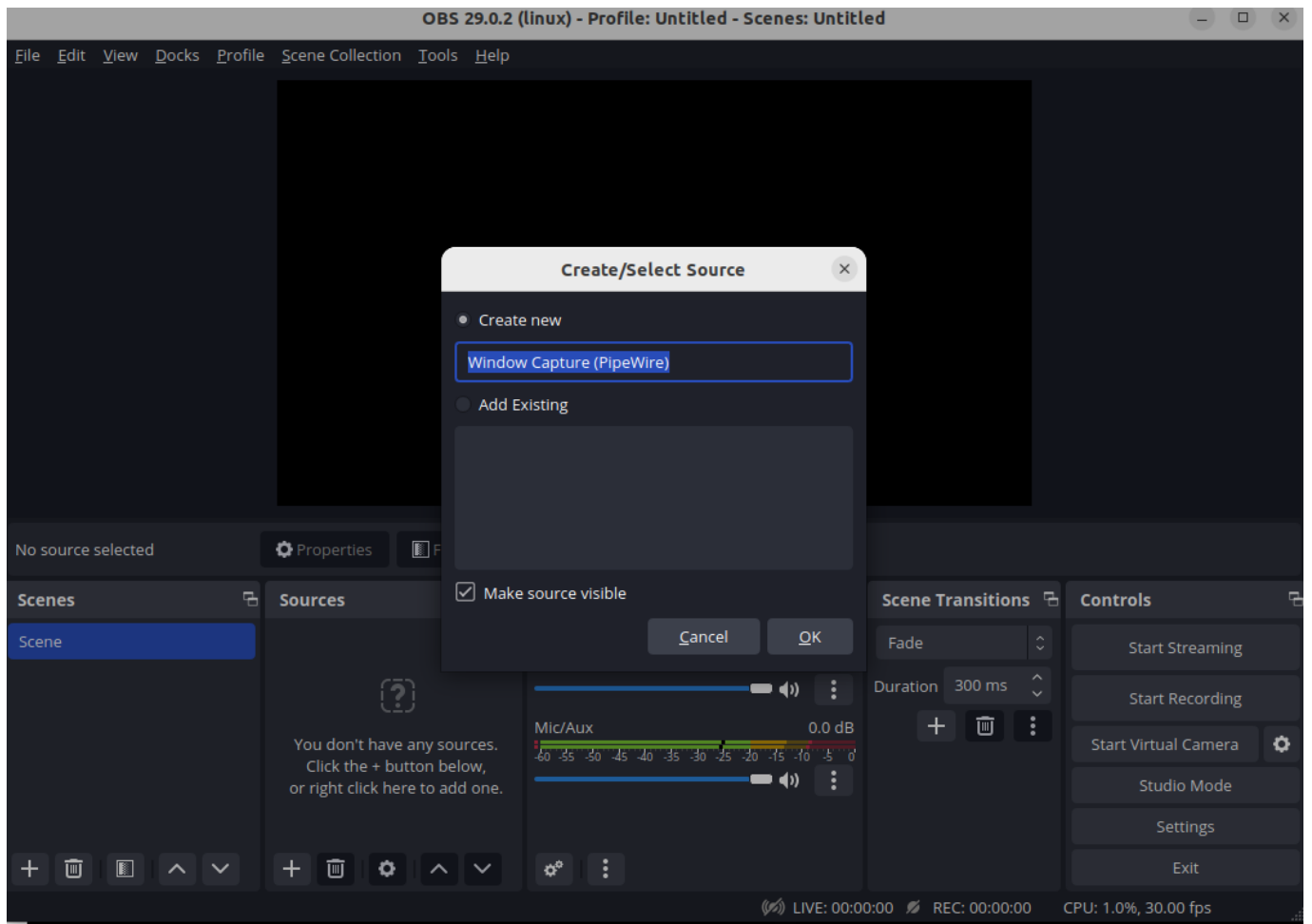
Ticked : Dynamically change bitrate to manage congestion(Beta)



Click on '+' icon



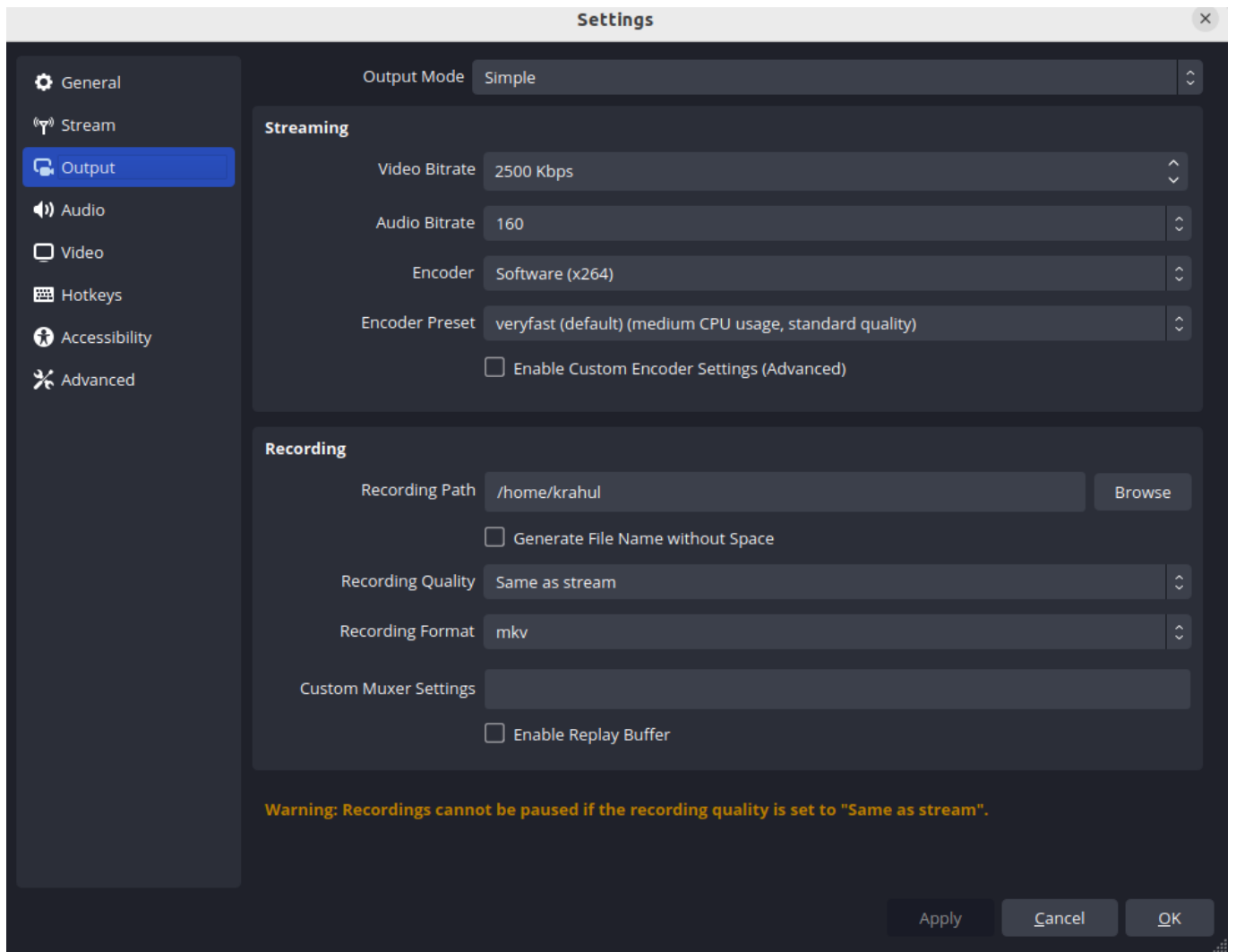
select Screen capture (Pipewire)



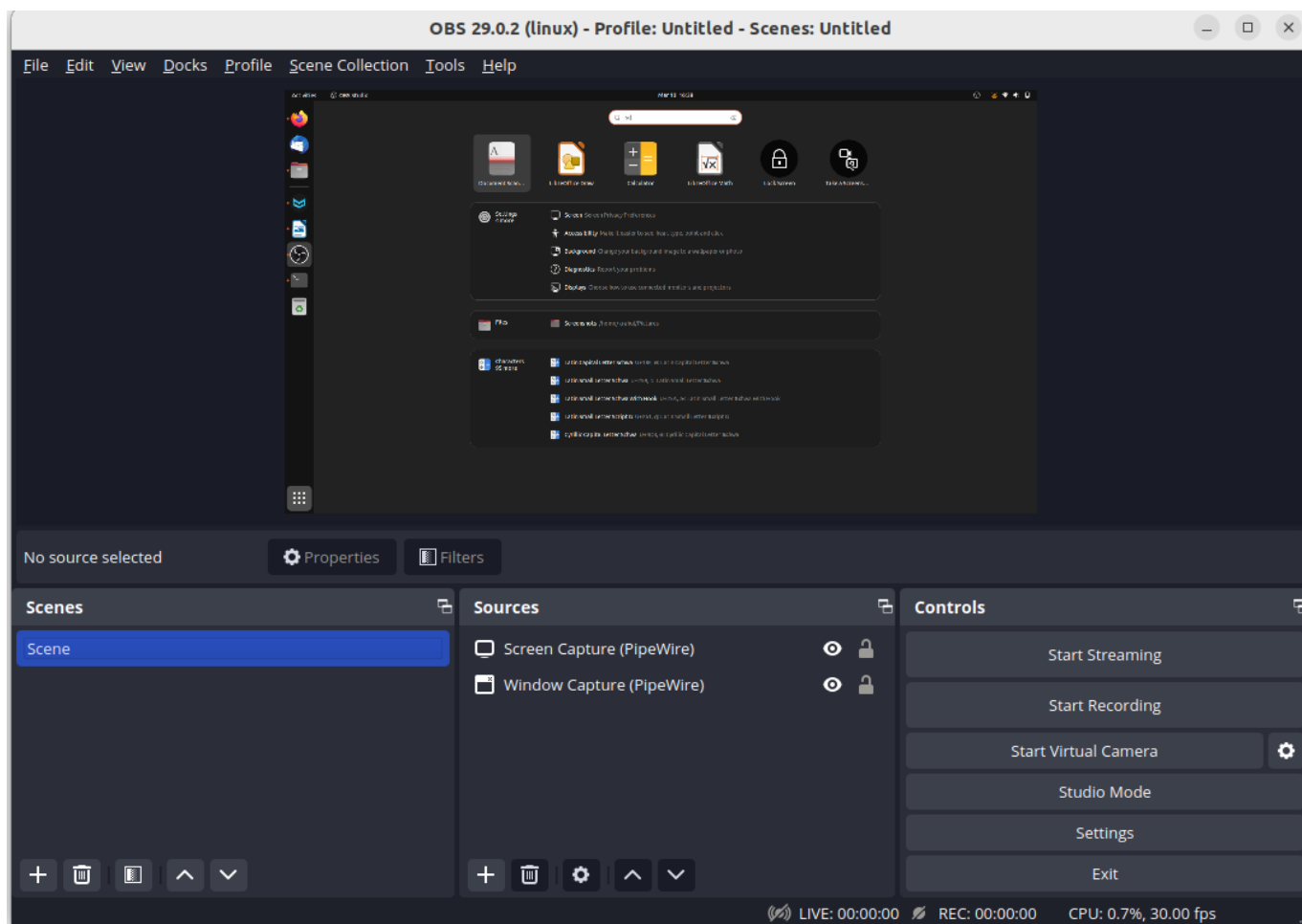
Then click on OK

Click on "Start Streaming"

Click on "Start Recording"

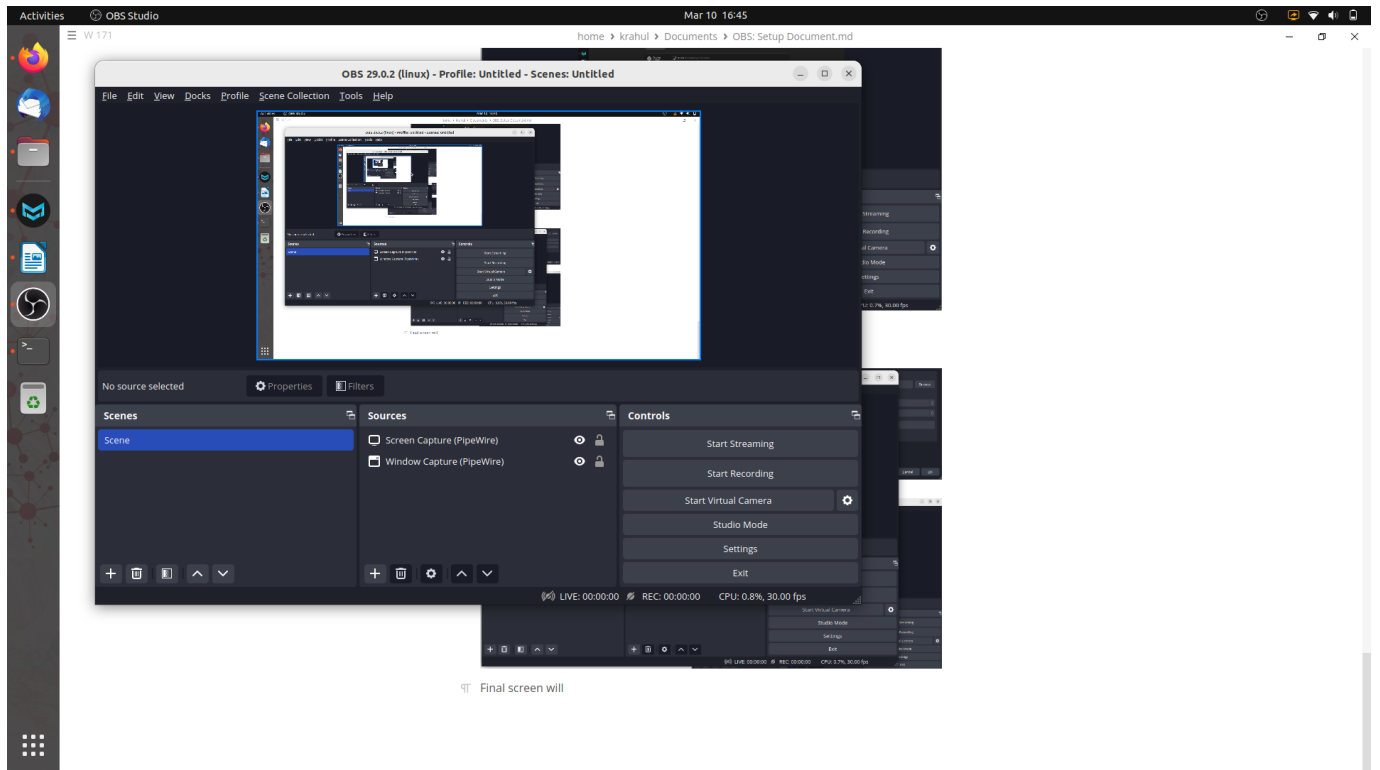


Output setting are as per the above screen



Remove all the screens only keep

"Scenes" , "Sources" and "Controls"



Final screen will be look like this.