



```
# cat Dockerfile
FROM python:3.11
WORKDIR /app
ENV PYTHONDONTWRITEBYTECODE 1
ENV PYTHONUNBUFFERED 1
COPY . /app
RUN pip install --upgrade pip
RUN pip install -r requirements.txt
EXPOSE 8000
CMD python manage.py runserver
```

```
# docker build -t django:1.0.0 .
```

FROM python:3.11

WORKDIR /app

ENV PYTHONDONTWRITE ...

ENV PYTHONUNBUFFED 1

COPY . /app

RUN pip install --upgrade pip

RUN pip install -r requir...

EXPOSE map[8000/tcp:{}]

CMD ["python" "manager.py" ...]

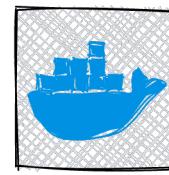
Writable container layer



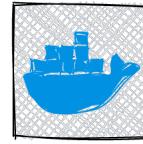
Linux box



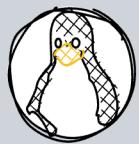
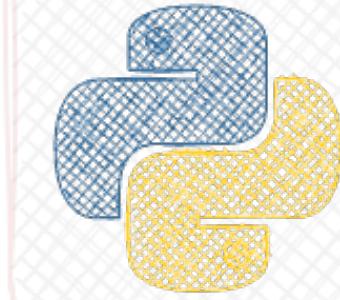
Linux box



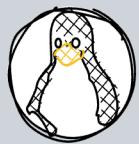
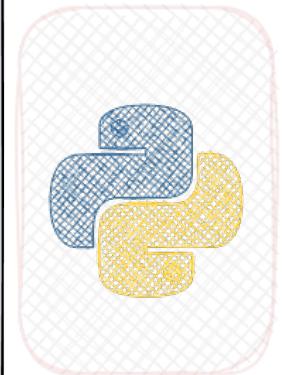
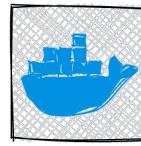
Linux box



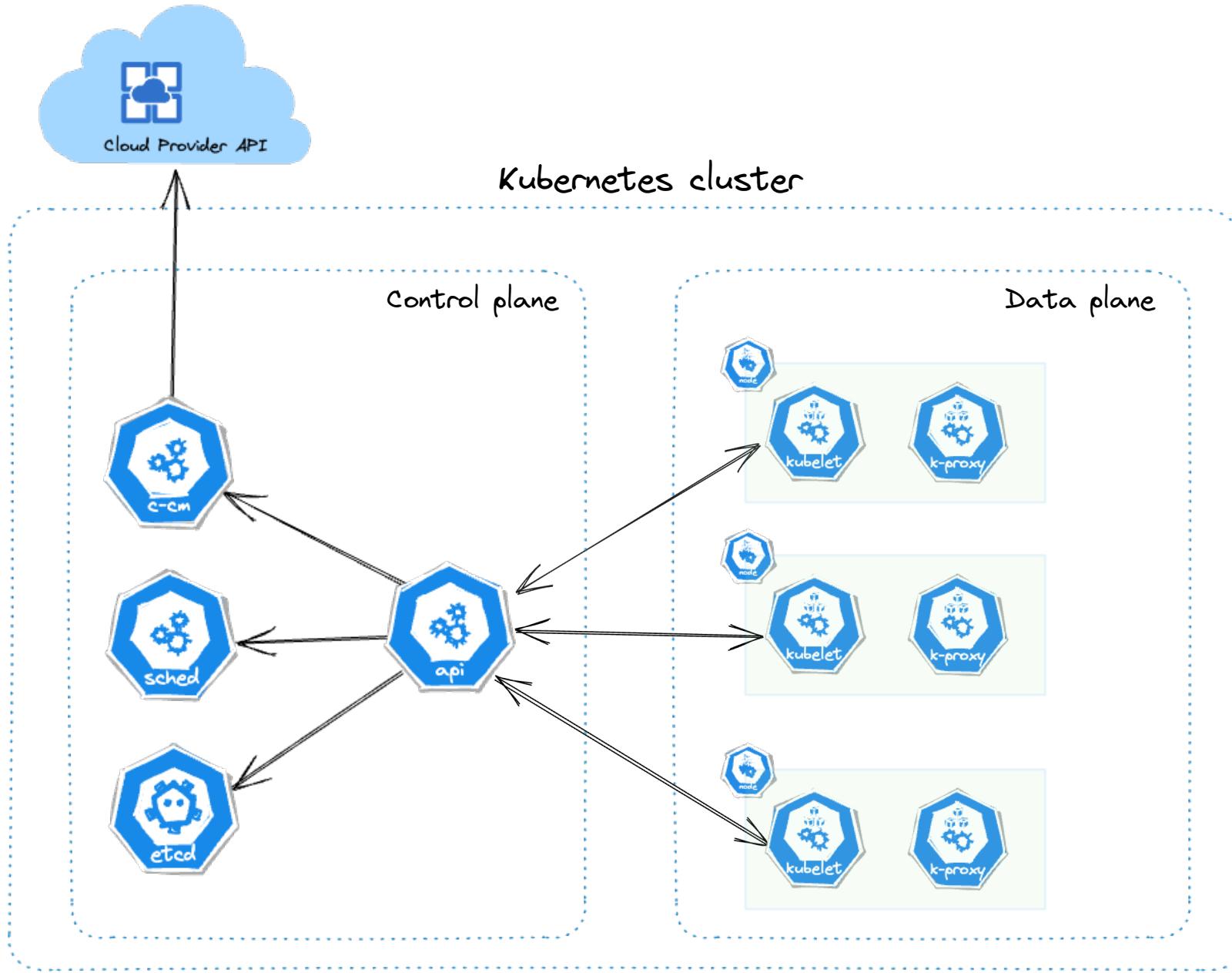
Namespace



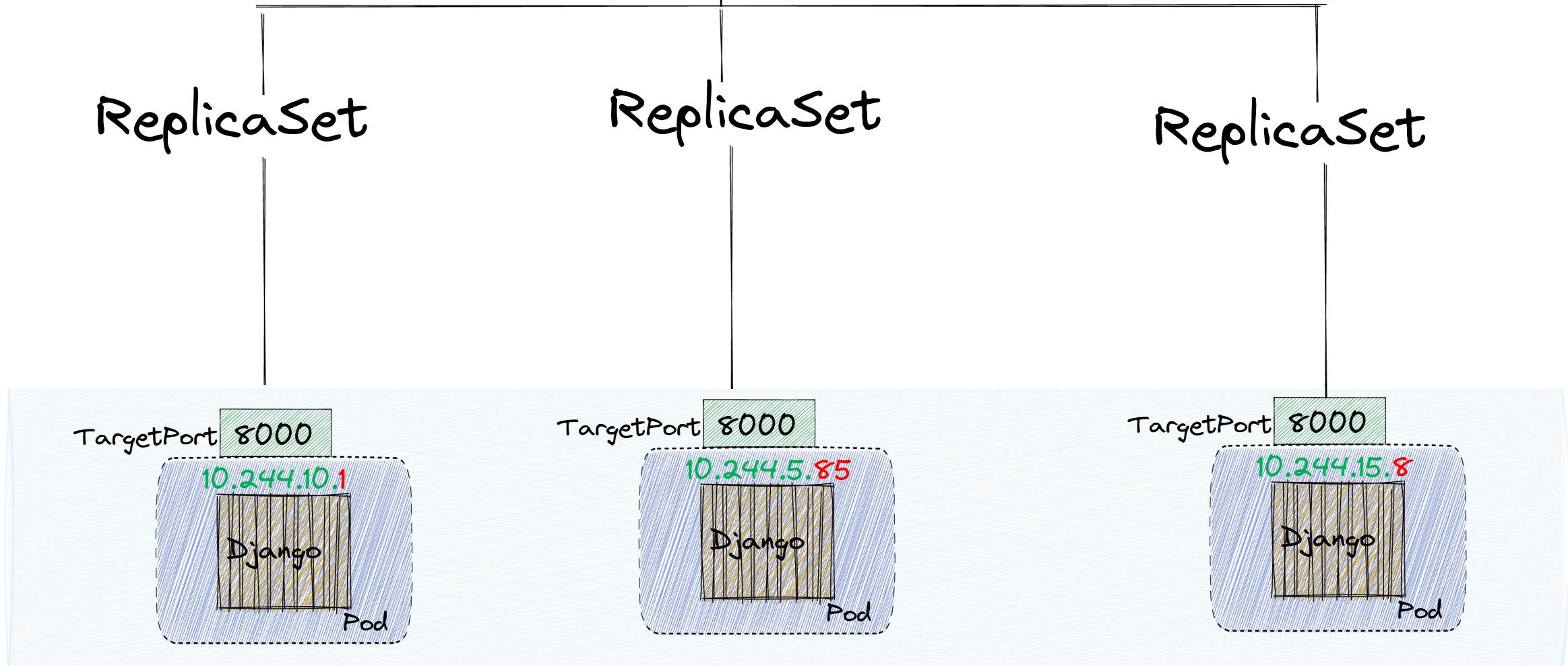
Linux box



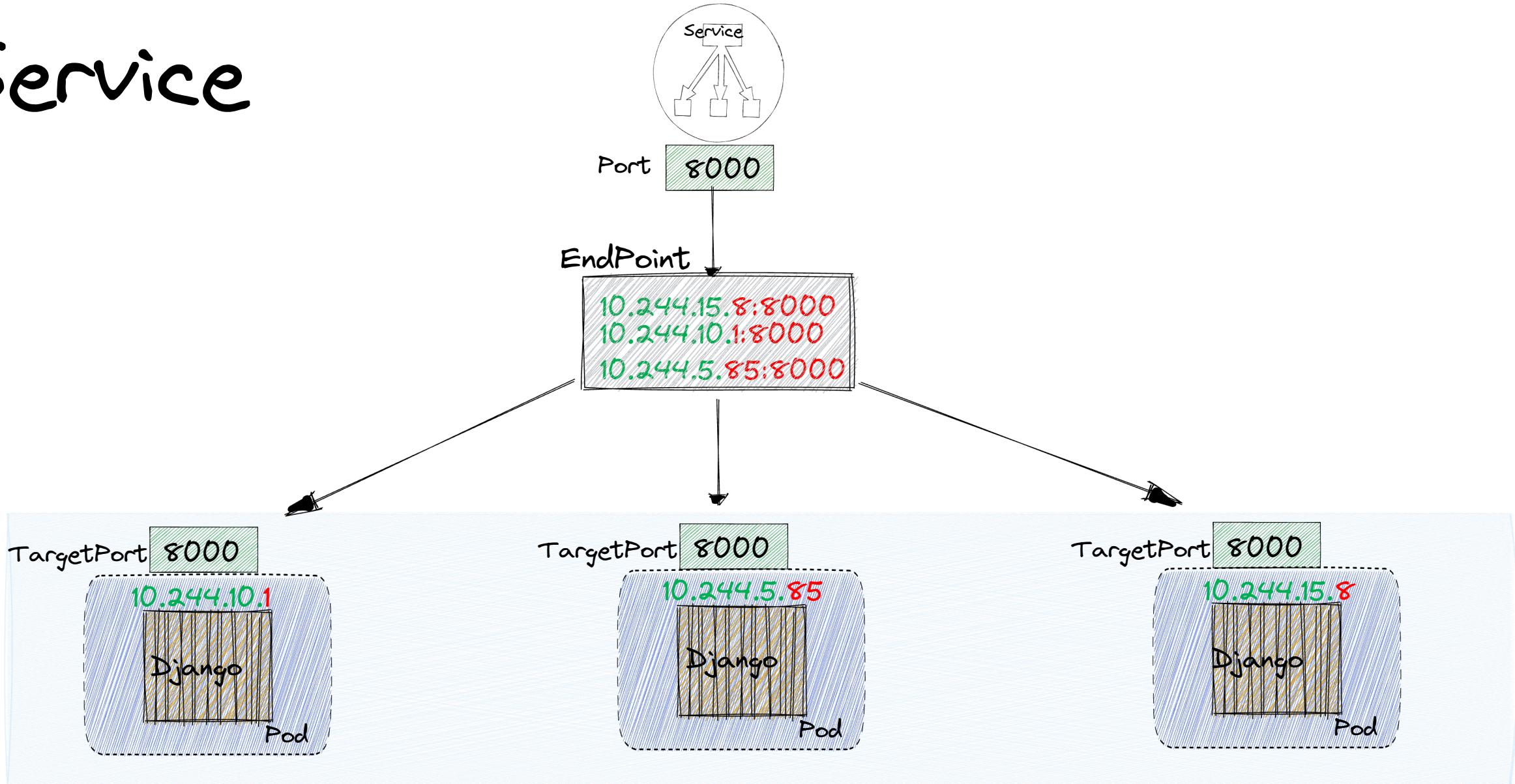




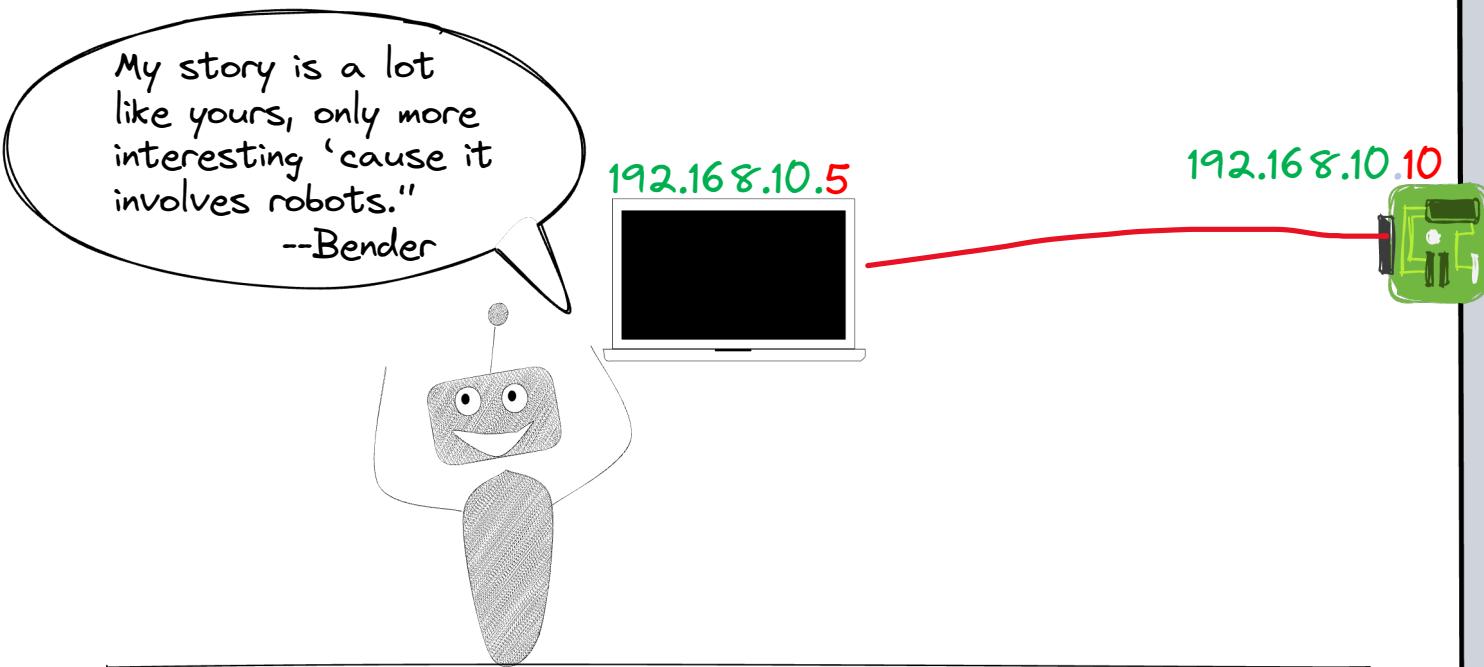
Deployment



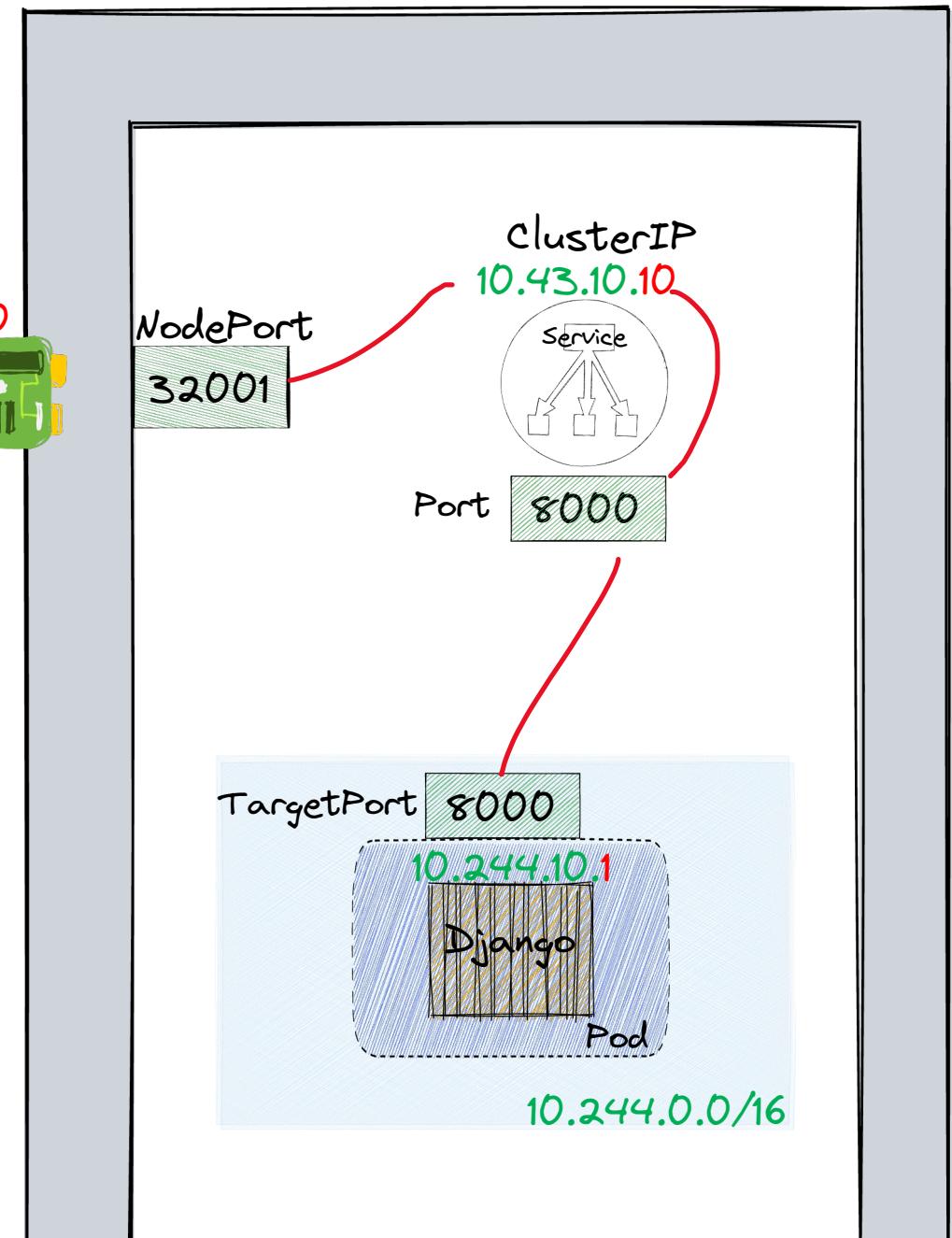
Service



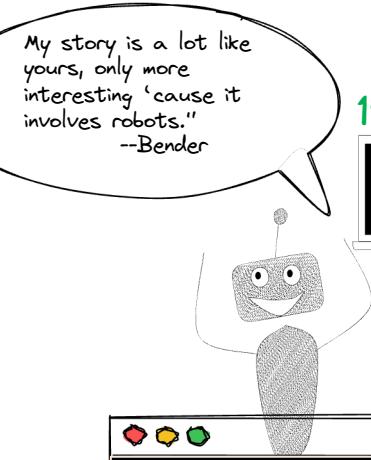
Service NodePort



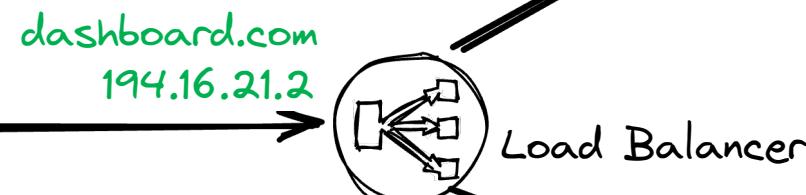
```
# curl http://192.168.10.10:32001
HTTP/1.1 200 OK
Server: nginx/1.27.0 (Ubuntu)
```



Service LoadBalancer



```
# curl http://dashboard.com
HTTP/1.1 200 OK
Server: nginx/1.27.0 (Ubuntu)
```



192.168.10.10
32001
10.43.10.10
8000

192.168.10.11
32001
10.43.10.10
8000

