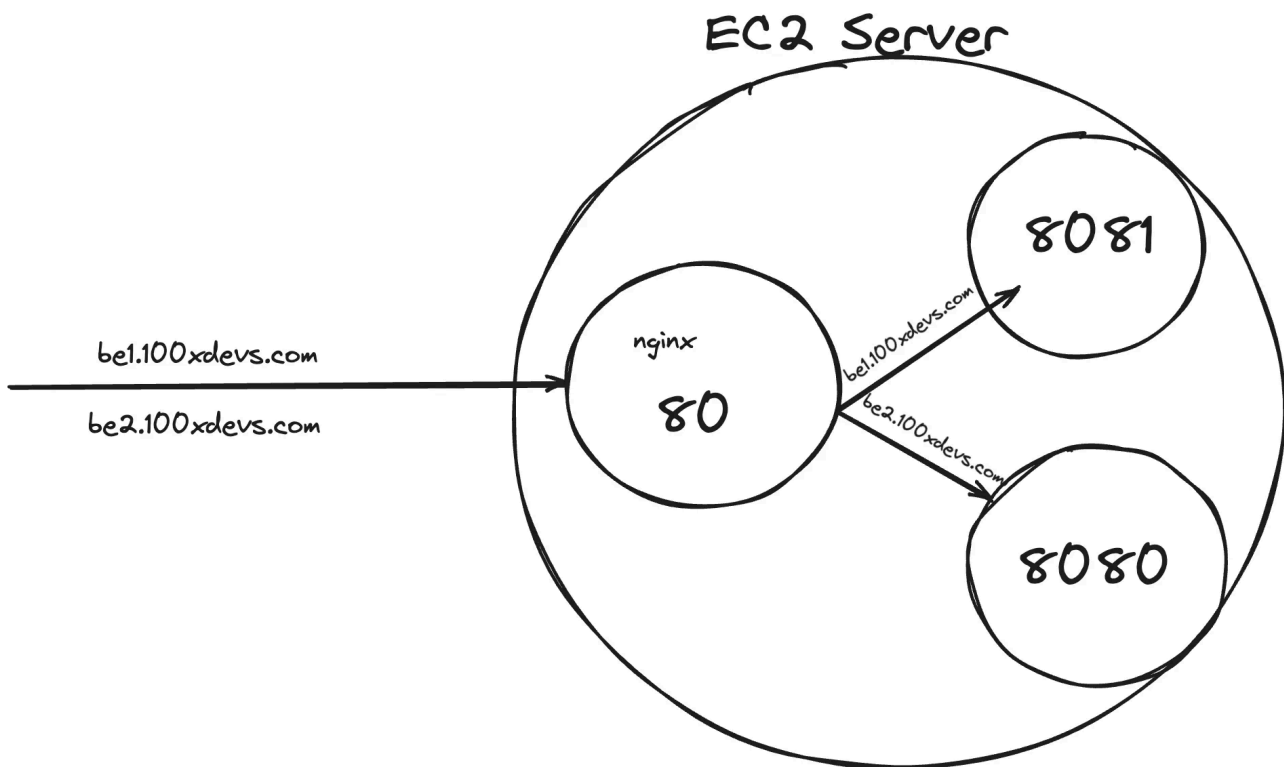


# Step 7 – nginx

<https://www.nginx.com/resources/glossary/nginx/>

**NGINX** is open source software for web serving, **reverse proxying**, caching, load balancing, media streaming, and more. It started out as a web server designed for maximum performance and stability. In addition to its HTTP server capabilities, NGINX can also function as a proxy server for email (IMAP, POP3, and SMTP) and a reverse proxy and load balancer for HTTP, TCP, and UDP servers.

## What is a reverse proxy?

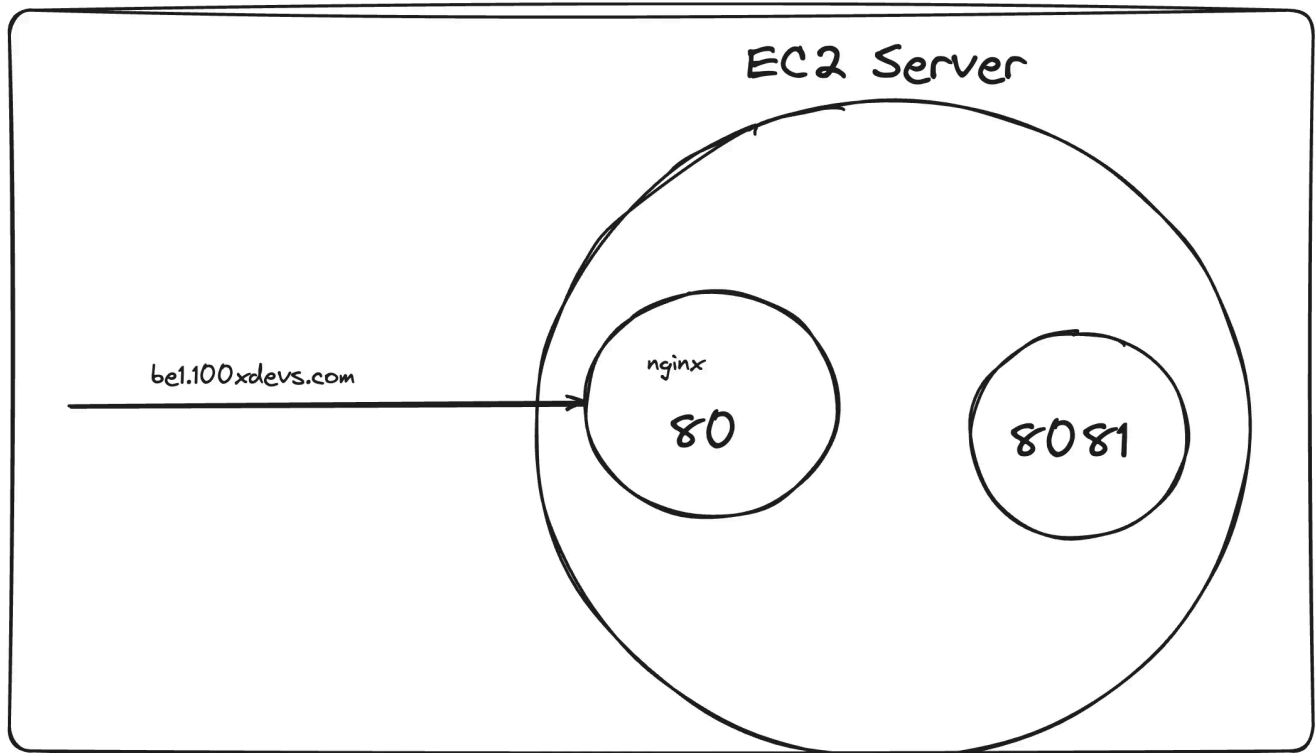


## Installing nginx

```
sudo apt update  
sudo apt install nginx
```

This should start a **nginx server** on port 80





## Create reverse proxy

```
sudo rm sudo vi /etc/nginx/nginx.conf
sudo vi /etc/nginx/nginx.conf
```

```
events {
    # Event directives...
}

http {
    server {
        listen 80;
        server_name be1.100xdevs.com;

        location / {
            proxy_pass http://localhost:8080;
            proxy_http_version 1.1;
            proxy_set_header Upgrade $http_upgrade;
            proxy_set_header Connection 'upgrade';
            proxy_set_header Host $host;
            proxy_cache_bypass $http_upgrade;
        }
    }
}
```

```
}  
}
```

```
sudo nginx -s reload
```

## Start the Backend server

```
node index.js
```

## Visit the website

<https://be1.100xdevs.com/>

