CREATE VIRTUAL HOST IN CENTOS

STEP 1: CONFIGURE VIRTUAL HOST

We have to create two directories called `sites-available` and `sites-enabled`. Apache store website in sites-available folder and Apache server website from sites-enabled folder. Let's make these folders:

```
sudo mkdir /etc/httpd/sites-available /etc/httpd/sites-enabled
```

Open `httpd.conf` file using this command:

```
sudo vi /etc/httpd/conf/httpd.conf
```

Add this line to the end of the file:

```
IncludeOptional sites-enabled/*.conf
```

After that let's make a configuration file in the sites-available directory:

```
sudo vi /etc/httpd/sites-available/example.com.conf
```

Now paste this configuration block:

```
<VirtualHost *:80>
    ServerName example.com
    ServerAlias www.example.com
    DocumentRoot /var/www/html/project-name/front/dist
</VirtualHost>

<VirtualHost *:3000>
     ServerName example.com
    ServerAlias www.example.com
    DocumentRoot /var/www/html/project-name/back/public
</VirtualHost>
```

> You maybe need some log file but here just basic

We have to create a symbolic link for each virtual host in the sites-enableddirectory:

```
sudo ln -s /etc/httpd/sites-available/example.com.conf /etc/httpd/sites-
enabled/example.com.conf
```

Our virtual host is configured and ready to serve.

STEP 2: Adjust SELinux Permissions

It's recommended to adjust SELinux permissions. Run this command to set universal permissions:

```
sudo setsebool -P httpd_unified 1
```

STEP 3: Test the Virtual Host

Restart the web server and visit the website to see the welcome message.

```
sudo systemctl restart httpd
```