**host react site into nginx and apache**

**Introduction:**

You can quickly deploy React applications to a server using the default Create React App build tool. The build script compiles the application into a single directory containing all of the JavaScript code, images, styles, and HTML files. With the assets in a single location, you can deploy to a web server with minimal configuration.

Prerequisites:

Need 4gb of memory.

Step 1: creating react project.

By using this commend

npx create react -app react- deploy



Text

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To start, create a new application using Create React App in your local environment.

File move in to project folder below given comment.

Cd react-deploy

Now that you have a base project, run it locally to test how it will appear on the server. Run the project using the npm start script

npm start

Text

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Graphical user interface, application

Description automatically generatedNow that you have a project that runs successfully in a browser, you need to create a production build. Run the create-react-app build script with the folling script.

npm run build

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Then move to CD build & then list.

**Then go to root user**:

* Cd /(to go root)
* Cd var/www
* Cp -a html/\* /home/sasidharan/

**Then delete a index.html(defualt) page**

* Rm -r index.html

@**Again go to root**

**Then copy a build directory**:

* Cd react-deploy
* Cp -a build/\* /var/www/html

Open a browser and navigate to http://localhost or IP\_addr:3000. You will be able to access the boilerplate React app:

Graphical user interface, application

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**How to deploy angular app in NGINX and APACHE**:

After installing a node.js (above installing steps)

Install nginx & apache:

* Apt update
* Apt-get install nginx or apache2
  + Ufw allow ‘apache’ or ‘nginx HTTP’
  + Ufw allow 4200

Then create new angular:

* Ng new angular(creating file name)
  + Cd angular(changing to createdfile)
  + Ng serve
  + Ng build –prod(dist will build)

Then run the angular then the **dist** folder is create in #angular directiory

Then list the dist folder and check it the files

Then copy the nginx or apache default page

cd /etc/nginx/sites-available/(there have default)

* cp -a var/www/html/\* /home/sasidharan

Then delete a default index.html page on Nginx & Apache

* rm -r index.html

Then copy the dist files to html on Nginx & apache

* **cp -a angular/dist/angular/\* /var/www/html**

finally the deploy a angular on Nginx and Apache got the output of angular side on web site