

EC2 and React Application :

The task is to deploy a Reactjs application on an ec2 instance. The instance used in the task is of Ubuntu operating system. The ec2 has configured with the necessary security group rules and then launched in the custom VPC region.

We need to run the web applications so need nodejs so install that using the curl

```
sudo yum update
```

```
sudo yum install node. js
```

```
curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash
```

```
. ~/.nvm/nvm.sh
```

```
nvm install --lts
```

```
nvm install 16
```

```
node --version
```

to create a react application named my-app

```
npx create-react-app my-app
```

we need to clone the git repository so install git

```
sudo yum install git
```

```
git clone https://github.com/snehal-herovired/Devops\_Batch\_Aditya
```

move to the amazonreact folder

```
cd Devops_Batch_Aditya
```

```
cd amazonreact
```

These starts the server so that we can see the application output. The Public IP of the instance followed by the port number at which the server is listening allows to visit the application through browser

```
npm install
```

```
npm run build
```

```
npm run start
```