Install and host Node.js on EC2 Instance.

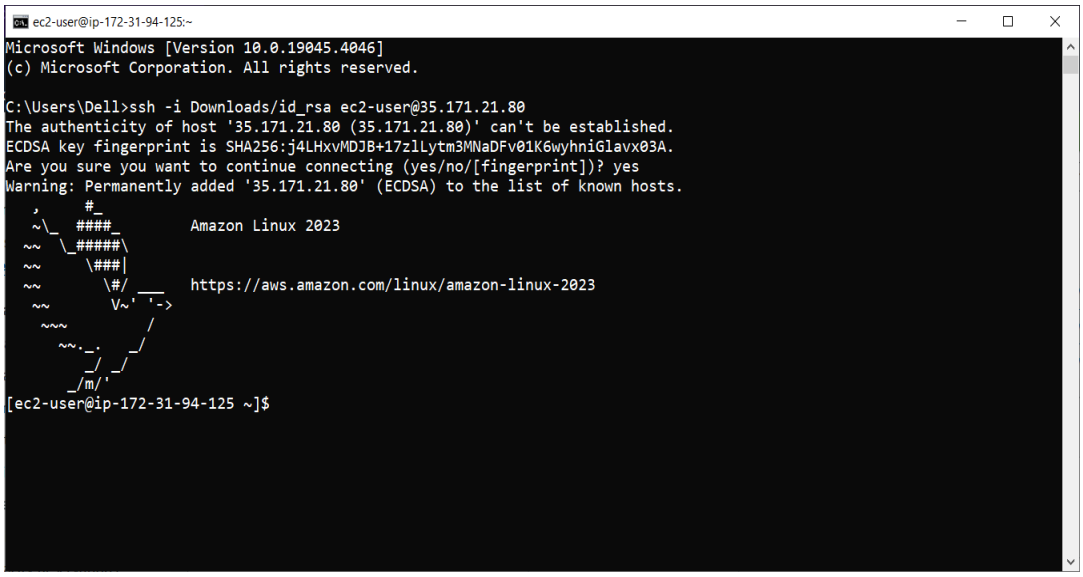
Step 1 : Launch EC2 instance.

Sign-in into your AWS account and go to the EC2 service console.

Select **Launch Instance** option, provide name for your instance and select the machine image you want. I am using an Ubuntu image for this task.

Next select the Key-Pair that you will use to connect to your instance. While adding the security group to your instance make sure that it allows the inbound traffic on port 22 for SSH and port 8080 and port 3000 for Node.js.

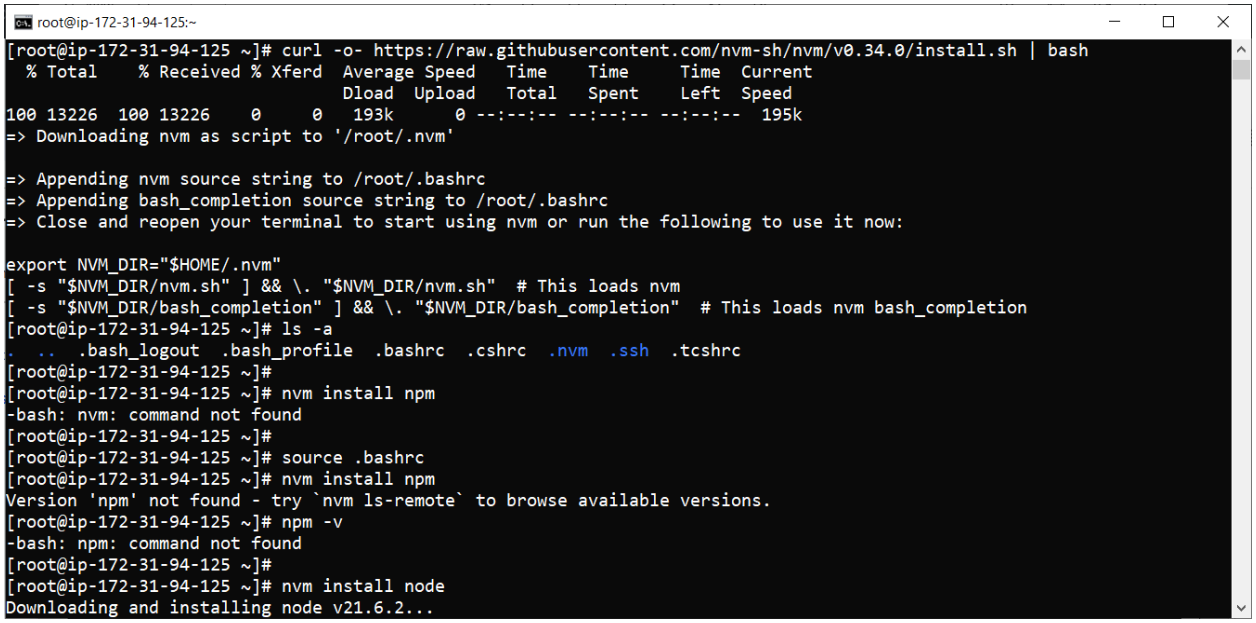
Click on **Launch Instance** to launch your instance. Once the instance is in running state, use any terminal to SSH into your EC2 Instance.



Step 2 : Install Node.js

Download Node Version Manager(NVM) using following command. We will need NVM to install Node Package Manager(NPM) and Nodejs on our instance.

curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.34.0/install.sh | bash



Navigate to .nvm directory and start NVM by running following command.

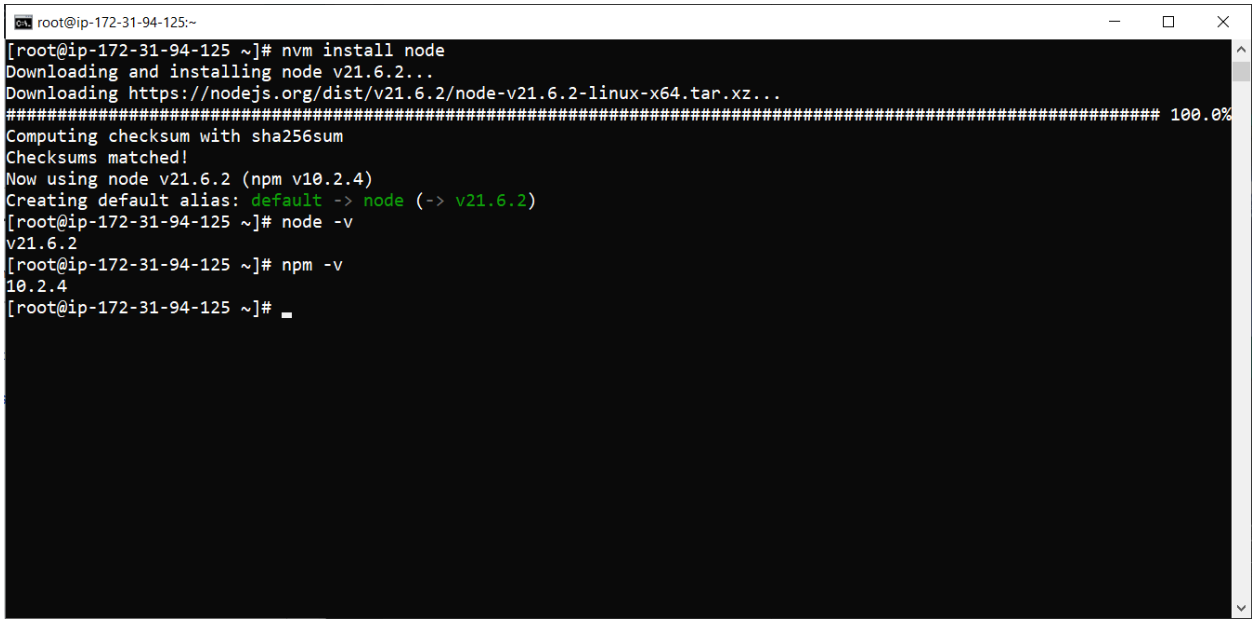
bash nvm.sh

Now refresh the .bashrc file to apply the changes using following command.

source .bashrc

Install nodejs using NVM, run following command to install nodejs.

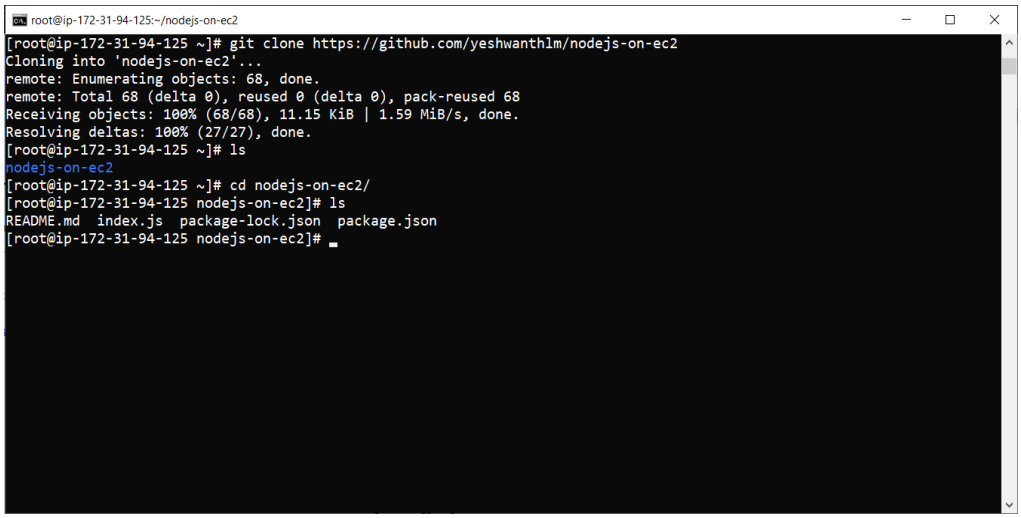
nvm install node



Step 3 : Download the code and start nodejs.

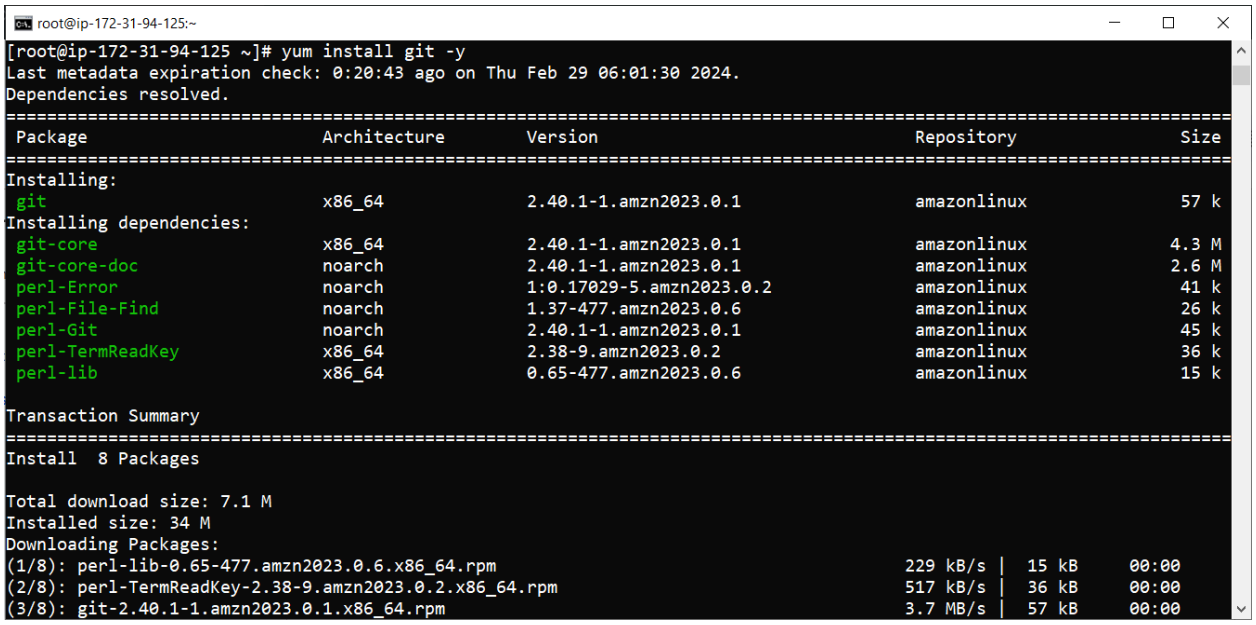
Download a simple node-js server side code from github. Clone the github repository using following command.

git clone https://github.com/yeshwanthlm/nodejs-on-ec2



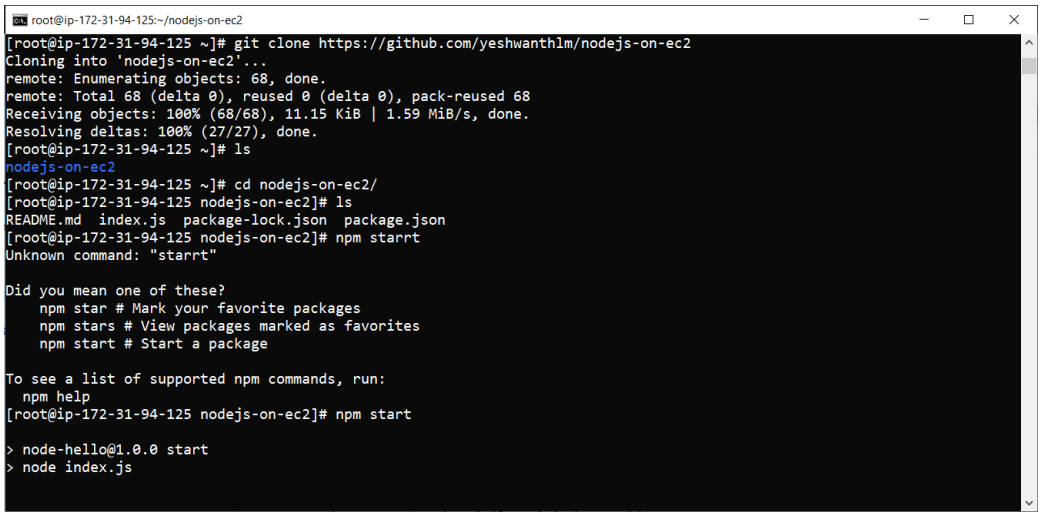
If git is not installed on your system, first install git by running following command and then clone the repository.

yum install git -y



Now navigate to downloaded repository, and run following command to start nodejs server.

npm start



Copy Public IP of EC2 instance and paste it in search bar of your browser to check if nodejs is working.