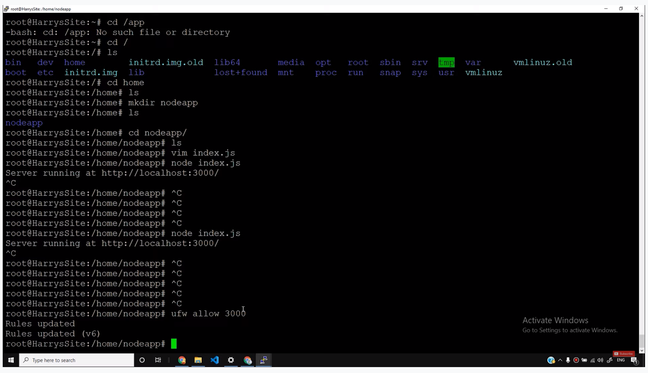
Hosting Tutorial: Deploy NodeJs Apps in Production on Linux VPS | Web Development Tutorials#97

Hosting Tutorial- Deploy NodeJs Apps in Production on Linux VPS

In the last tutorial, we have discussed how to host multiple websites on a single server. Moving further, in this tutorial, we will see how to deploy our NodeJs websites. Since, we have learned backend in NodeJs, therefore, we will learn how to deploy the websites in NodeJs.

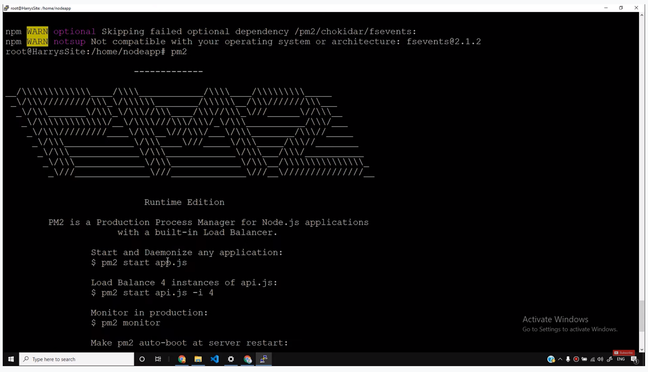
To begin, we need to install and launch NodeJs by writing the command ***apt update*** followed by ***apt install nodejs***. Then we need to install the npm by writing the command ***node install npm***. We also need to install the build *package* by writing ***node install build package*** to build any type of package.

To test the server, we can write ***curl hello world***. To open the site on the port 3000, we need to write the command ***ufw allow 3000***. And now we, get the output as follows-



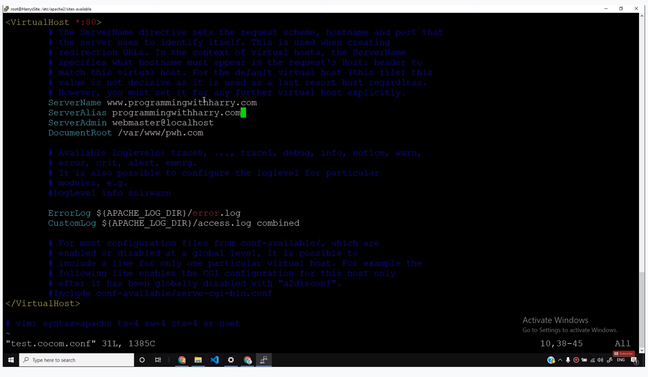
But the problem here arises that once we shut down the system, the port gets disconnected. The solution for this is we need to write the command as ***node index.js &***. Although this is not the practical process.

So the next solution is the use of *PM2*. To install PM2, we need to write ***npm install pm2@latest -g***. Once it get installed, you will get the output as follows-



We should always avoid logging in with the root user. Rather, we can make us as the root user and then log into the server. It is recommended to follow so that you can be saved with hacking.

Now to connect the domain with the server, we need either Apache or Nginx as a response proxy server. To install the apache modules, we have to write as follows-



Now in the place of *domain.com*, we need to write programmingwith*harry.com*. Then enable the nodemon. If we write ***curl localhost: 3000*** and we will get the output as follows.

So I hope you must have understood how to deploy NodeJs and host your website on the Digital Ocean server. Now you can host different files for better practice.

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