

DISPLAY và DNS puppeteer trên vagrant virtualbox

Lỗi thường gặp:

- **Missing X server or \$DISPLAY**
- **Unable to open X display**
- **Could not find Chrome (ver.....)**

```
npm install puppeteer
```

```
sudo apt-get install libnss3-dev
```

```
sudo apt-get install -y gconf-service libasound2 libatk1.0-0 libc6 libcairo2 libcups2 libdbus-1-3 libexpat1  
libfontconfig1 libgcc1 libgconf-2-4 libgdk-pixbuf2.0-0 libglib2.0-0 libgtk-3-0 libnspr4 libpango-1.0-0 libpangocairo-  
1.0-0 libstdc++6 libx11-6 libx11-xcb1 libxcb1 libxcomposite1 libxcursor1 libxdamage1 libxext6 libxfixed3 libxi6  
libxrandr2 libxrender1 libxss1 libxtst6 ca-certificates fonts-liberation libappindicator1 libnss3 lsb-release xdg-  
utils wget libgbm-dev
```

```
sudo apt-get install -y xvfb
```

```
sudo apt-get -y install xorg xvfb gtk2-engines-pixbuf
```

```
sudo apt-get -y install dbus-x11 xfonts-base xfonts-100dpi xfonts-75dpi xfonts-cyrillic xfonts-scalable
```

```
sudo apt-get -y install imagemagick x11-apps
```

```
Xvfb -ac :99 -screen 0 1280x1024x16 &  
export DISPLAY=:99
```

Lỗi DNS error:

- **ERR! code EAI_AGAIN**
- **ERR! request to <https://registry.npmjs.org/puppeteer> failed, reason: getaddrinfo EAI_AGAIN registry.npmjs.org**

```
npm config rm proxy  
npm config rm https-proxy --tried removing npm proxy  
sudo vi /etc/resolv.conf
```

Thêm dns name resolver vào, bên dưới nameserver đầu tiên:

```
nameserver 127.0.0.53  
nameserver 192.168.1.11  
  
options edns0 trust-ad
```

Ref:

<https://stackoverflow.com/questions/60304251/unable-to-open-x-display-when-trying-to-run-google-chrome-on-centos-rhel-7-5>

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