

# Install The Latest Node.js And NPM Packages On Ubuntu 16.04 / 18.04 LTS

Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine....

Chrome V8 engine is a Google's open source high-performance JavaScript engine written in C++ and used in Google Chrome, the open source projects....

V8 engine works on Windows and Linux systems... and can be used to build fast and scalable applications...

This brief tutorial is going to show students and new users how to easily install the latest Node.js and NPM packages on Ubuntu 16.04 / 18.04 LTS servers...

Although Node.js comes in Ubuntu default repositories, if you want to get the latest version, you'll have to add its official PPA...

For more about Node.js, please visit the project's homepage (<https://nodejs.org/en/>)...

To get started with install Node.js and NPM, follow the steps below:

## Step 1: Add Node.js PPA

Before installing the latest version of Node.js, you must add its PPA to Ubuntu...

This repository is provided by the official package maintainer... To add the repository, run the commands below....

```
sudo apt install curl
```



There are two repositories you can install... one repository contains the latest Node.js packages and the other has the LTS or (Long Term Support) packages.... if you need the latest and greatest, then install the first repository...

On the other hand, if you need a more stable and tested Node.js packages, then install the LTS repository....

Then for the **Latest** release, add this PPA..

```
curl -sL https://deb.nodesource.com/setup_10.x | sudo bash -
```

To install the **LTS** release, use this PPA

```
curl -sL https://deb.nodesource.com/setup_8.x | sudo bash -
```

After that, you can now install latest version of Node.js from the particular repository you choose... If you add both repositories, the latest version of Node.js will be installed and not the LTS...

## Step 2: Install Node.js and NPM

To install, run the commands below

```
sudo apt install nodejs
```

After installing, both Node.js and NPM modules should be installed and ready to use....

You can use the commands below to view the version number installed....

```
node -v  
npm -v
```



To test whether the web server is properly installed, run the commands below to create a test file called **http\_server.js** in your home folder...

```
cd ~/
nano http_server.js
```

Then copy and paste the content below into the file and save....

```
const http = require('http');

const hostname = '127.0.0.1';
const port = 3000;

const server = http.createServer((req, res) => {
  res.statusCode = 200;
  res.setHeader('Content-Type', 'text/plain');
  res.end('Hello World\n');
});

server.listen(port, hostname, () => {
  console.log(`Server running at http://${hostname}:${port}/`);
});
```

After that save the file and run the commands below to start the server....

```
node http_server.js
```

You should see an output that reads:

*Server running at http://127.0.0.1:3000/*

Now open your browser and browse to the server hostname or IP address followed by port **3000**... and you should see a default page with Hello World

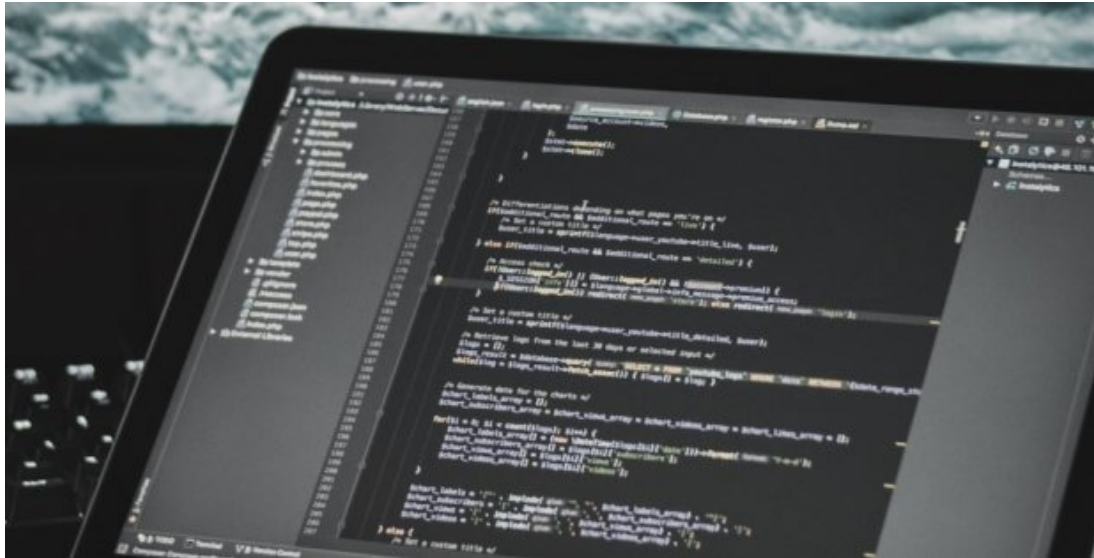
**http://localhost:3000**



Enjoy!

You may also like the post below:





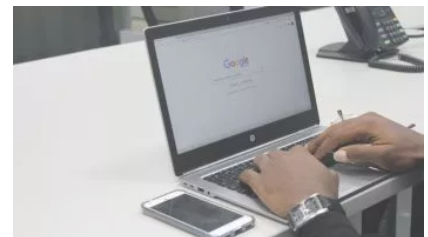
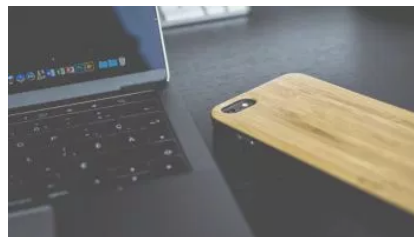
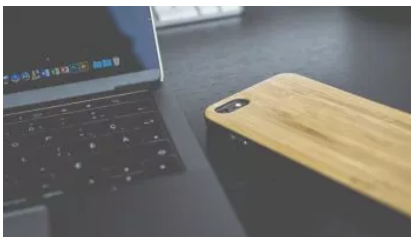
## Install Habari CMS on Ubuntu 16.04 / 18.04 with Apache2, MariaDB and PHP 7.2

Habari is a modern, nimble and powerful next-generation Content Management System (CMS) and application framework that has everything you need to build great websites.... This open source CMS is built on the LAMP or LEMP stack and it's extensible, scalable, and able to handle high load traffic..... Whether you're creating a personal or business website, Habari ... Continue reading



Website for Students

0



(<https://websiteforstudents.com/how-to-install-node-js-and-npm-on-ubuntu-16-04-18-04-via-apt-and-snap/>)

to-install-node-js-and-npm-on-ubuntu-16-04-18-04-via-apt-and-snap/)

How to Install Node.js and NPM on Ubuntu 16.04 / 18.04 via APT and SNAP

(<https://websiteforstudents.com/how-to-install-node-js-and-npm-on-ubuntu-16-04-18-04-lts/>)

apostrophe-cms-on-ubuntu-16-04-18-04-lts/)

Install Apostrophe CMS on Ubuntu 16.04 / 18.04 LTS

(<https://websiteforstudents.com/install-apostrophe-cms-on-ubuntu-16-04-18-04-lts/>)

01/09/2019

In "Applications"

flint-cms-node-js-on-ubuntu-16-04-18-04/)

Install Flint CMS (Node.js) on Ubuntu 16.04 / 18.04

(<https://websiteforstudents.com/install-flint-cms-node-js-on-ubuntu-16-04-18-04/>)

03/12/2019

In "Applications"



on-ubuntu-16-04-18-04-via-  
apt-and-snap/)  
01/07/2019  
In “Applications”

---

♥ Node.js (<https://websiteforstudents.com/tag/node-js/>) ,  
NPM (<https://websiteforstudents.com/tag/npm/>) ,  
Ubuntu 16.04 LTS (<https://websiteforstudents.com/tag/ubuntu-16-04-lts/>) ,  
Ubuntu 18.04 (<https://websiteforstudents.com/tag/ubuntu-18-04/>)

## 29 Replies to “Install the Latest Node.js and NPM Packages on Ubuntu 16.04 / 18.04 LTS”

**Dee** says:

08/07/2018 at 10:17 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-9402>)

Thank you so much !!!

little correction to view the version of npm type npm -v

^^

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?  
replytocom=9402#respond)

---

**Fernando López Moreno** says:

10/14/2018 at 5:43 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10329>)

Thanks for the tutorial. Now I have installed node in Ubuntu 18.04.

★ Loading...



Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=10329#respond)

---

**Auckland Junior Dev** says:

10/14/2018 at 8:05 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10352>)

Great tutorial, very direct for the helping achieve question that comes up in search.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=10352#respond)

---

**Hemn Mov** says:

10/18/2018 at 2:33 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10476>)

thank u so much!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=10476#respond)

---

Pingback: Docker with nodejs in 7 steps : Nodejs Microservices Tutorial (<http://www.thenextfact.com/docker-with-nodejs-in-7-steps/>)

---

Pingback: Learn Docker with Nodejs in 7 simple steps : Nodejs Microservices Tutorial (<http://www.thenextfact.com/learn-docker-with-nodejs-in-7-simple-steps/>)

---

**Shahzaib Khan** says:

10/24/2018 at 4:15 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10646>)



good work appreciated. THanks for helping out.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?  
replytocom=10646#respond)

---

**Bryan says:**

10/29/2018 at 4:40 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10800>)

Thanks! Awesome write-up. This is probably a newbie question: what is the difference between “apt install” and “apt-get install”? I couldn’t do “sudo apt install curl” but “sudo apt-get install curl” worked ok.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?  
replytocom=10800#respond)

---

**Ghalib Ahmad says:**

12/10/2018 at 8:06 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11860>)

The former is a Ubuntu 18 inclusion whereas the latter should still work for both Ubuntu 18.04 and earlier versions i.e 16.04 LTS

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?  
replytocom=11860#respond)

---

**Spinner says:**

01/16/2019 at 7:04 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-13042>)

Great answer

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?  
replytocom=13042#respond)





**Gubs says:**

10/30/2018 at 6:48 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-10809>)

Thank you

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=10809#respond)

---

**Jusf says:**

11/13/2018 at 6:50 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11100>)

Fantastic!!! Great article.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11100#respond)

---

**JP says:**

11/14/2018 at 10:43 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11128>)

It was a great article, just adding something, when node is installed this is not installing by default npm then I had to install it  
'sudo apt install npm'

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11128#respond)

---

**PeterL says:**

11/16/2018 at 12:21 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11158>)



You don't need the "sudo" in "sudo nano http\_server.js" and "sudo node http\_server.js".

Just:

```
nano http_server.js
```

```
node http_server.js
```

Also, with Ubuntu 18.04, you don't need to "Step 1: Add Node.Js PPA"; just do this:

```
sudo apt-get install nodejs npm
```

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11158#respond)

---

**Chris** says:

11/21/2018 at 4:56 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11242>)

Thank you. You make this novice's life so easy

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11242#respond)

---

**Shammi Hans** says:

11/29/2018 at 1:27 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11583>)

adding to PPA sections didn't worked, also installed node bt node was still not found as command, so executed "sudo apt install nodejs-legacy" & "sudo apt install npm" then it worked for both "node -v" & "npm v"

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11583#respond)

---



**Shammi Hans says:**

11/29/2018 at 1:27 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11584>)

Thanks BTW

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11584#respond)

---

**Pablo says:**

12/09/2018 at 6:18 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11819>)

Thanks very much; very helpful!!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11819#respond)

---

**Tirta says:**

12/09/2018 at 7:01 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-11822>)

Thank you so much.

This works perfectly

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=11822#respond)

---

**Gideon says:**

12/17/2018 at 4:46 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-12036>)

Thanks .it helped me!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=12036#respond)



**Aravinda says:**

12/18/2018 at 6:55 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-12059>)

Thank you very much. very helpful.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=12059#respond)

**Kjell Eriksson says:**

12/27/2018 at 6:56 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-12342>)

Hi. I got stuck at the point ; copy and paste into file” the following instructions -const http = require('http');

```
const hostname = '127.0.0.1';
```

```
const port = 3000;
```

```
const server = http.createServer((req, res) => {
```

```
  res.statusCode = 200;
```

```
  res.setHeader('Content-Type', 'text/plain');
```

```
  res.end('Hello World\n');
```

```
});
```

```
server.listen(port, hostname, () => {
```

```
  console.log(`Server running at http://$ (http://$){hostname}:${port}/`);
```

```
});
```

What file, where and how?

I am NOT used to go in to terminal! So I prefer to ask even questions that more advanced users may consider completely stupid!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=12342#respond)



**FangerZero says:**

01/04/2019 at 7:52 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-12661>)

@Kjell When you do the “sudo nano http\_server.js” it should have created a file and put you in a “Vim” like editor if you then copy what you need to put into the file, and hit CTRL+X to exit, it’ll ask you if you want to save it Hit Y and ENTER and it should take you back to the regular terminal.

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=12661#respond)

---

**Hossam says:**

01/23/2019 at 7:13 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-13193>)

Thank you so much

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=13193#respond)

---

**Varun Indoria says:**

01/24/2019 at 8:40 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-13214>)

Thanks a lot really a great help!!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=13214#respond)

---

Pingback: h2 – Linux-palvelimet, kevät 2019  
(<https://a1700360.wordpress.com/2019/01/28/h2/>)

---

**Khashaa says:**

02/02/2019 at 7:07 AM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-15046>)

Thank you very much!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=15046#respond)

---

**Sandeep Ganesana** says:

02/25/2019 at 11:58 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-19486>)

Really Precise answer. Appreciate your work! Thanks!!!

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=19486#respond)

---

**Di Sarli (Http://Disarli.Com.Br)** says:

02/27/2019 at 12:39 PM (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/#comment-19738>)

Thanks, great article.

If you installing in a server to expose the port 3000, you must change your code from: `const hostname = '127.0.0.1';`

to: `hostname = '0.0.0.0';`

Cheers

★ Loading...

Reply (/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/?replytocom=19738#respond)

---

## Leave a Reply

Your email address will not be published. Required fields are marked \*

**Comment**



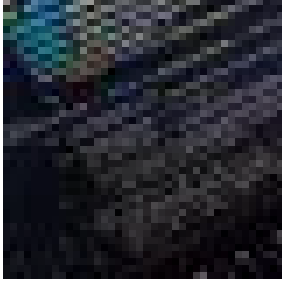
**Name \*****Email \*****Website**☐**Notify me of follow-up comments by email.**☐**Notify me of new posts by email.****Post Comment**

This site uses Akismet to reduce spam. [Learn how your comment data is processed \(https://akismet.com/privacy/\)](https://akismet.com/privacy/).



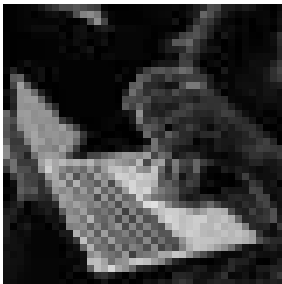


## Currently Trending



(<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/>)

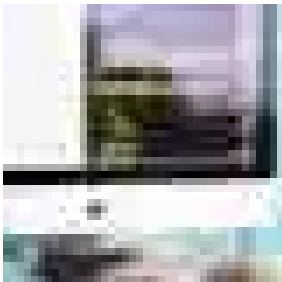
Install the Latest Node.js and NPM Packages on Ubuntu 16.04 / 18.04 LTS (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/>)



(<https://websiteforstudents.com/connect-to-ubuntu-16-04-17-10-18-04-desktop-via-remote-desktop-connection-rdp-with-xrdp/>)

Connect to Ubuntu 16.04 / 17.10 / 18.04 Desktop via Remote Desktop Connection (RDP) with Xrdp

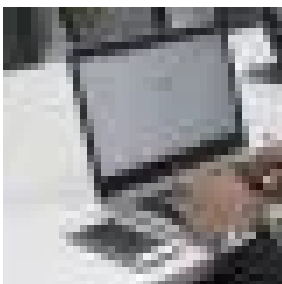
(<https://websiteforstudents.com/connect-to-ubuntu-16-04-17-10-18-04-desktop-via-remote-desktop-connection-rdp-with-xrdp/>)



(<https://websiteforstudents.com/configure-static-ip-addresses-on-ubuntu-18-04-beta/>)

Configure Static IP Addresses on Ubuntu 18.04 LTS Server

(<https://websiteforstudents.com/configure-static-ip-addresses-on-ubuntu-18-04-beta/>)



(<https://websiteforstudents.com/install-proprietary-nvidia-gpu-drivers-on-ubuntu-16-04-17-10-18-04/>)

Install Proprietary Nvidia GPU Drivers on Ubuntu 16.04 / 17.10 / 18.04 (<https://websiteforstudents.com/install-proprietary-nvidia-gpu-drivers-on-ubuntu-16-04-17-10-18-04/>)



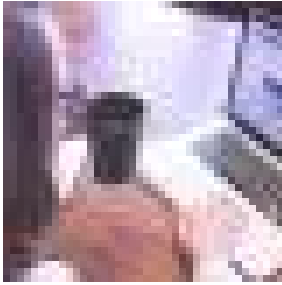
(<https://websiteforstudents.com/how-to-install-eclipse-oxygen-ide-on-ubuntu-16-04-17-10-18-04/>)

How to Install Eclipse Oxygen IDE on Ubuntu 16.04 / 17.10 / 18.04 (<https://websiteforstudents.com/how-to-install-eclipse-oxygen-ide-on-ubuntu-16-04-17-10-18-04/>)

(<https://websiteforstudents.com/install-adobe-flash-player-on-ubuntu-18-04-lts-beta-desktop/>)







**Install Adobe Flash Player on Ubuntu 18.04 LTS Desktop**  
(<https://websiteforstudents.com/install-adobe-flash-player-on-ubuntu-18-04-lts-beta-desktop/>)

---



(<https://websiteforstudents.com/access-ubuntu-18-04-lts-beta-desktop-via-vnc-from-windows-machines/>)

**Enable Screen Sharing on Ubuntu 18.04 LTS Desktop via VNC from Windows Machines** (<https://websiteforstudents.com/access-ubuntu-18-04-lts-beta-desktop-via-vnc-from-windows-machines/>)

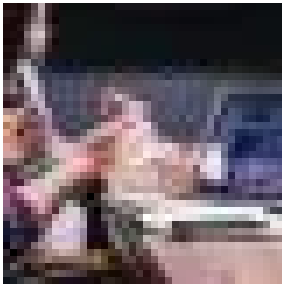
---



(<https://websiteforstudents.com/switch-static-ip-address-ubuntu-17-04-17-10/>)

**Switch to Static IP Address on Ubuntu 17.04 / 17.10**  
(<https://websiteforstudents.com/switch-static-ip-address-ubuntu-17-04-17-10/>)

---



(<https://websiteforstudents.com/how-to-install-anydesk-on-ubuntu-16-04-17-10-18-04-desktop/>)

**How to Install AnyDesk on Ubuntu 16.04 / 17.10 / 18.04 Desktop**  
(<https://websiteforstudents.com/how-to-install-anydesk-on-ubuntu-16-04-17-10-18-04-desktop/>)

---

**Privacy Policy** (<https://websiteforstudents.com/privacy-policy/>)

© 2018 WEBSITE FOR STUDENTS

