Create VPN for free

-SaiVivek Cherukuri
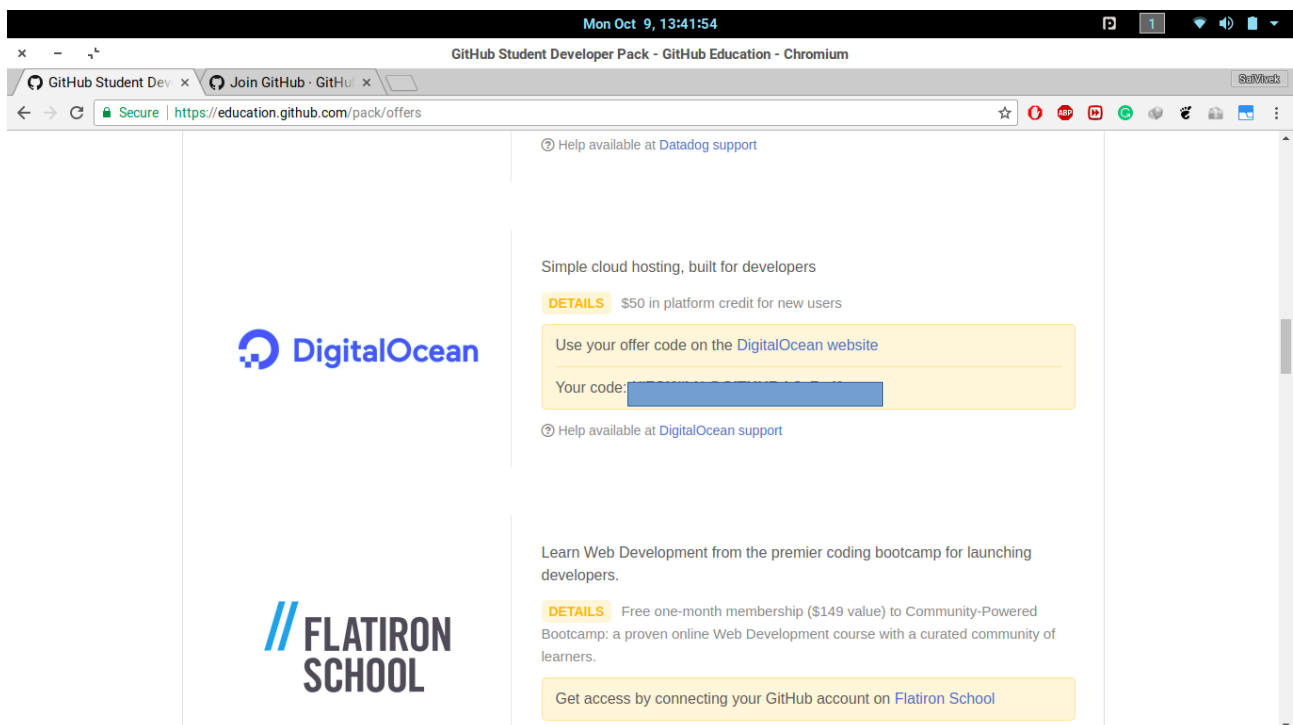
Step 1) Getting Digital Ocean Credit:

Create a github id using email provided by college.
URL : https://github.com/join?source=header-home

 Goto URL: https://education.github.com/pack/offers (login using id you created above).

Scroll down till you find

Copy your code in the highlighted region.

Step 2) Redeeming Digital Ocean Credit:

Create Digital Ocean Id:

URL https://cloud.digitalocean.com/registrations/new

After verifying you will be prompted to enter billing info.

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Enter all the billing information including credit card information.

Click on "Have a Promo Code?" and enter the code you get from step 1

That gives you $50 credit with which you can run server.

Step 3) Creating Server:

Click on create button -> Select Droplets

Click on Ubuntu 16.04

For Size Click on $5 (1TB Tranfer and 20GB SSD)

For DataCenter region it's upto you where you want to put your server. (Singapore or India will be good options if you consider speed as your priority.)

Leave additional options.

Then go down change your server name if you want and click on create.

Step 4) Connecting to Server:

After creating server you will get a mail to your registered email id.

The mail conatins IP, Password, etc

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Open terminal** and connect to server using:

"ssh root@youripaddress"

Then enter the password you received through mail.

You will be logged in and requred to enter the same password.

Then you will be prompted to set a new password. (Recommended to put a very strong password using characters, symbols & numbers)

**If you are using windows you need to use putty.

Step 5) Setting up VPN:

Once you are connected to server enter the following:

wget https://git.io/vpn -O openvpn-install.sh && bash openvpn-install.sh

Enter the ip address of your server in the step mentioned below:

"First I need to know the IPv4 address of the network interface you want OpenVPN

listening to"

For Protocol -> Press 1(UDP)

For Port -> Enter 443

For DNS -> Enter 2 or 3

Then enter the client name.
For example: Cherukuri

Then again if you want to add/revoke an user run

"bash openvpn-install.sh"

Then follow the onscreen instructions

Step 6) Connecting to VPN:

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Get the client file(config) which you created by using scp in linux or winscp in windows.

SCP syntax:

scp root@youripaddress:~/*ovpn ~/Documents

For windows download and run

| Installer, Windows Vista and later | openvpn-install-2.4.4-I601.exe | GnuPG Signature |

from

https://openvpn.net/index.php/open-source/downloads.html

After installion is done run it.

Right click on the icon present on taskbar and select import.

Direct to the directory where you stored your config.

Again Right click and select connect.

For Linux run these commands in terminal:

sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com --recv 7568D9BB55FF9E5287D586017AE645C0CF8E292A

sudo apt-get update

sudo apt-get install pritunl-client-g

Now run printul as sudo.

Click on it and and select import.

Direct to the directory where you stored your config.

Now Click on it again and select connect

VOILA Now you are connected to your own vpn. Now you can surf uncensored.

PS:

Since the transfer size is 1TB it will be good if a group of people share one server.

(1000GB/5 = 200GB per person)

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By this way if one person credit is completed you can simply use other person credit who shared the server wih you.

For example if 5 people are sharing a server you will get 50 months of free service.

That is almost 4 years.