Read more:

* <https://www.digitalocean.com/community/tutorials/how-to-set-up-apache-virtual-hosts-on-centos-7>
* <https://www.rosehosting.com/blog/apache-virtual-hosts-on-centos/>
* <https://vn.godaddy.com/help/configure-apache-virtual-hosts-centos-7-17338>

Install the apache web server

* Update yum

$ sudo yum update

* Install apache

$ sudo yum install httpd

* Start up Apache

$ sudo systemctl httpd start

* If enable into apache to boot system

$ sudo systemctl enable httpd

Set up the virtual host

* Create the virtual directory for “test.com” domain

$ sudo mkdir –p /var/www/test.com/public\_html

* ~~Change the ownership to the Apache group~~

$ sudo chown –R apache:apache /var/www/test.com/public\_html

This lets Apache modify files in your web directories.

* Grand permission so they can be read from the internet

$ sudo chmod –R 755 /var/www/

Create content for the website

* Create file index.html

$ sudo vi /var/www/**test.com**/public\_html/index.html

* Add some thing the content file

<html>

<head>

<title>Welcome to my site!</title>

</head>

<body>

<h1>Hooray! Your virtual host is working!</h1>

</body>

</html>

* Save file new

:wq!

Configure your virtual host directories

* We're going to copy a configuration usually used in Ubuntu/Debian and create two directories: one to store the virtual host files (sites-available) and another to hold symbolic links to virtual hosts that will be published (sites-enabled).
* Create sites-available and sites-enanled directories

$ sudo mkdir /etc/httpd/sites-available

$ sudo mkdir /etc/httpd/sites-enabled

* Edit your apache configuration file: httpd.conf
* Open httpd.conf

$ sudo vi /etc/httpd/conf/httpd.conf

* Add this *line at the end of the file*

IncludeOptional sites-enabled/\*.conf

* Save

:wq

Create virtual host file

* Create new config for test.com at sites-available

$ sudo vi /etc/httpd/sites-available/test.com.conf

* The content of test.com.conf

<VirtualHost \*:80>

ServerAdmin admin@test.com

ServerName www.test.com

ServerAlias test.com

DocumentRoot /var/www/test.com/public\_html

ErrorLog /var/www/test.com/error.log

CustomLog /var/www/test.com/requests.log combined

</VirtualHost>

* Enable **test.com.conf** with a **sym link** to th **sites-enabled**

$ sudo ln –s /etc/httpd/site-available/test.com.conf /etc/httpd/sites-enabled/test.com.conf

* Restart httpd

$ sudo systemctl restart httpd

Add domain into hosts file

$ sudo vi /etc/hosts

127.0.0.1 test.com www.test.com

Finish

Check syntax error http

$ sudo httpd –t

//restart, enable…

$sudo systamctl restart httpd.service