One VM can run multiple virtual hosts

Apache2 guide 🡪 apache default home page

a2enmod Enable module

a2dismod Disable module

a2ensite Enable virtual host

a2dissite Disable virtual host

a2en-forgot

a2dis-forgot

**Configuration files**

Main configuration – apache2.conf under /etc/apache2

Configuration per virtual host – /etc/apache2/sites-available/\*.conf

Configuration per directory

Create .htaccess file inside document root

/var/www/mywebsite/.htaccess

Under main config file

* Look for <Directory /var/www> section
* Modify the line **AllowOveride None** to **AllowOveride All**

**VirtualHosting**

1. Duplicate the original conf file under /etc/apache2/sites-available
2. Chance filename :v
3. Uncomment #ServerName [www.asdasda.com](http://www.asdasda.com) and change site name :v
4. Add ServerAlias line for an alternate name for host

Ex. ServerName hi.com

ServerAlias [www.hi.com](http://www.hi.com) hello.hi.com

1. Change document root para sa location ng html files xD
2. Gawa na ng document root tapos ilagay nyo files dun :v
3. Change ownership maybe kung kelangan and modify permission if needed also
4. Enable host – sudo a2ensite filename
5. Restart apache2
6. Set up hosts file in windows (C:\Windows\System32\drivers\etc)

Ip address site name

1. Test :v

**READ SHIT:**

**-**Virtual Hosting

-Content compression, caching, and negotioations

-Authentication and authorization

-Access Control

-Server-side includes (SSI)

-URL rewriting

-SSL/TSL encryption