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Lab 4

# Install web server (LAMP):

* Install Apache (apache2):



* Install MySQL (mysql-server)

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* Install PHP



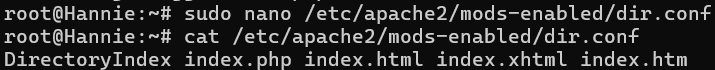
* Install libpache2-mod-php



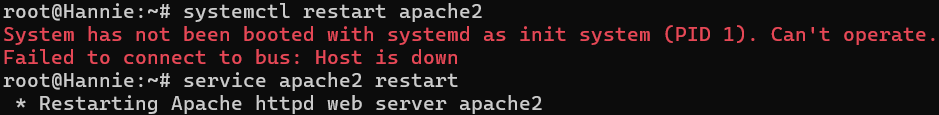
* Install php-mysql



* Config Apache server



* Restart the Apache web server



* Set up Virtual Hosts:
* Create the directory for your\_domain

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* Assign ownership to your\_domain directory

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* Assign permission to the your\_domain directory (755 or 744)

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* Create an index.html file in the your\_domain directory with any content

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* Set up Virtual Hosts:

Create a virtual host file: copy and rename 000-default.conf to your\_domain.conf

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Modify the file:

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Enable the file with the a2ensite tool

Test for configuration errors

Reload the configuration

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* ifconfig

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* open hosts file of windows

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* add Server\_IP your\_domain

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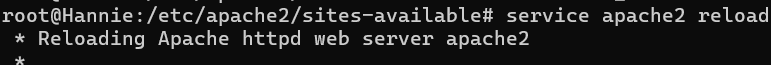
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* rename host domain to hnhi.com

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* reload apache2



* open http://hnhi.com

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# Install web server (LEMP)

* Install the Nginx



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* Verify the change

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* Install MySQL

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* Install php

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* Install the php-fpm module along with an additional helper package

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* Configure domain (configure Nginx)

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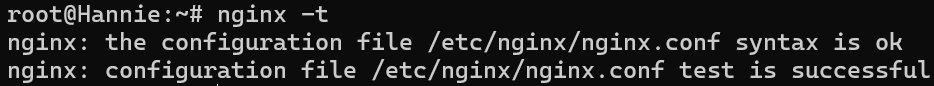
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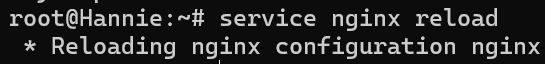
* Enable new server block by creating a symbolic link from new server block configuration file to (in the /etc/nginx/sites-available/ directory) to the /etc/nginx/sitesenabled/ directory



* Test new configuration file for syntax errors



* Reload Nginx to make the necessary changes



* Create a PHP file to Test Configuration

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* Change ownership

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* Use existing phpMyAdmin

Đổi lại version php trong file nano 



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Change ownership

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Ifconfig lấy IP

Vào File host thêm IP và domain

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Reload lại nginx



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# Install and Secure phpMyAdmin

* Install phpMyAdmin (phpmyadmin, php-mbstring, php-zip, php-gd, php-json, php-curl)

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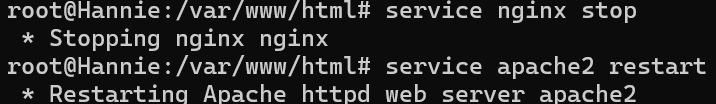
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* Enable the mbstring PHP extension (phpenmod mbstring)



* Stop nginx and restart Apache for changes



* Access the web interface by visiting server’s domain name or public IP address followed by /phpMyAdmin

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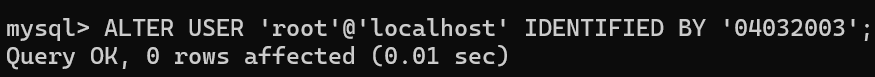
* Configuring Password Access for the MySQL Root Account

Open the MySQL prompt from terminal: sudo mysql

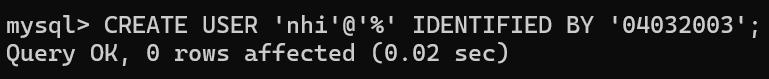
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Change root password



Create a new user account and grant all privileges

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