

The following instructions are based on Ubuntu 22.04 server.

Steps to configure the server for openSIS version 9:

1. Installing Apache :

- a. `sudo apt update`
- b. `sudo apt install apache2`
- c. `sudo ufw app list`
- d. `sudo ufw allow in "Apache"`
- e. Write: http://your_server_ip . You'll be able to see the default apache web page.

2. Installing PHP(Version 8.1.2):

- a. `sudo apt install php libapache2-mod-php php-mysql`
- b. `sudo apt-get install php8.1-curl`
- c. `sudo apt-get install php8.1-mysqli`
- d. `sudo apt-get install php8.1-xml`

3. Installing MYSQL:

- a. `sudo apt update`
- b. `sudo apt install mysql-server`
- c. `sudo systemctl start mysql.service`
- d. `sudo mysql`
- e. `ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password';`
- f. `exit;`
- g. `sudo mysql_secure_installation` (This will take you through a series of prompts where you can make some changes to your MySQL installation's security options. The first prompt will ask whether you'd like to set up the Validate Password Plugin, which can be used to test the password strength of new MySQL users before deeming them valid.) **** You may skip this step**
- h. `sudo mysql -u root -p`
-- Enter the mysql password
- i. `SET @@GLOBAL.sql_mode = 'NO_ENGINE_SUBSTITUTION';`
- j. `SET @@GLOBAL.event_scheduler = ON;`
- k. `SET @@GLOBAL.log_bin_trust_function_creators = 1;`
- l. `exit;`

After the above settings are complete, hit your server IP and start installing openSIS Version 9.