



openSIS Student Information System

Installation Instructions

[Installation on Windows](#)

[Installation on Linux](#)

[Installation on Mac](#)

Windows Installation

Installing on machines running Windows XP, Vista, Windows 7, Windows 2003/2008 Server OS

openSIS requires the following pre-requisite software:

1. Apache 2.2
2. MySQL 5.x
3. PHP 5.2

If you have the above installed software in your computer already, you can proceed to openSIS installation, otherwise follow the links below to download and install the pre-requisite software.

1. Download and install Apache and PHP

XAMPP Windows

<https://www.apachefriends.org/download.html>

This will install Apache web server, MySQL database and PHP 5.x.

Or,

Bitnami Windows

<http://bitnami.org/stack/wampstack>

This will install Apache web server, MySQL database and PHP 5.x.

Mac Installation

XAMPP for Mac is also available from the same download link: <https://www.apachefriends.org/download.html>

Make sure you login as “root” user to your Mac and then attempt the installation.

Linux Installation

Installing on machines running Linux. openSIS has been tested on leading Linux distros.

openSIS requires the following pre-requisite software:

1. Apache 2.2
2. MySQL 5.x
3. PHP 5.5 and above

If you have the above installed software in your computer already, you can proceed to openSIS installation, otherwise follow the links below to download and install the pre-requisite software.

1. Download and install Apache and PHP

XAMPP Linux:

<https://www.apachefriends.org/download.html>

This will install Apache web server, MySQL database and PHP 5.x.

Or,

Bitnami Linux LAMPStack:

<http://bitnami.org/stack/lampstack>

This will install Apache web server, MySQL database and PHP 5.x.

Once these software are fully installed, follow the openSIS Installation procedure.

(openSIS has been tested extensively with the XAMPP package on Windows and the Bitnami LAMPStack on Linux).

Note: The installation creates a file "data.php" that stores necessary information for connection to the database and default school year information. You'll need to use 777 permissions on directories where openSIS is being installed to allow write permissions. The reason for this is, while you (your user) may own the directories and files, another user (the web server) needs to be able to write in/to them.

openSIS Installation

This installation assumes that you have installed and properly configured the following items:

- Web Server (Apache is the web server we test on and use)
- MySQL database software
- PHP

We recommend that you use one of the automated installers like XAMPP or Bitnami Stacks which eases the process of installing and configuring the webserver.

Open your php.ini file and search for display_errors = ON and change it to display_errors = Off

Automated Installation

openSIS includes an automated installer that has been extensively tested on Windows and Linux variants like Ubuntu and openSUSE.

1. Download the latest stable release of openSIS from the www.opensis.com.

2. Unzip the openSIS folder to your web server directory.

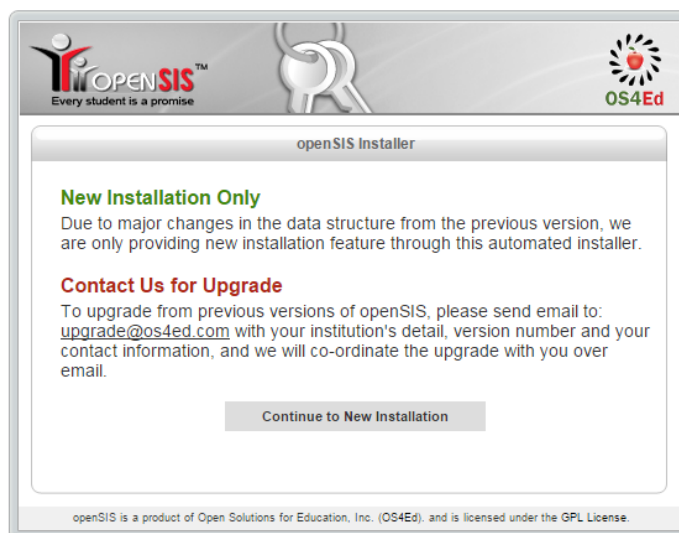
In case you installed XAMPP the webserver directory will be:
<XAMPP Installation Directory>/htdocs/

In case you have installed Bitnami LAMPStack, your web server would be:
<LAMPSTACK Installation Directory>/apache 2/htdocs/

3. Open your web browser and go to the following address:
<http://localhost/opensis-ce> (or whatever the folder name you have used during unzipping the code)

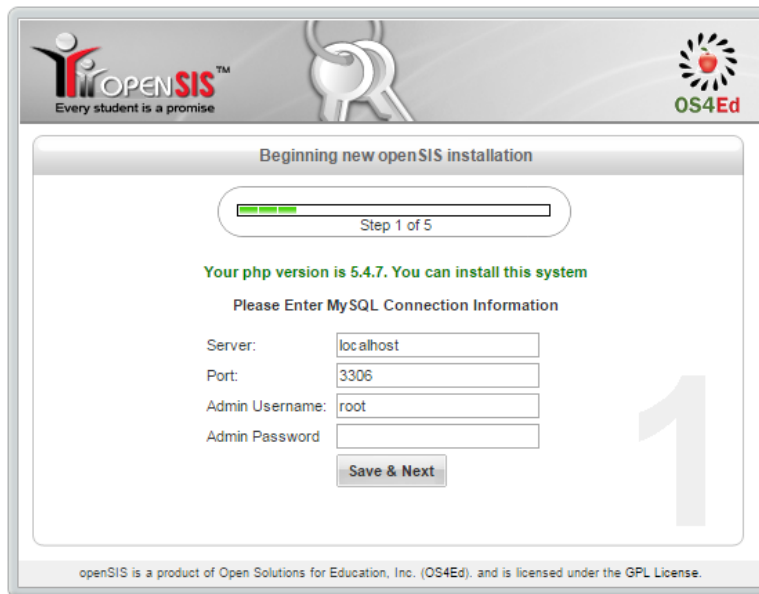
Due to massive changes in data structure, automated upgrade feature has been disabled in ver 6.

Continue with New Installation, the automated installer will guide you through the setup step by step.



In step1, you will be asked to provide MySQL connection information. Keep the Server Input field as “localhost”. openSIS is designed to be installed only on localhost. If you use any IP Address viz. 127.0.0.1 it will not install.

Provide the admin username and password for MySQL so the application can connect to MySQL database.



Beginning new openSIS installation

Step 1 of 5

Your php version is 5.4.7. You can install this system

Please Enter MySQL Connection Information

Server:

Port:

Admin Username:

Admin Password:

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Note: Remember that if you provided wrong details for MySQL connection in Step 1, you will be redirected to an error page like the one below. Click “Retry” and provide the correct connection information.



Couldn't connect to database server: localhost:3306

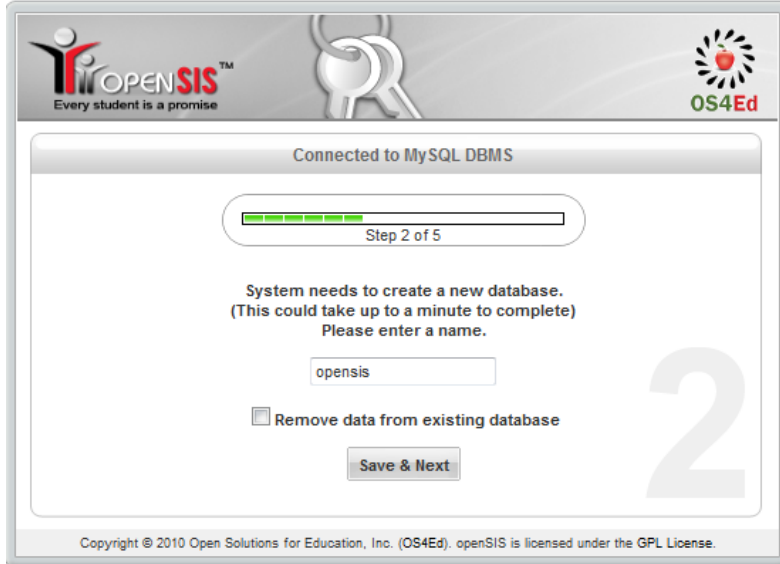
Possible causes are:

1. MySQL is not installed. Try downloading from [MySQL Website](#)
2. Username or Password or MySQL Configuration is incorrect
3. Php.ini is not properly configured. Search for MySQL in php.ini

[Retry](#)

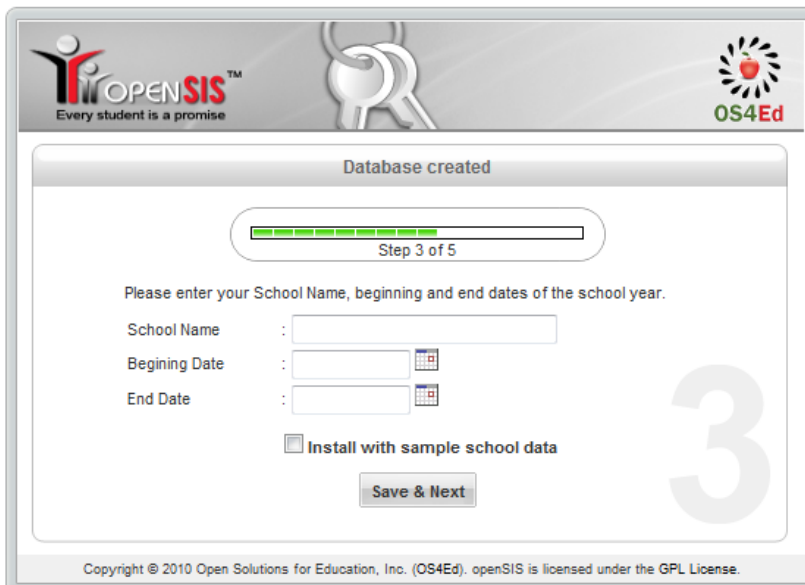
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- Once you have provided the MySQL connection, we move to step 2 where you will need to enter the name for the database you want to use for openSIS. The system defaults to openSIS; you can leave it as is or give a different name.

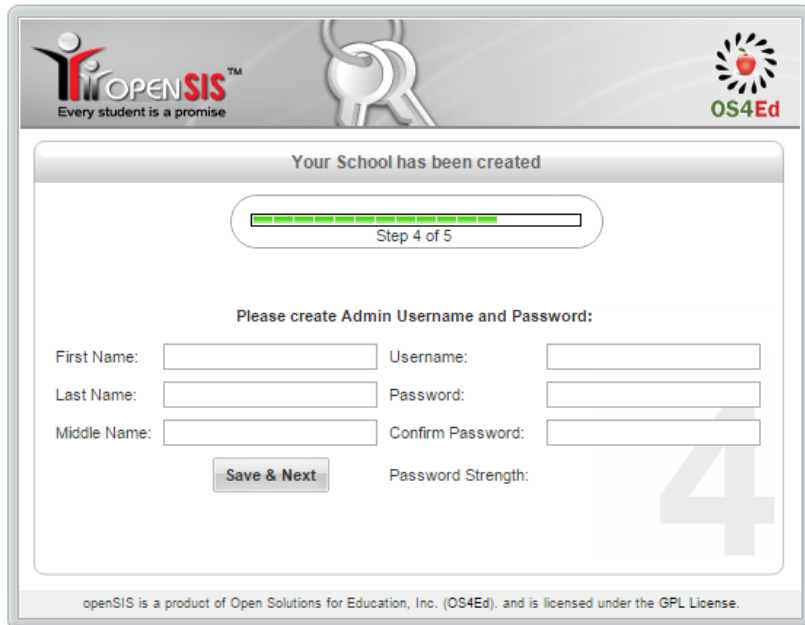


If you already have created a database and trying to install it again, then check the “Remove data from existing database” option to remove the old database.

- In Step 3, Provide the school name, begin date and end date of the school year that you are creating. You can also check the “Install with sample school data” option to install the sample school. The data in the sample school will act as a guide to help you configure your own school properly.

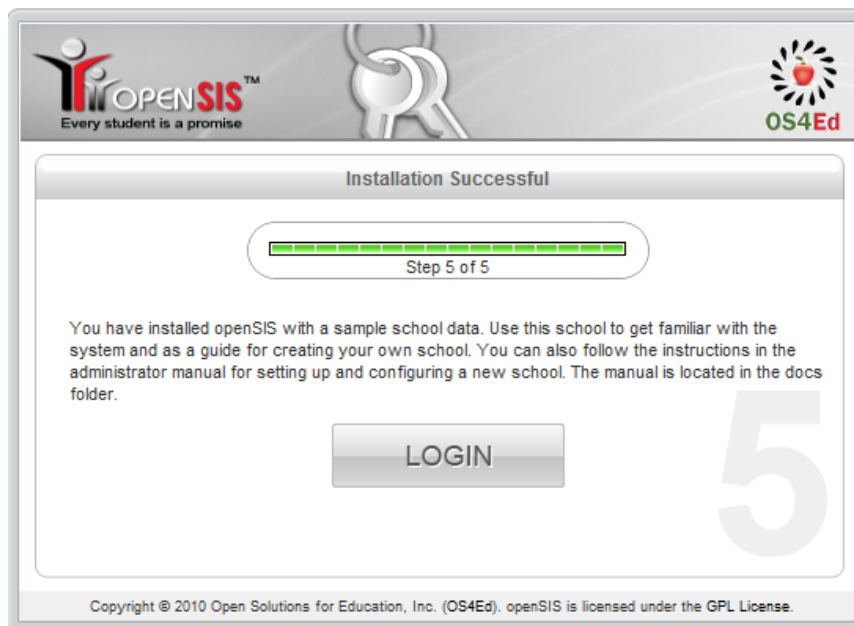


- In Step 4, enter Administrator Username and password you would like to use for administering openSIS.

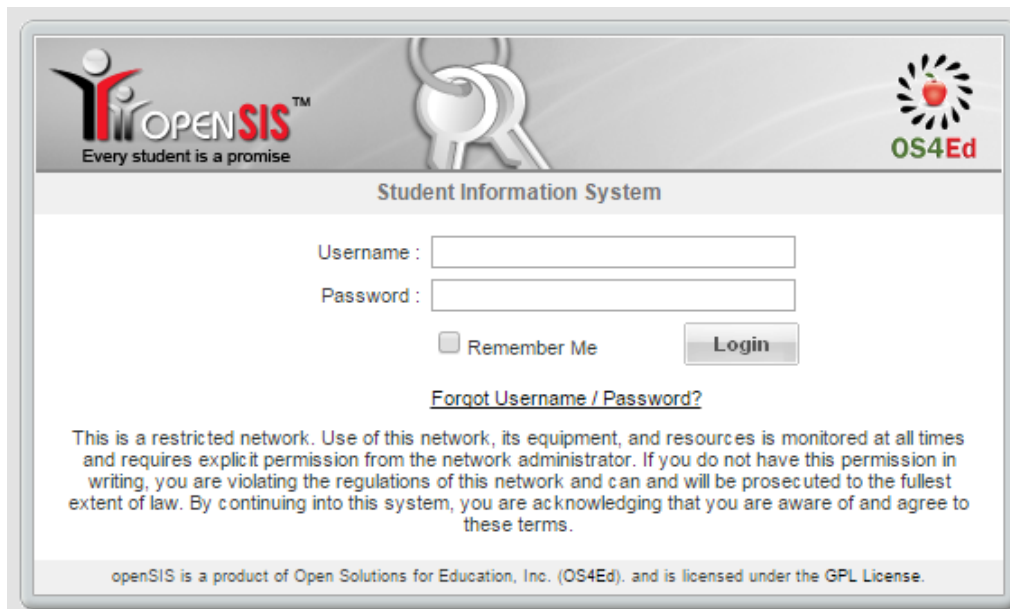


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7. Finally you have your application setup and ready to use. Click on the login button and login to the application using the administrator Username/Password you provided while installing in step 4.



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The screenshot shows the login interface for the openSIS Student Information System. At the top, there is a header bar with the openSIS logo on the left, a central graphic of two interlocking keys, and the OS4Ed logo on the right. Below the header, the title "Student Information System" is centered. The login form includes fields for "Username :" and "Password :", a "Remember Me" checkbox, and a "Login" button. A link for "Forgot Username / Password?" is located below the password field. A disclaimer paragraph states that the network is restricted and monitored, and that users agree to the terms by continuing. At the bottom, a footer line reads: "openSIS is a product of Open Solutions for Education, Inc. (OS4Ed), and is licensed under the GPL License."

Congratulations! You have successfully installed openSIS.

Note

As a security measure, the install folder will be deleted automatically after the installation. If you need to re-install openSIS, please unzip the downloaded file again, or re-download openSIS from www.opensis.com

If you need assistance with installation, configuration, data import or anything else, please visit www.opensis.com and click on support.