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openSIS Student Information System

Installation Instructions

[Installation on Windows](#)

[Installation on Linux](#)

Last updated: April 2010



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

<http://www.apachefriends.org/en/xampp.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.



Linux Installation

Installing on machines running Linux. openSIS has been tested on Ubuntu and openSUSE Linux.

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 Linux:

<http://www.apachefriends.org/en/xampp-linux.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.

Automated Installation

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

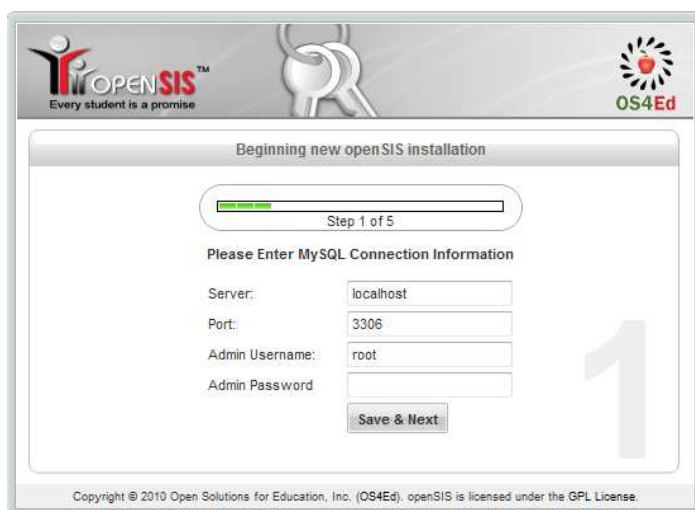
1. Download the latest stable release of openSIS from the www.opensis.com.
2. Unzip the openSIS folder to your web server directory.

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/install/index.php>.

The automated installer will guide you through the setup step by step.

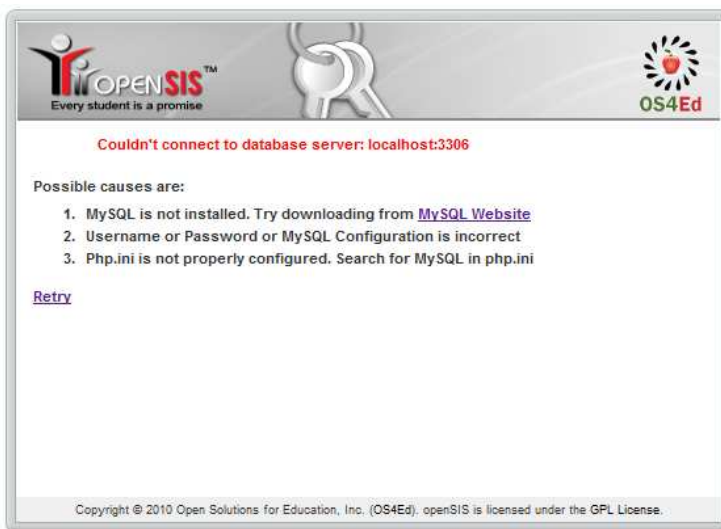


The screenshot shows the 'Beginning new openSIS installation' window. It features a progress bar at the top indicating 'Step 1 of 5'. Below the progress bar, the text reads 'Please Enter MySQL Connection Information'. There are four input fields: 'Server:' with 'localhost', 'Port:' with '3306', 'Admin Username:' with 'root', and 'Admin Password:' which is empty. A 'Save & Next' button is located below the password field. The OS4Ed logo is visible in the top right corner of the window. A large number '1' is displayed on the right side of the form area. At the bottom of the window, the copyright notice reads: 'Copyright © 2010 Open Solutions for Education, Inc. (OS4Ed). openSIS is licensed under the GPL License.'

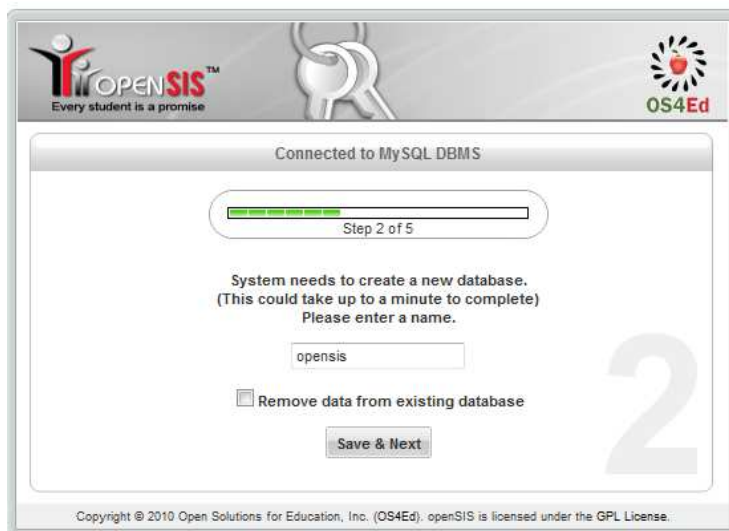
4. In step1, you will be asked to provide MySQL connection information. Keep the Server Input field as "localhost". openSIS is designed to be installed only on localhost. If you use any IP Address viz. 127.0.0.1 it will not install.

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

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.

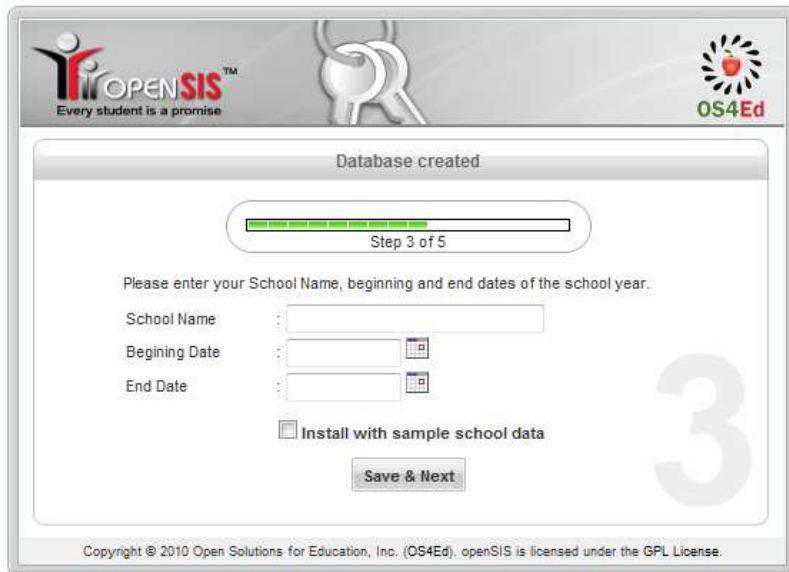


5. Once you have provided the MySQL connection, we move to step 2 where you will need to enter the name for the database you want to use for openSIS. The system defaults to openSIS; you can leave it as is or give a different name.



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.

6. 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.



The screenshot shows the 'Database created' step of the installation process. At the top, there is a progress bar labeled 'Step 3 of 5'. Below the progress bar, the text reads: 'Please enter your School Name, beginning and end dates of the school year.' There are three input fields: 'School Name', 'Beginning Date', and 'End Date'. Each field has a small calendar icon to its right. Below the input fields, there is a checkbox labeled 'Install with sample school data'. A 'Save & Next' button is located at the bottom of the form. The number '3' is displayed in a large, light gray font on the right side of the screen. The footer contains the copyright information: 'Copyright © 2010 Open Solutions for Education, Inc. (OS4Ed). openSIS is licensed under the GPL License.'

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



The screenshot shows the 'Your School has been created' step of the installation process. At the top, there is a progress bar labeled 'Step 4 of 5'. Below the progress bar, the text reads: 'Please create Admin Username and Password:'. There are three input fields: 'Username:', 'Password:', and 'Confirm Password:'. Each field has a small calendar icon to its right. Below the input fields, there is a 'Save & Next' button. The number '4' is displayed in a large, light gray font on the right side of the screen. The footer contains the copyright information: 'Copyright © 2010 Open Solutions for Education, Inc. (OS4Ed). openSIS is licensed under the GPL License.'

- 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.



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.