openSIS Student Information System

Installation Instructions

Installation on Windows

Installation on Linux

Last updated: December 2013

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-windows.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.

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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 LAPPStack:
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 LAPPStack 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.

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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.

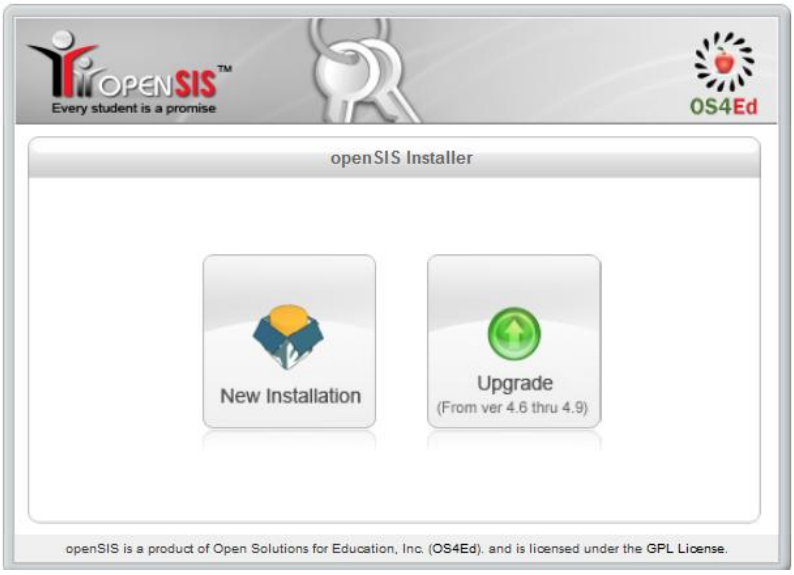
   In case you installed XAMPP the webserver directory will be:
   <XAMPP Installation Directory>/htdocs/

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

3. Open your web browser and go to the following address:
   http://localhost/opensis-ce/install/index.php.

   Choose New Installation

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



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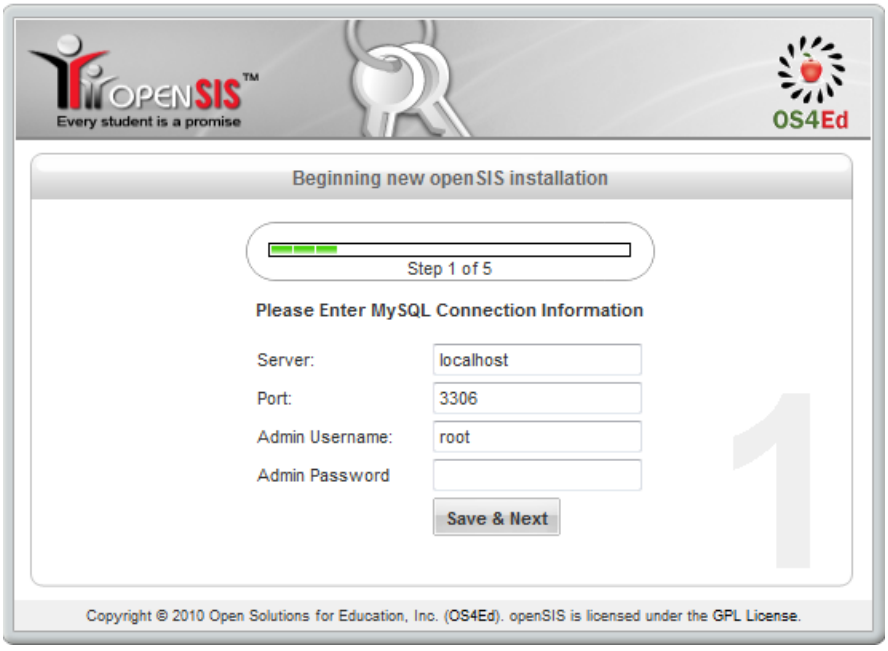
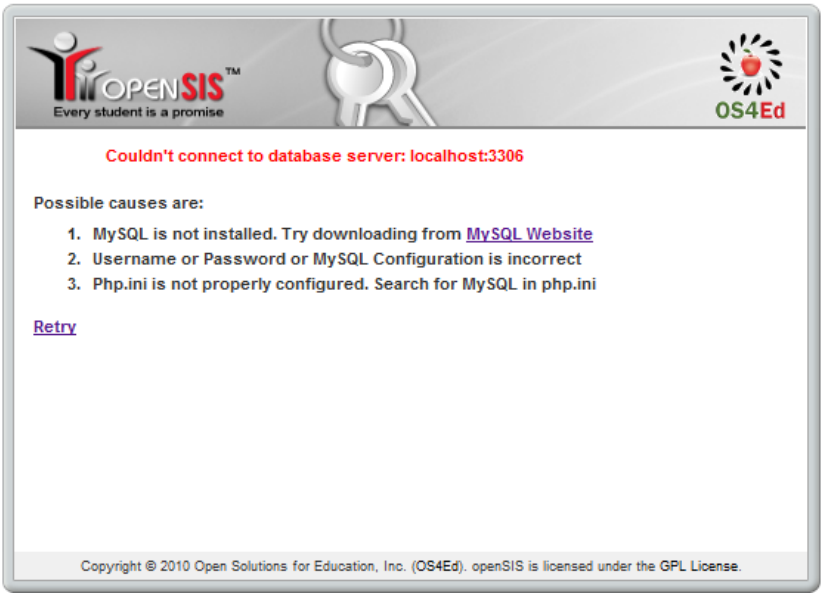


4. In step1, you will be asked to provide MySQL connection information. Keep the Server Input field as "localhost". openSIS is designed to be installed only on localhost. If you use any IP Address viz. 127.0.0.1 it will not install.

   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.



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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.

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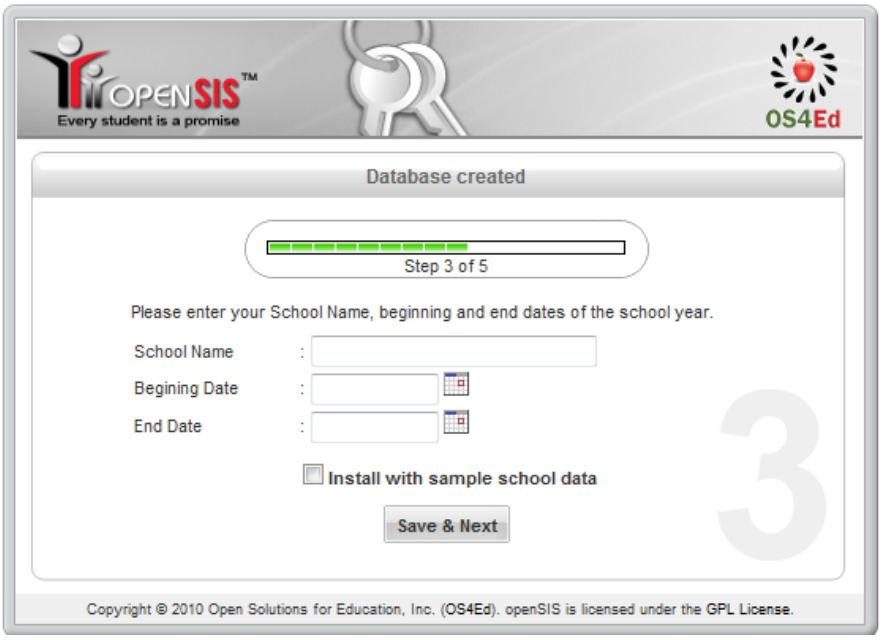
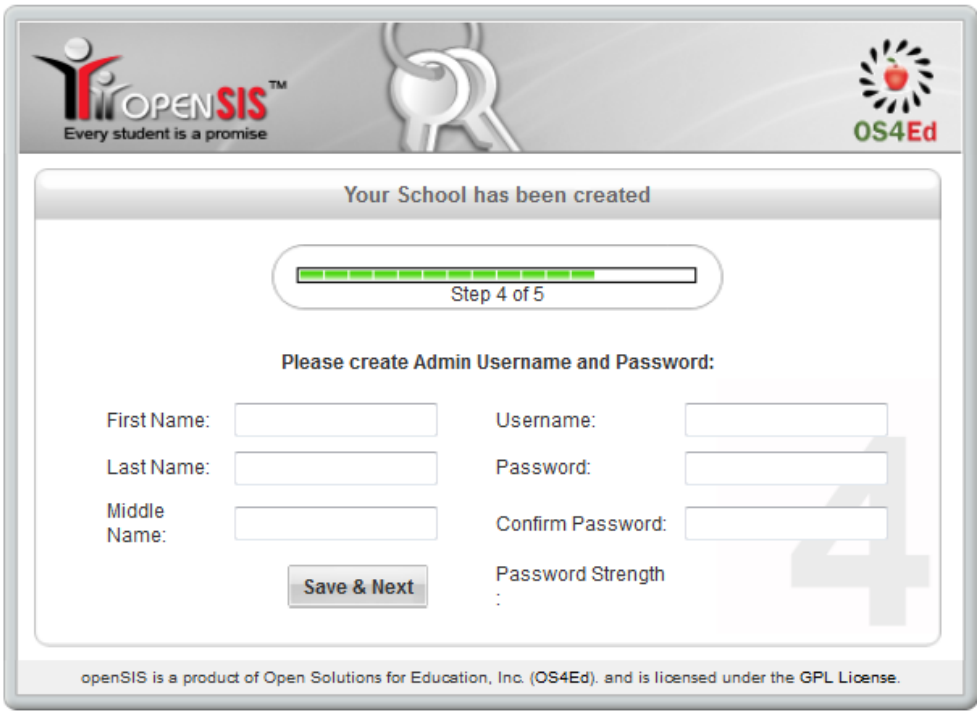


7. In Step 4, enter Administrator's First Name, Last Name, Username and Password you would like to use for administering openSIS. Password must have a number and special character.



8. 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 during installation in step 4.

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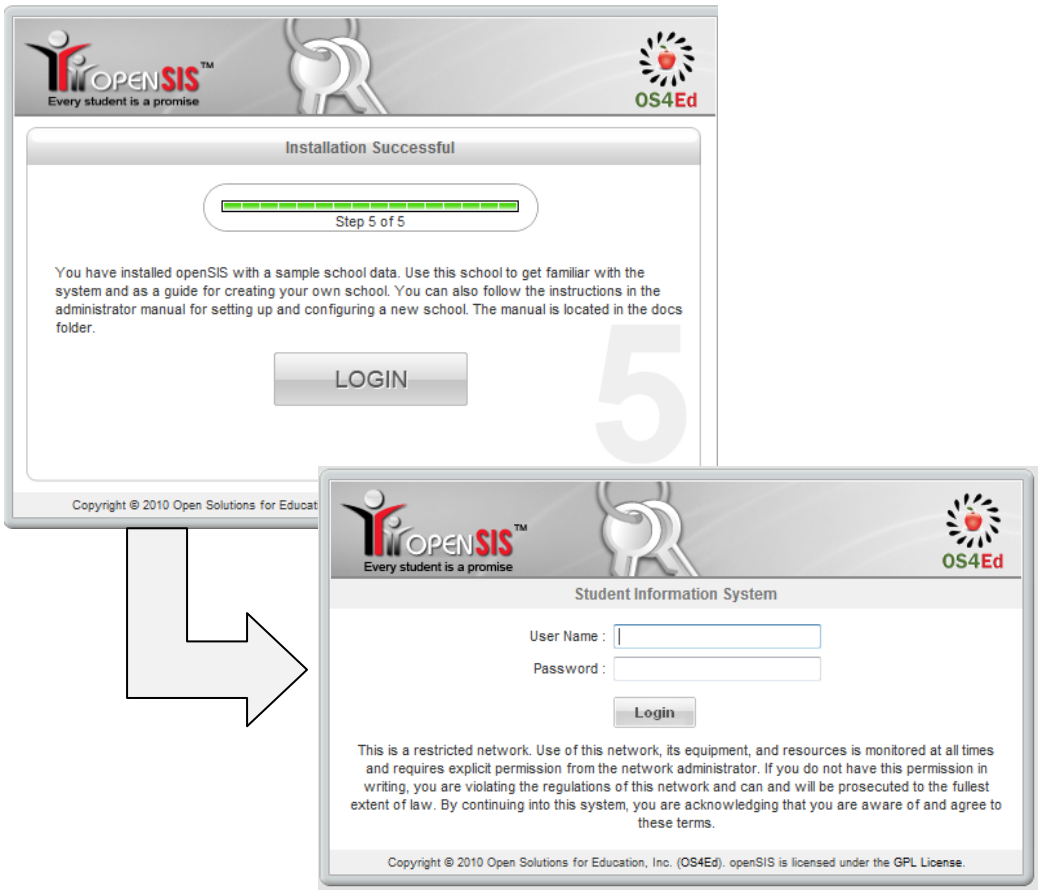

Congratulations! You have successfully installed openSIS.

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.

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