

Web Server Guardian Installation Manual



The **Web Server Guardian** is an internet security protection for your Web Server. This easy to use software will save you time prevent, detect, and remove virus from your server. With just a few clicks, simple settings and easy setup your server will have the protection against malicious files.

Step 1: Extraction and Database Installation:

Extraction of the file

1) Create a folder on your desktop and rename it as Web Server Guardian (you can rename it any name you want).



Web Server Guardian

2) Inside the Web Server Guardian folder, extract the zip file name **WSGInstaller.zip**. After you extract the file, you'll find 2 folders name **scriptdb** and **webserverguardian**.



scriptdb



webserverguardian


Creating MySQL Database

- 1) Login to your cpanel account.
- 2) Click on MySQL Databases.



- 3) Enter a Database name. Enter any name you want but for this tutorial, I'm going to use **websg**. Then click **Create Database**.

Create New Database

New Database:  [Create Database](#)

Reminder: There will be a account prefix on every database that you will add. For this example the complete database name is **anyacc_websg** where the **anyacc** is the account prefix.


- 4) Check for confirmation if the database was added then click **go back** to proceed to the next step.




5) Scroll at the middle of the page and you will see a **MySQL USERS** to create your **username** and **password**.

Enter your username and password. Enter any name you want. For this tutorial, I'm going to use **wsguser** for username and **pass123** for password. Then click **Create User**.


MySQL Users
Add New User

Username:  *Seven characters max

Password: 

Password Strength:

Weak (41/100)

Password (Again): 

6) Check for confirmation if the database username and password was added then click **go back** to proceed to the next step.

 **MySQL Users**
Added user **wsguser** with the password **pass123**.

Reminder: There will be a account prefix on every database username that you will add. For this example the complete database username is "anyacc_wsguser" where the word "anyacc" is the account prefix.

7) Below the **MySQL USERS** option, You need to assign the user to the database. Select the username in the drop box and the database in the drop box that you created. Then click **Add** to proceed to the next step.

Add User To Database

User:

Database:

8) Check the box next to **ALL** to allow full privilege to the user of the database. Then click **Make Changes**.

Manage User Privileges

User: anyacc_wsguser
Database: anyacc_websg

<input checked="" type="checkbox"/> ALL PRIVILEGES	
<input checked="" type="checkbox"/> SELECT	<input checked="" type="checkbox"/> CREATE
<input checked="" type="checkbox"/> INSERT	<input checked="" type="checkbox"/> ALTER
<input checked="" type="checkbox"/> UPDATE	<input checked="" type="checkbox"/> DROP
<input checked="" type="checkbox"/> DELETE	<input checked="" type="checkbox"/> LOCK TABLES
<input checked="" type="checkbox"/> INDEX	<input checked="" type="checkbox"/> REFERENCES
<input checked="" type="checkbox"/> CREATE TEMPORARY TABLES	<input checked="" type="checkbox"/> CREATE ROUTINE

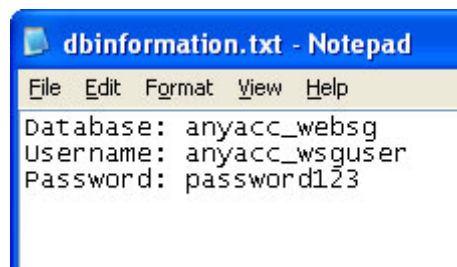
9) Check for confirmation if the database user was added to database then click **go back** to proceed to the next step.

MySQL® Database Wizard

User **anyacc_wsguser** was added to the database **anyacc_websg**.

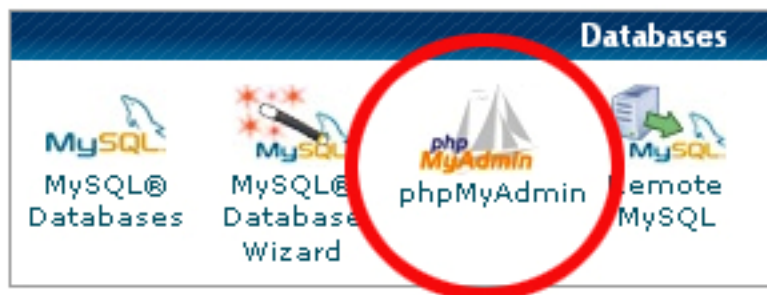
10) Open notepad. Copy and paste the username and database name provided above PLUS the database password.

Save as dbinformation.txt in the Web Server Guardian folder. You'll need this information to configure the control panel.



11) Go Back to your cpanel control panel or cpanel home page.

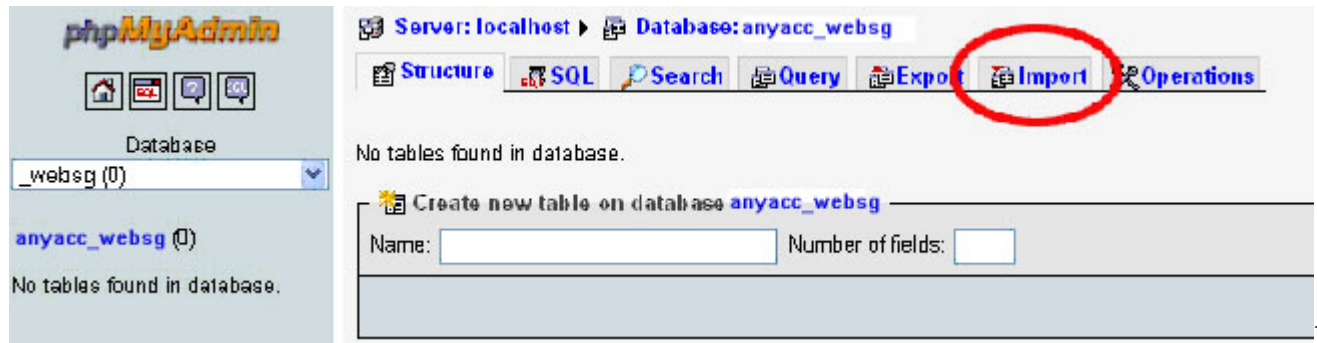
12) Scroll down back to databases column and click "phpmyadmin".



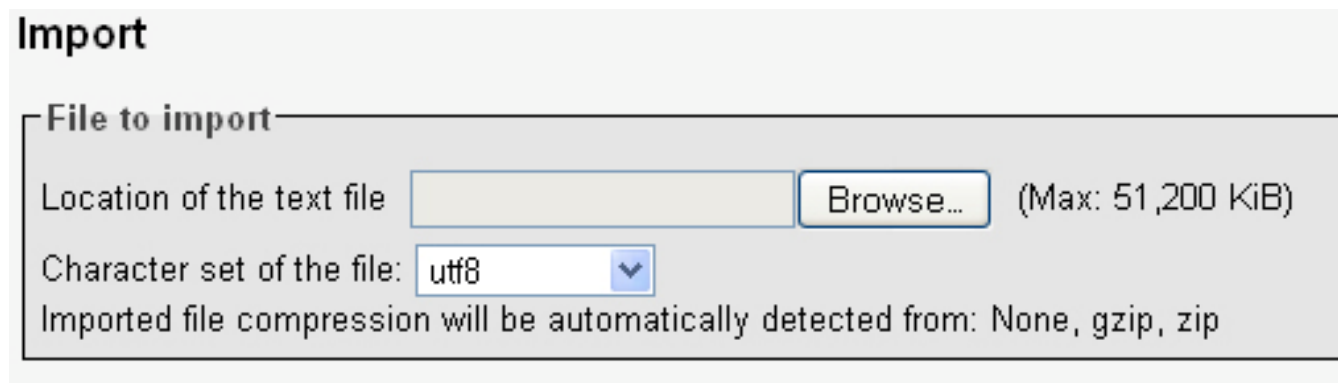
13) Click on the newly created database. For this example I use "_websg".



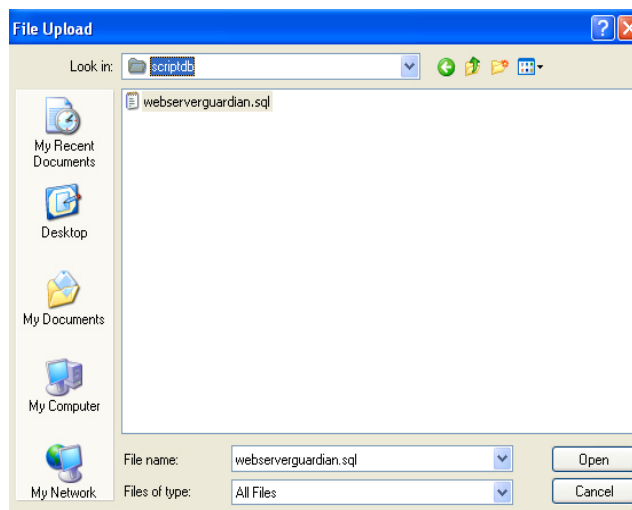
4) Make sure at the left is displayed the name of the newly created database. Click on "Import" option.



15) Click on the "Browse" button.



16) Select the "webserverguardian.sql" which extracted from the Web Server Guardian Folder.



17) Click "Go" button.

Import

File to import

Location of the text file: (Max: 51,200 KiB)

Character set of the file:

Imported file compression will be automatically detected from: None, gzip, zip

Partial import

☒ Allow interrupt of import in case script detects it is close to time limit. This might be good way to import large files, however it can break transactions.

Number of records(queries) to skip from start:

Format of imported file

☒ SQL

Options

SQL compatibility mode:

18) Check for confirmation if the database was successfully upload.

[Structure](#) [SQL](#) [Search](#) [Query](#) [Export](#) [Import](#) [Operations](#)

i Import has been successfully finished, 11 queries executed.

19) Click on "Structure" to check if the tables where successfully uploaded.

[Structure](#) [SQL](#) [Search](#) [Query](#) [Export](#) [Import](#) [Operations](#)

	Table	Action	Records?	Type	Collation	Size	Overhead
<input type="checkbox"/>	folders		0	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/>	logs		0	MyISAM	latin1_swedish_ci	1.0 KiB	-
<input type="checkbox"/>	settings		1	MyISAM	latin1_swedish_ci	2.0 KiB	-
<input type="checkbox"/>	users		1	MyISAM	latin1_swedish_ci	2.5 KiB	-
	4 table(s)	Sum	2	MyISAM	utf8_unicode_ci	6.6 KiB	0 B

[Check All / Uncheck All](#) With selected:

Reminder:

If things don't turn out as described above, just go back to step 1 and start over again.

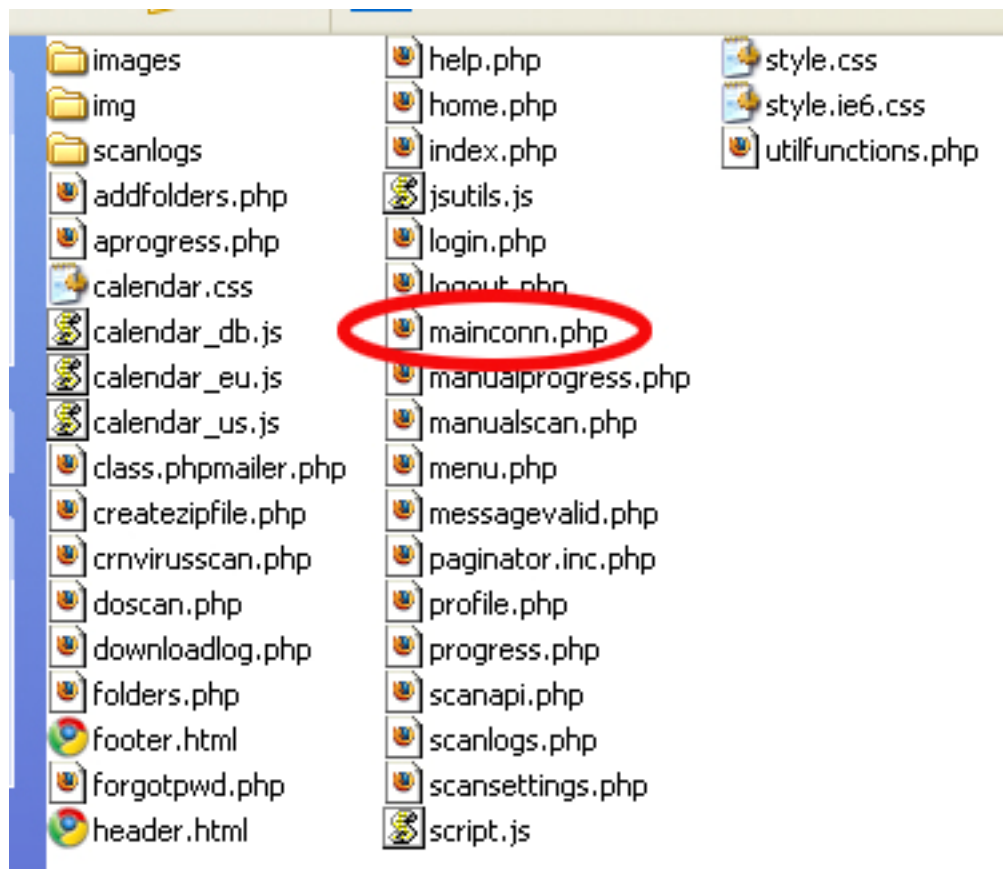
Step 2: Script Installation

The scripts are located at the **webserverguardian** folder that you recently extract from **WSG Installer.rar**

1) Go to your **webserverguardian** folder.



2) Open the **mainconn.php**.



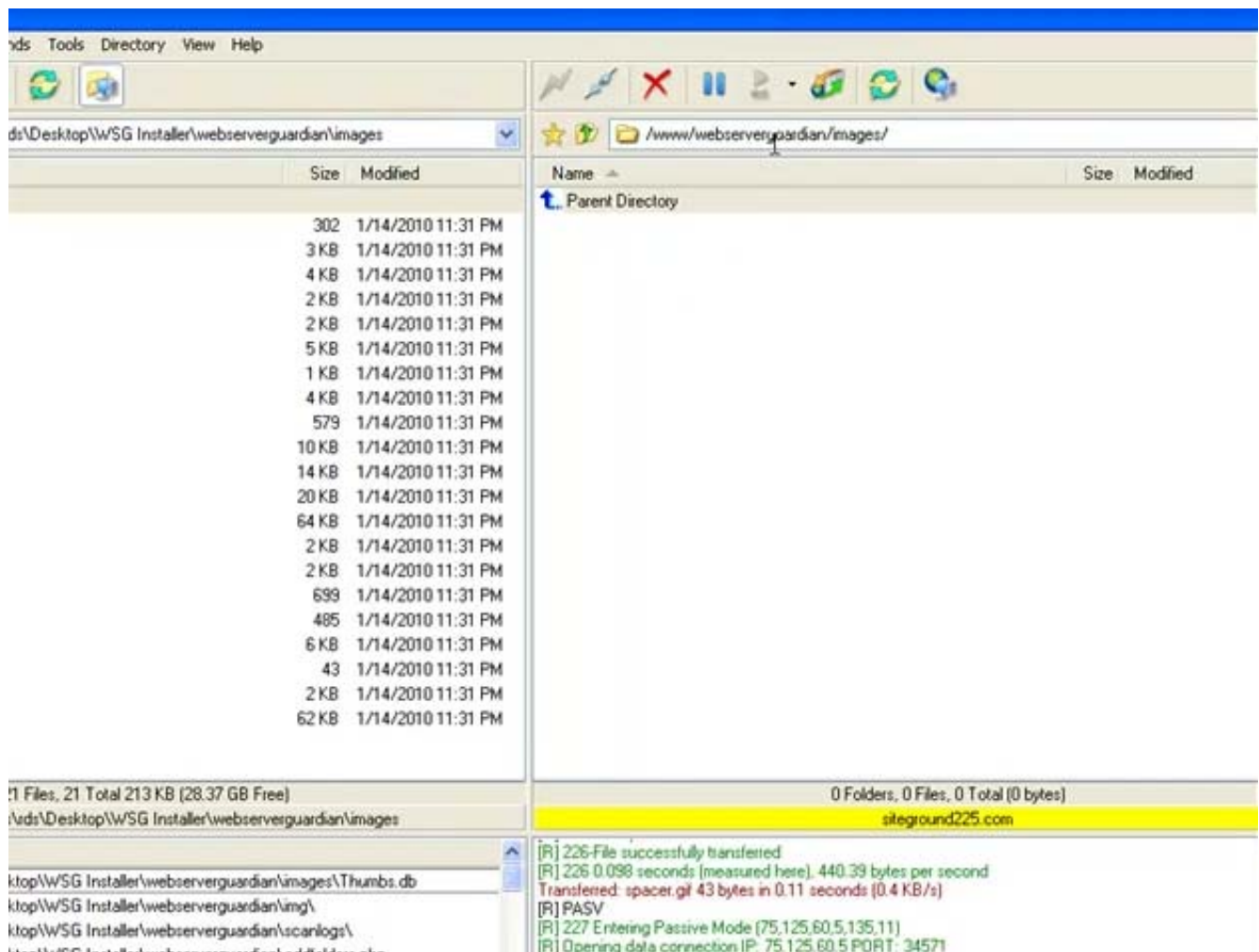
3) In the **mainconn.php**, Enter the database name, username and password that you recently created in **MySQL** Database and save the file.

```
<?php
$dbhostname = "localhost";
$dbdatabase = "anyacc_websg"; ← DATABASE NAME
$dbusername = "anyacc_wsguser"; ← DATABASE USERNAME
$dbpassword = "pass123"; ← PASSWORD
$mainconn = mysql_pconnect($dbhostname, $dbusername, $dbpassword) or trigger_error(mysql_error(),
E_USER_ERROR);
?>
```

4) Open any FTP that you use to upload the folder to your server. You can change the folder name if you want to.

Important:

The folder should be uploaded in the **ROOT FOLDER**.

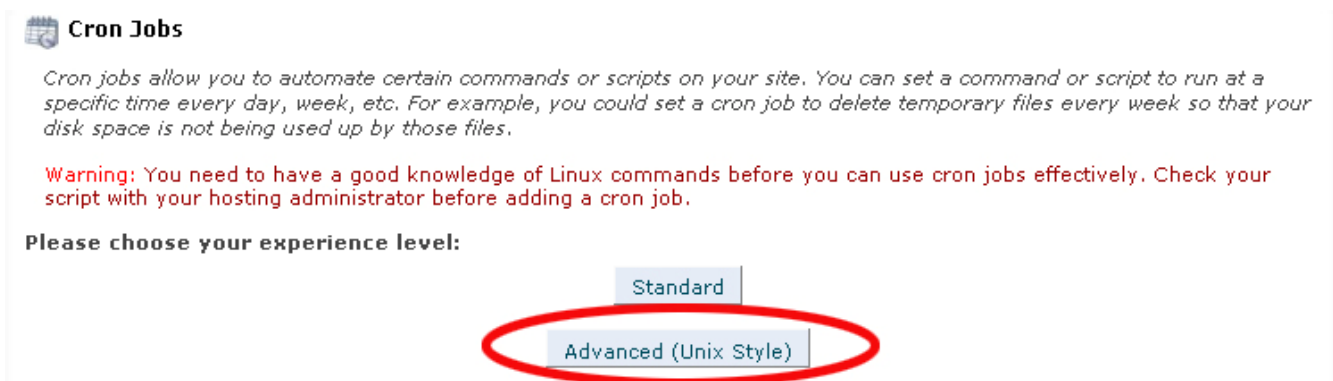


5) Go back to your cpanel to setup the **cron jobs** for the virus scan. Cron Jobs let's you automatically schedule your virus scan.



Steps on how to setup the cron jobs.

- a) Click the **cron jobs** feature.
- b) Click **Advanced (Unix Style)** button.





- c) After you click the **Advanced (Unix Style)** button, you are now in the cron jobs control panel.

Advanced (Unix Style)

This is a web interface to the crontab program. For example, * * * * * would mean every minute and 0 0 * * * would mean at midnight every night.

Please enter an email address where the cron output will be sent:

NOTE: You will receive a message every time this job runs. Using your main e-mail address is not recommended.

Minute	Hour	Day	Month	Weekday	Command
<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/> 
<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/> 
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/>

d) Enter your email address if you want to receive notifications that your cron job is active.

Advanced (Unix Style)


*This is a web interface to the crontab program. For example, * * * * * would mean every minute and 0 0 * at midnight every night.*

Please enter an email address where the cron output will be sent: 

e) Enter the time that you wish to run the virus scan. You need to follow the format for entering the time ***/{number}** (e.g. */15).

If you wish to run the virus scan every minute then enter the code in the box below the minute. Same with Hour, Day, Month and Weekday depend on which time would you like to run the virus scan.

NOTE: You will receive a message every time this job runs. Using your main e-mail address is not recommended

Minute	Hour	Day	Month	Weekday	Command
<input type="text" value="*/15"/> 	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="/usr/local/bin/php -q /home/anyacc/public_html/wi"/> 
<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/> 
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/>

f) This is IMPORTANT. You need to enter the right code in the command text area.

NOTE: You will receive a message every time this job runs. Using your main e-mail address is not recommended 

Minute	Hour	Day	Month	Weekday	Command
<input type="text" value="*/15"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="/usr/local/bin/php -q /home/anyacc/public_html/wi"/> 
<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/> 
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text" value="*"/>	<input type="text"/>

The command is :

/usr/local/bin/php -q /home/{account}/public_html/{folder name}/crnvirusscan.php

For this example we use:

```
/usr/local/bin/php -q /home/anyacc/public_html/webserverguardian/crnvirusscan.php
```

ACCOUNT NAME

FOLDER WHERE YOU UPLOAD THE WEB SERVER GUARDIAN



g) Click **Commit Changes** button to update the cron jobs.

Step 3: Open and Configure the Web Server Guardian

The following steps are very important since you will customize the tool to enforce the security.

1) Open the webserverguardian to your browser. For this example the URL is <http://www.anyserver.com/webserverguardian>. This is just a sample url, you must provide your own url where you installed the tool.

Login

Please enter your email and password to login as a valid member.

Select your favorite language.:

English ▼

Email:

admin@email.com

Password:

••••••••

Login

[Did you forget your password?](#)

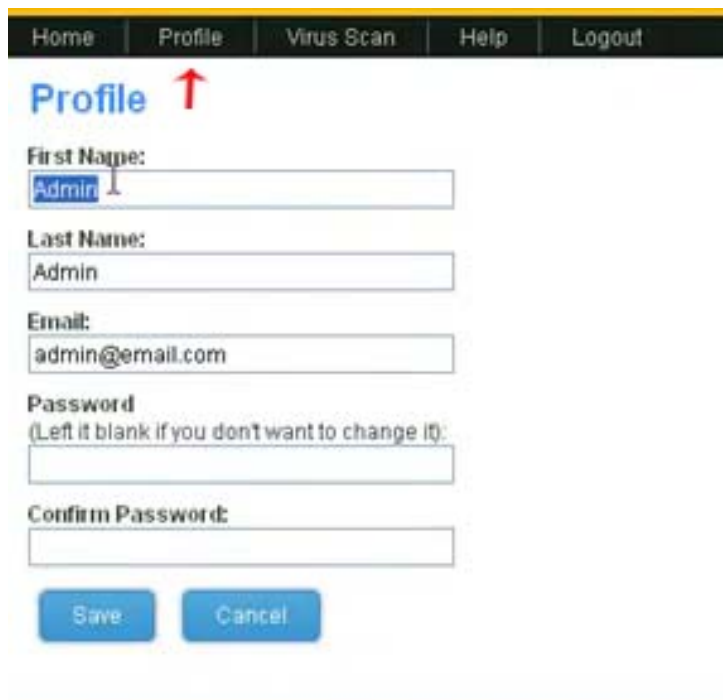
2) Select your desired language. This setting will remain for the next sessions until you decide to change it.

3) Enter the username and password and click "Login" button to login.

Reminder:

The default username is **admin@email.com** and the default password is **admin123**.

4) Go to **Profile** to change your First name, Last name, Email and Password then click "Save".



The screenshot shows the 'Profile' page of the Web Server Guardian application. At the top is a navigation bar with links: Home, Profile, Virus Scan, Help, and Logout. Below the navigation bar, the word 'Profile' is displayed in blue with a red upward-pointing arrow next to it. The form contains five input fields: 'First Name' (containing 'Admin'), 'Last Name' (containing 'Admin'), 'Email' (containing 'admin@email.com'), 'Password' (with a hint '(Left it blank if you don't want to change it)'), and 'Confirm Password'. At the bottom of the form are two blue buttons: 'Save' and 'Cancel'.

You have finished installing the Web Server Guardian!

One final step needed: Now you'll need to login and click on the HELP section inside the admin panel where you can have the tutorials showing you how to use the software!