CS·CART®

Installation Guide

Web server environment

CS-Cart is developed to meet most server configurations ranging from shared hosting accounts to dedicated servers. In fact, there are only two core things that your host must have to run CS-Cart:

- **PHP** version **5.1** or greater;
- **MySQL** version **4.1** or greater.

This makes CS-Cart compatible with almost every server that supports PHP and MySQL. However, we recommend **Apache** or any interchangeable alternative as the most robust and stable server for your web store.

Other requirements and recommendations include:

- **mod_security** module for Apache is disabled;
- **safe_mod** is disabled;
- **file_uploads** is enabled;
- **cURL** is enabled;

  This PHP extension is required to ensure support for secure connections and some payment systems, including PayPal, Authorize.Net and Google Checkout, as well as real-time shipping rate calculators for FedEx and DHL/ Airborne;

- **GD library** is installed;
- **.htaccess** directory-level configuration file (if available) has the following directives allowed: DirectoryIndex, Deny, Allow, Options, Order, AddHandler, RewriteEngine, RewriteBase, RewriteCond and RewriteRule.

Server operating system

With respect to the server operating systems, we recommend a Unix-based operating system like **FreeBSD** or **Linux Red Hat**, but a Windows-based server will do. Our commitment to Unix-like systems is confirmed by their well-known scalability, better security capabilities and higher performance level.

These instructions are the same for all CS-Cart editions and apply to CS-Cart Community, CS-Cart Professional and CS-Cart Multi-Vendor.

Before the Installation

There are a few things that you need to have and do before you begin installing CS-Cart. These are:

1. Check that your web server meets the **minimum system requirements**.

2. Ensure that you can access your web server via **shell** or **FTP**.

3. Connect to your MySQL server and **create a database** for CS-Cart.

4. Check that you know a License number for CS-Cart unless you are going to install the trial version.

5. **Download** the latest release of CS-Cart from the File Area of your Help Desk account

   (helpdesk.cs-cart.com) or from the CS-Cart website (www.cs-cart.com/trial.html), if you are installing the trial version.

Installation

Step 1: Download and Extract

First download the compressed distribution package with the CS-Cart files to your local computer.

Now you need to place the files in a web accessible directory on your server or hosting account. This can be either the web root or any of its subdirectories like `<web_root>/store/`. If you nest the files directly in the web root, the store home page will have the URL like `http://www.example.com/index.php` . Otherwise, the URL will contain the name of the subdirectory right after the domain name, for example, `http://www.example.com/store/index.php` .

- If you have **shell access** to your web server and are comfortable with using a console terminal, upload the compressed distribution package to the required directory on your web server and extract the archive using one of the following shell commands.

```
gunzip < cscart_v2.1.x.tgz | tar -xvf -
```
  or
```
tar -xzvf cscart_v2.1.x.tgz
```

- If there is only **FTP access** available, extract the archive on your local computer and then use your favorite FTP client to put the files from the package to the required directory on your web server. Make sure you retain the original file and directory structure.

Step 2: Adjust File Permissions

Change the original file permissions as advised below.

```
> chmod 666 config.local.php
> chmod -R 777 images
> chmod -R 777 skins
> chmod -R 777 var
```

- `chmod 666` command makes the file readable and writeable for the file owner, group and other users.
- `chmod -R 777` command makes the directory and all the included files and subdirectories readable, writeable and executable for all users.

Step 3: Run the Installation Wizard

Point your favorite web browser to run the installation script.

- If you placed the CS-Cart files directly in the web root, open `http://www.example.com/install/`
- If you placed the CS-Cart files to a subdirectory like `<web_root>/store/`, open `http://www.example.com/store/install/`

Make sure to replace the *www.example.com* part from the examples with your true domain name.

This will open the Installation Wizard that will guide you through the installation. It is important to complete every step of the Wizard until you see a screen saying that the installation is complete.

Step 3.1: License Agreement

Please thoughtfully read the CS-Cart License Agreement, and select the check box below the text of the Agreement to confirm that you agree with the conditions of the Agreement. If you do not agree with any part of the Agreement, stop the installation by closing the current page of the web browser.

> This license agreement (hereinafter referred to as the "Agreement") constitutes a contract between Simbirsk Technologies Ltd., Ulyanovsk, Russian Federation, which is the owner of exclusive rights to the CS-Cart Shopping Cart Software (hereinafter referred to as the "Copyright Owner"), and you (hereinafter referred to as the "User").
>
> This Agreement contains definitions and conditions under which the User can use CS-Cart Shopping Cart Software Professional Edition.
>
>
> TERMS AND DEFINITIONS
>
> All terms given in this section of the Agreement shall have the following meaning for this Agreement only, and shall not be construed to suggest otherwise when used in respect of the conditions set forth in this Agreement.
>
> CS-Cart Shopping Cart Software means the software registered at the Federal Service for Intellectual Property, Patents and Trademarks Regulations of the Russian Federation (certificate of official registration of a computer program #2007610394) and at the U.S. Copyright Office of the Library of Congress (certificate #TX 6-852-685).
>
> CS-Cart Shopping Cart Software Professional Edition means one of the editions

☐ I accept CS-Cart Software License Agreement

Next >

If it is not the first time that you have been installing CS-Cart to this directory, the Wizard will ask you to enter the Auth Code for the CS-Cart installation. This is a protection from unauthorized access to the installation script.

Please enter the **AUTHENTICATION CODE**: [   ]
* Authentication code can be found at the very bottom of the "config.local.php" file

⦿ New installation
○ Reinstall only skins

Click on **Next** to continue.

Step 3.2: Checking Server Environment

At this step, the Wizard checks that your web server meets the minimum system requirements to run CS-Cart. If some of the tested parameters are indicated as failed, you need to fix them before you can proceed to the next step of the Wizard and continue the installation.

Click on **Next** to continue.

Step 3.3: Host And Database Settings

At this step, you need to provide the details of your web server host and MySQL server as well as specify your License number and define other parameters.

The fields in this form mean as follows:

- Server host name - DNS name of the server on which you are installing CS-Cart.
- Server host directory - Web directory where CS-Cart files are located.
- Secure server host name - DNS name of the secure server to ensure HTTPS access to your store.
- Secure server host directory - Web directory on the secure server where CS-Cart files are located.
- MySQL server host - DNS name or the IP-address of your MySQL server.
- MySQL database name - Name of your MySQL database.
- MySQL user - Username for your MySQL user account.
- MySQL password - Password for your MySQL user account.
- Secret key to encrypt orders data - Custom sequence of alphanumerical symbols to be used as the key for the Blowfish encryption algorithm. This is used to conform to the Protect Cardholder Data part of PCI Data Security standards.
- Administrator e-mail - Email address of the store administrator at which you will receive email notifications.
- License number - Your CS-Cart license number. If you are installing the trial version, simply leave this field blank.
- Additional languages - Select the languages that must be available in the store.
- Install demo data - If selected, the Wizard will import a sample product catalog and some other demo data so you can test the store.

Click on **Next** to continue.

Step 3.4: Updating the Database

The installation script updates the CS-Cart configuration, creates database tables and populates the database with demo data if you have selected to do so.

Click on **Next** to continue.

Step 3.5: Choosing a Skin

At this step, you need to choose a skin for the storefront by selecting the skin name from the drop-down box. A preview of the selected skin is available below the box.

Click on **Next** to continue.

Step 3.6: Installing the Skin

Now the Wizard is installing the skin that you have selected at the previous step.

Click on **Next** to continue.

Step 3.7: Summary

This is the final step of the Wizard where the script reports of the successful installation and provides links to the storefront and the Administration panel as well as your credentials to access the Administration panel. Pay special attention to the alphanumeric code included in the message. This is the authorization code (Auth code) to run the installation script again.

> **Congratulations!** The installation has been done successfully.
>
> If you need to reinstall the software, you will be prompted to enter your authentication code: **3ZTM3OGM**
>
> > **Attention!** It is strongly recommended to remove or rename the **install** directory and rename default **admin.php** script (check the <u>Knowledge base</u>) for security reasons now.
> >
> > Also it is recommended to change the access permissions for the **config.local.php** file. It should have 644 (read/write for the file owner and read for others) permissions.
>
> Click on the link below to access the **customer front-end**:
> http://www.example.com/cscart/index.php
>
> Please use the following link to access the **administrator panel**:
> http://www.example.com/cscart/admin.php
>
> The default administrator username and password are as follows:
> Username: **admin**
> Password: **admin**
>
> **Thank you for choosing CS-Cart.**
> **We wish you success in your e-business.**

After the Installation

Once the installation is complete, it is strongly recommended that you take the following steps to protect the current installation and the CS-Cart source code.

1. Rename the directory `install/` or make it password protected.
2. Change the default administrator password.
3. Remove the distribution package from the web accessible directory on your server.
4. Change the access permissions for the configuration file config.local.php as advised below.

```
> chmod 644 config.local.php
```

The `chmod 644` command leaves the file readable and writeable for the file owner and makes it readable for all other system users. The file contents cannot be viewed in a browser though.