

OnShop Installation Guide

Introduction

This document explains the steps necessary to install OnShop onto your web-server. OnShop is a dynamic CMS web-application, and therefore requires several widespread client and server technologies to be supported. The following versions have been tested to be fully compatible. Newer versions may also be compatible, but have not been verified.

Server

These must be supported by the server running the application for correct functionality.

Technology	Version(s)
Apache	2.4.2
PHP	5.4.4 – 5.5.9
MySQL	5.5.25a

Alternatively, XAMPP may be used as a complete package of the above technologies. Tested compatible versions of XAMPP are 1.8.0 through 1.8.3.

Client

The product has been tested on the latest available versions of the most common browsers as of April 2014. Owing to the usage of modern JavaScript, CSS3, and HTML5; some older browsers will not be compatible.

Browser	Version(s)
Firefox	28.0
Chrome	33.0
Safari	5.1.7
Internet Explorer	10, 11
Opera	20.0

- Newer versions of Safari have not been tested, due to Mac requirement.
- Internet Explorer behaves unreliably on the admin pages, and is therefore not recommended for that purpose.

Mobile Devices

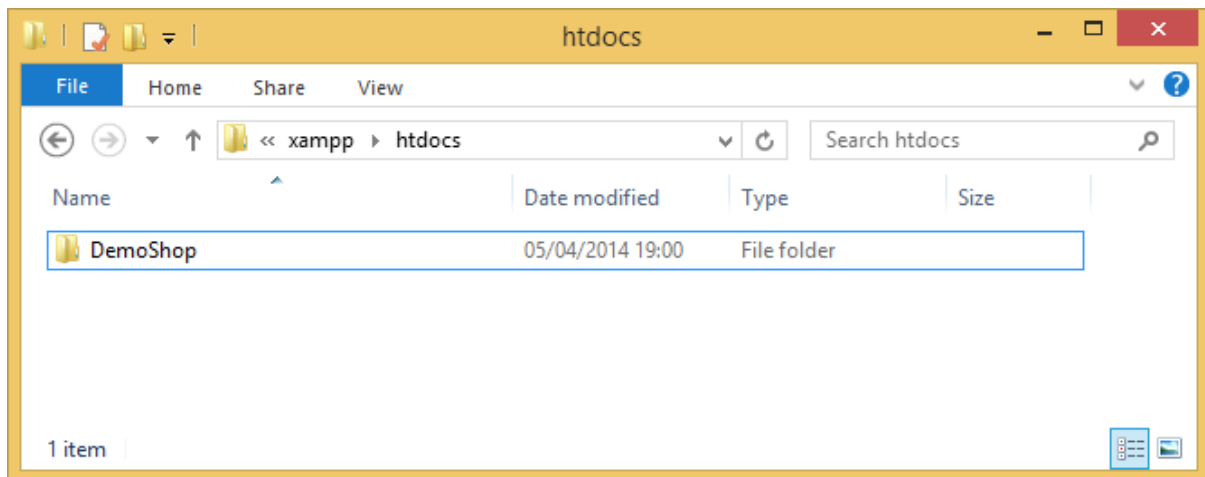
The application has been designed to support mobile and tablet screen sizes and resolutions through responsive CSS and touch-friendly menu items. If future customisation is desired, 2 media query breakpoints are positioned at the end of the main 'style.css' document.

Server Installation

Step 1

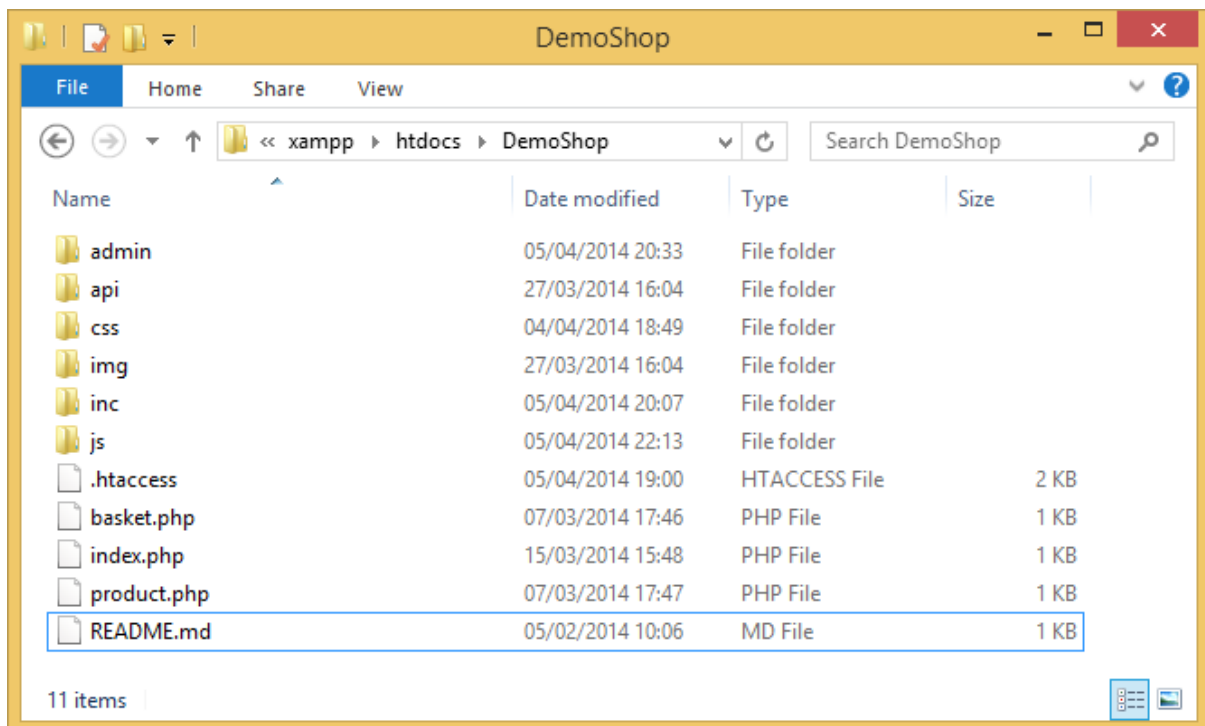
Begin by copying (and extracting, if necessary), the root folder into the directory you have configured for use by your webserver. This is commonly 'htdocs'.

This root folder can be renamed, and by default will cause a change in the URL path to your web-store. Here, the folder has been copied and renamed.



Note: Renaming the folder can only be done prior to installation. If you wish to rename the folder afterwards, re-installation is necessary and can be triggered by deleting the 'config.php' file in the 'inc' directory. You will lose all data unless you transfer databases afterwards.

The contents of this folder should be as below. If another containing folder is present (as can occur with extraction) move the directories up one level.

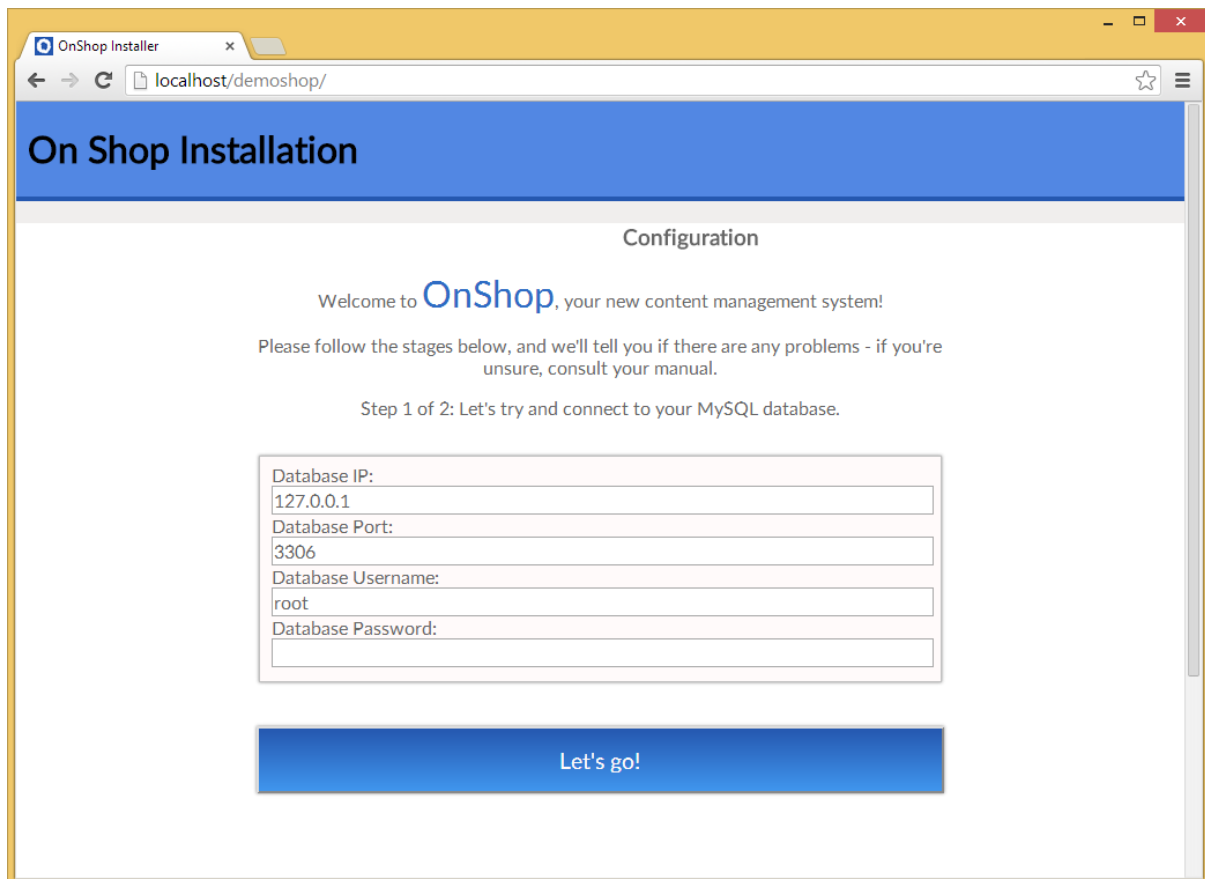


Step 2

Navigate to the directory you have copied the files to in a browser. In our localhost example, with the application installed in htdocs as “DemoShop”, the URL would be:

`http://localhost/demoshop`

The installation guide should be presented to you. If it is not, ensure the ‘config.php’ file is not present in the ‘inc’ folder of the program. Initially you will see the following form.

The image shows a web browser window with the title "OnShop Installer". The address bar shows "localhost/demoshop/". The page has a blue header with the text "On Shop Installation". Below the header, the page is titled "Configuration". It says "Welcome to OnShop, your new content management system!" and "Please follow the stages below, and we'll tell you if there are any problems - if you're unsure, consult your manual." It then says "Step 1 of 2: Let's try and connect to your MySQL database." There is a form with four input fields: "Database IP:" with the value "127.0.0.1", "Database Port:" with the value "3306", "Database Username:" with the value "root", and "Database Password:" which is empty. Below the form is a blue button with the text "Let's go!".

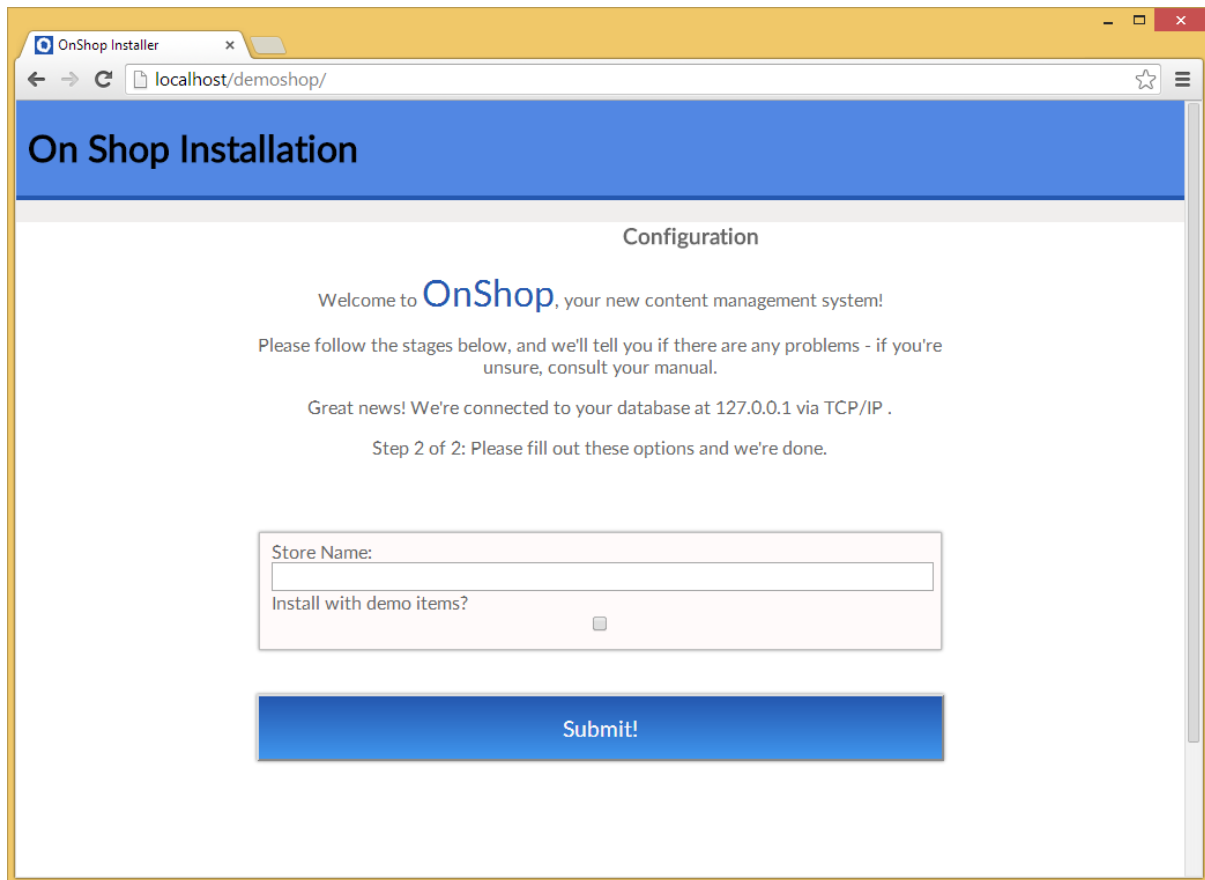
This form will attempt to connect to your database.

1. Enter the IP address of the server running MySQL. If this is the same machine as your web-server, use the default value of 127.0.0.1.
2. Enter the port assigned to the database server. The default of MySQL is 3306.
3. Provide the user credentials for a database user. This user must have sufficient privileges to CREATE databases, and UPDATE tables. Using a default XAMPP configuration, this would be the user “root” and an empty password field.

The settings you entered are tested when the form is submitted, so there may be a slight delay. If the application could not successfully connect to the database, this form is displayed again.

Step 3

With the database connection successful, the remaining choices are for customisation.

The screenshot shows a web browser window titled 'OnShop Installer' with the address bar showing 'localhost/demoshop/'. The page has a blue header with the text 'On Shop Installation'. Below the header, the section is titled 'Configuration'. The main content area has a light gray background and contains the following text: 'Welcome to OnShop, your new content management system!', 'Please follow the stages below, and we'll tell you if there are any problems - if you're unsure, consult your manual.', 'Great news! We're connected to your database at 127.0.0.1 via TCP/IP .', and 'Step 2 of 2: Please fill out these options and we're done.' Below this text is a form with a 'Store Name:' label, a text input field, and a checkbox labeled 'Install with demo items?'. At the bottom of the form is a large blue button labeled 'Submit!'.

1. Enter a store name. It's recommended to keep this fairly short (less than 18 characters), for display on mobile devices.
2. Choose to install demo items. This is recommended. This can verify successful installation, as well as to showcase other features of the application. The demo products can be easily removed from the admin pages afterwards.

Note: Should you wish to change the store name after installation, this can be done by editing line 16 of "inc/config.php".

The final stage should present a link to your installed store. Your store will now be accessible at the same address as the installer was before; such as:

<http://localhost/demoshop>

Admin functionality is accessed through the admin link in the footer. For security, limit the access available to this admin subdirectory through Apache.

For details on managing orders, as well as adding, removing and updating items – see the User Manual. These documents are also available through the help hyperlink in the website footer.

Possible Issues

Problem	Solution
The installer returns this error: "Could not connect to database: No connection could be made because the target machine actively refused it."	You successfully connected to a server, but it was blocked. This is caused by either an incorrect server address or an incorrect port number.
The installer returns this error: "Could not connect to database: Access denied for user '<user>'@'<address>' (using password: YES)"	Your user credentials are not accepted by the MySQL server, double check your details. If they are correct, increase the permissions associated with that account.
The installer returns this error: "A connection attempt failed because the connected party did not properly respond after a period of time or established connection failed because connected host has failed to respond."	This is due to an unsuccessful connection attempt. First verify this is the correct address for the MySQL server. If so, check that MySQL is running and that access is not being blocked by a firewall or security settings.
A PHP error – "Warning: include(<path>/inc/header.php): failed to open stream: No such file or directory in..."	This can occur if you have an inappropriate configuration file. Find "inc/config.php" in your installation directory and remove it. Then try navigating to your installation again.
Upon submitting the first installation form, I am redirected to a page showing a JSON string similar to {"success":true,"message":"127.0.0.1 via TCP/IP\n"}.	This can happen when using a browser without sufficient JavaScript support, such as Internet Explorer 8. Please try again using a more modern browser.
This error message appears: "It seems some parts of the application cannot be reached."	This is the result of a failed AJAX request. This could be due to missing files – so try recopying or extracting your original directories.

Further Support

If you encounter any other problems, or the solutions above do not help, please contact the developer:

support@example.com