

ASLSteamHub Test Environment Setup Guide

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This guide will help you set up a test environment for testing new features, and to bug fix any problems that may arise from the new features before moving onto the staging environment.

1. Create a document root for testing

- Log in to cPanel
- Go to domains in cPanel
- Check what your main domain's document root is
- Go to file manager in cPanel
- Go to your main domain's document root (e.g., public_html)
- Create a test subdirectory within the document root (e.g., /public_html/test_env)
- This will be where your test files go

2. Create a subdomain for testing

- Go to domains in cPanel
- Click on create a new domain
- Give an appropriate test domain name like test_yourdomainname.com
- Set the document root to your test subdirectory (e.g., /public_html/test_env)
- Create the domain

3. Setup the website test files (2 options)

Setting up a git repository on cPanel is the better option if you plan on doing numerous small tests to your website. (Small changes, large test amount)

Directly uploading your website test files is the better option if you plan on doing a small amount of tests to your website. (Big changes, low test amount)

a. Set up a git repository on cPanel

i. If git repository private

- Go to your GitHub, settings, developer settings, personal access tokens, and then tokens (classic)
- Click "Generate new token" and choose the classic option

- Give it an appropriate name and expiration date
 - Give it access to repo and click on “Generate token”
 - Copy the token and store it somewhere safe
 - Enter your GitHub repository clone **HTTPS** from your repository in “Clone URL”
 - Add your token in front of your HTTPS url in this format:
 - https://your_token@github.com/yourusername/repo.git
 - (e.g., https://ghp_ABC123@github.com/myusername/private-repo.git)
 - Then click on “Create”
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- Go to “Git Version Control” in cPanel
 - Click on create
 - Enter your GitHub repository clone **HTTPS** from your repository in “Clone URL”
 - (Optional) Choose a repository path in your file manager for your repositories (System will create the directory when it creates/clones the repository if left blank)
 - Click on “Create”
 - Navigate to your Git Repository Directory in file manager
 - Select all the files and folders inside the repository
 - Click on copy or move
 - Set the destination to your test directory and move the files

b. Directly uploading test files into cPanel

- Go to file manager in cPanel
- Navigate to your test subdirectory (e.g., /public_html/test_env)
- Click on upload, and select your website test files from your computer
- Ensure all files are in the correct location for testing

4. Set up a test database

- Go to “Manage My Databases” in cPanel
- Under “Create New Database”, enter a name for your database
- Click on “Create Database”
- Under “Add New User” in “Manage My Databases”, enter a username and password
- Click on “Create User”
- Under “Add User to Database” in “Manage My Databases”, select the user you created and select the database you created
- Click on “Add”

5. Import current database

- Go to phpMyAdmin in cPanel
- Select the live database
- Click on “Export”, select “Quick” for export method, and SQL format, then export it
- Download the .sql file

- Select the test database in phpMyAdmin
- Click on "Import", then upload the .sql file