

Snipe-IT Installation on Windows Server/IIS

Snipe-IT 3.6

Tested on Windows Server 2008 R2, 2012 R2

0. Download Prerequisites
 - a. .Net 3.5 (for installation on Server 2008R2)
 - b. Microsoft Web Platform Installer
 - c. MySQL: .Net 4.0
 - d. MySQL: Visual C++
 - e. MySQL Community Edition or MariaDB
 - f. Optional: Notepad++
1. Install Prerequisites

<https://snipe-it.readme.io/docs/requirements>

 - a. Web Server
 - i. If running Server 2008 R2, install .Net 3.5 (requires restart)
 - ii. Add Windows PowerShell feature
 - iii. Add IIS Role
 - iv. Run Microsoft Web Platform Installer and install PHP >= 5.5.9 (will also install PHP Manager, Microsoft Drivers for PHP 5.5.x for SQL Server)
 - v. Enable needed PHP extensions
 - Note: some extensions are already built-in to PHP > 5.5
 - vi. Verify GDLibrary is installed and enabled (php_gd2.dll)
 - vii. Verify URL Rewrite 2.0 is installed
 - viii. Optional: install Notepad++ on server to facilitate configuration file editing
 - b. Database Server (MySQL) – can be installed on web server or separate server
 - i. Install .Net 4.0 (requires restart)
 - ii. Install Visual C++ 2013 Runtime
 - iii. Install MySQL Community Edition
2. Download Snipe-IT

<https://snipe-it.readme.io/v3.0/docs/downloading>

 - a. Save ZIP on web server
3. Create a Database and DB User (MySQL)

<https://snipe-it.readme.io/v3.0/docs/creating-a-database-and-db-user>
4. Configure Snipe-IT For Your Environment

<https://snipe-it.readme.io/docs/windowsiis>
<https://snipe-it.readme.io/v3.0/docs/configuration>

 - a. Create “snipe-it” folder in root IIS folder (C:\inetpub\wwwroot\snipe-it)
 - b. Extract Snipe-IT zip to snipe-it folder
 - c. Create new IIS site (per documentation)
 - d. Update web server folder permissions (per Windows/IIS documentation)
 - e. Create copy of .env.example file (.env.edited)

- f. Edit new .env file and enter Required/Basic settings (per Configuration documentation)
 - i. Note: APP_URL must match IIS binding hostname and port
 - g. After saving changes, rename file edited .env file to simply ".env"
 - i. In Windows systems, Windows Explorer will not allow this. Run the following command in a Command Prompt window: "rename .env.edited .env"
5. Install Dependencies Via Composer
 - <https://snipe-it.readme.io/v3.0/docs/install-dependencies>
 - <https://github.com/snipe/snipe-it/issues/2408>
 - a. Download Composer-Setup.exe and copy file to Snipe-IT folder
 - b. Run Composer-Setup.exe (as regular user, not Administrator) and follow install prompts
 - c. After Composer setup is complete, open Command Prompt from Snipe-IT folder and run the following command: "composer install --no-dev --prefer-source" to install needed dependencies
6. Generate App Key
 - <https://snipe-it.readme.io/docs/generate-your-app-key>
 - a. Open Command Prompt from Snipe-IT folder and run the following command: "php artisan key:generate"
 - i. Note: this process creates the application key and also updates the .env file with that same key.
7. Configure Your Web Server
 - <https://github.com/snipe/snipe-it/issues/2489>
 - <https://snipe-it.readme.io/docs/windowsiis>
 - a. Delete any existing URL Rewrite rules
 - b. Import URL Rewrite rules in from public\htaccess file
 - i. Note: IIS does not process the last rule properly – according to the developer, it should be removed during import
 - ii. Enable SSL on Snipe-IT site, update .env APP_URL if needed and restart IIS
OR
 - iii. Remove first URL rewrite rule
 - c. Set permissions on storage folder (C:\inetpub\wwwroot\snipe-it\storage) identical to uploads and cache folders as detailed in the Windows IIS procedure
 - d. Allow port through firewall (if applicable)
8. Pre-Flight & Setup
 - <https://snipe-it.readme.io/docs/pre-flight-setup>
 - a. Follow setup wizard and enjoy!