

Noventum SiteSpinner Plugin Specification

Overview: This powerful plugin allows WordPress developers to quickly create new WordPress sites, already configured, on the same server.

- Sites are setup and fully configured via WordPress plugin configuration options.
- Sites are setup to be accessible via subdomains.
- The plugin is currently only supported on modern Ubuntu servers.
- The plugin must be setup with root privilege.
- **We want our customers to work with us and express their needs for this plugin.**

Site Setup Modes:

- Apache2 based, full user tenancy.
 - This mode creates a new user, and puts WordPress files in their home directory.
 - The new user can log in to the server, manage their WordPress files, access their database, and use their new WordPress site.
- Apache2 based, no user.
 - This mode creates WordPress files owned by the user running apache2.
 - A new database is secured by a randomly generated password.
- ServerPilot based.
 - This mode uses the ServerPilot API to issue WordPress app creation and new system user creation.
 - The new user can log into the server and manage their new WordPress site to a different degree than the custom apache2 full user tenancy allows.

DNS Setup Modes:

- GoDaddy.
 - Uses the GoDaddy API to setup a new DNS A record to a new subdomain.
- AWS Route53.
 - Uses the AWS API through the AWS PHP client to setup a new DNS A record to a new subdomain.
- No DNS setup.
 - This is highly recommended for users who are testing the plugin or need to setup DNS for their new site in a special way.

Other Features:

- Site Management Page.
 - On this page you can see sites that you have spun-up.
 - You can try to setup SSL for sites and visit them from here.

Improvements:

- Secure the delete-site.sh script to the site management page.
- Abstract the public-facing gravity form ids into the code base, to execute the same create_site() function.
- Abstract the DNS setup code into separate classes and functions.
- Add a setup SSH key option to either the site spinner form, the site management page, or to the configuration page.
- Marketing video.