INTRODUCTION TO WORDPRESS

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OBJECTIVES

- About WordPress
- Content Management Systems and its features
- Advantages and Disadvantages of CMS
- System Requirements for WordPress
- Installation Process
  - Dashboard menu

WHAT IS WORDPRESS? (WP)

WordPress is an open source **Content Management System (CMS)**, which allows the users to build dynamic websites and blogs. WordPress is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components.

- WordPress was initially released on 27th May, 2003 by Matt Mullenweg and Mike Little.
- WordPress was announced as open source in October 2009.

WHAT IS CONTENT MANAGEMENT SYSTEM (CMS)?

- The **Content Management System (CMS)** is a **software** which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website.

FEATURES OF CMS

1. **User Management** – It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator), create or delete the user, change the password and user information. The main role of the user manager is **Authentication**.

2. **Media Management** – It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.

3. **Theme System** – It allows modifying the site view and functionality. It includes images, stylesheet, template files and custom pages.

FEATURES OF CMS

4. **Extend with Plugins** − Several plugins are available which provides custom functions and features according to the users need.
5. **Search Engine Optimization** − It provides several search engine optimization (SEO) tools which makes on-site SEO simple.
6. **Multilingual** − It allows translating the entire content into the language preferred by the user.
7. **Importers** − It allows importing data in the form of posts. It imports custom files, comments, post pages and tags.

ADVANTAGES OF WP

- It is an open source platform and available for free.
- CSS files can be modified according to the design as per users need.
- There are many plugins and templates available for free. Users can customize the various plugins as per their need.
- It is very easy to edit the content as it uses WYSIWYG editor (What You See Is What You Get is a user interface that allows the user to directly manipulate the layout of document without having a layout command).
- Media files can be uploaded easily and quickly.
- It offers several SEO tools which makes on-site SEO simple.
- Customization is easy according to the user's needs.
- It allows creating different roles for users for website such as admin, author, editor and contributor.

DISADVANTAGE OF WP

- Using several plugins can make the website heavy to load and run.
- PHP knowledge is required to make modifications or changes in the WordPress website.
- Sometimes software needs to be updated to keep the WordPress up-to-date with the current browsers and mobile devices. Updating WordPress version leads to loss of data, so a backup copy of the website is required.
- Modifying and formatting the graphic images and tables is difficult.

INSTALLATION PROCESS

System Requirements for WordPress

- **Database** – MySQL 5.0 +
- **Web Server** –
  - WAMP (Windows)
  - LAMP (Linux)
  - XAMP (Multi-platform)
  - MAMP (Macintosh)
- **Operating System** – Cross-platform
- **Browser Support** – IE (Internet Explorer 8+), Firefox, Google chrome, Safari, Opera
- **PHP Compatibility** – PHP 5.2+

INSTALLATION PROCESS

open the link and download the WordPress application :

https://wordpress.org/download/

WordPress.org
Search WordPress.org
Showcase
Themes
Plugins
Mobile
Support
Get Involved
About
Blog
Hosting
Download WordPress
Download WordPress
Stable Download
Requirements
Beta Releases
Nightly Builds
Subversion Access
Download Counter
Release Archive
Source Code
The latest stable release of WordPress (Version 4.3) is available in two formats from the links to your right. If you have no idea what to do with this download, we recommend signing up with one of our web hosting partners that offers a one-click install of WordPress or getting a free account on WordPress.com.
What's Next?
With our famous 5-minute installation, setting up WordPress for the first time is simple. We've created a handy guide to see you through the installation process. If you're upgrading your existing installation, we've got a guide for that, too. And should you run into any trouble along the way, our support forums are a great resource, where seasoned WordPress experts volunteer their time to help you get the most out of your blog.
Download WordPress 4.3
zip — 6.8 MB
Download .tar.gz — 6.2 MB
Release Notification
We've got a handy mailing list that we send a friendly message to whenever there's a new stable release for you to enjoy.
Join

INSTALLATION PROCESS

Create Store Database

- WordPress requires MySQL database.
- So create a new empty database with user/password (for example, **user** as "**root**" and **password** as "**root**" or else you can set as per your convenience).
- Then, you can continue with the installation process as discussed further.

INSTALLATION PROCESS

Set Up Wizard

- The following steps describe how to set up WordPress locally on your system.
- **Step (1)** − Extract the downloaded WordPress folder and upload it into your web server or localhost.
- **Step (2)** − Open your browser and navigate to your WordPress file path, then you will get the first screen of the WordPress installer as shown in the following screen. In our case, the path is **localhost/< Your_wordpress_folder >**.

INSTALLATION PROCESS

Select your language for the WordPress and click on **Continue**.

- **Step (3)** − In this step, you can view the information needed for the database before proceeding with WordPress installation.
- Click on **Let's go!**

English (United States)
العربية
Azərbaycan dili
Български
Bosanski
Català
Cymraeg
Dansk
Deutsch (Schweiz)
Deutsch
Ελληνικά
English (Canada)
English (UK)
English (Australia)
Continue

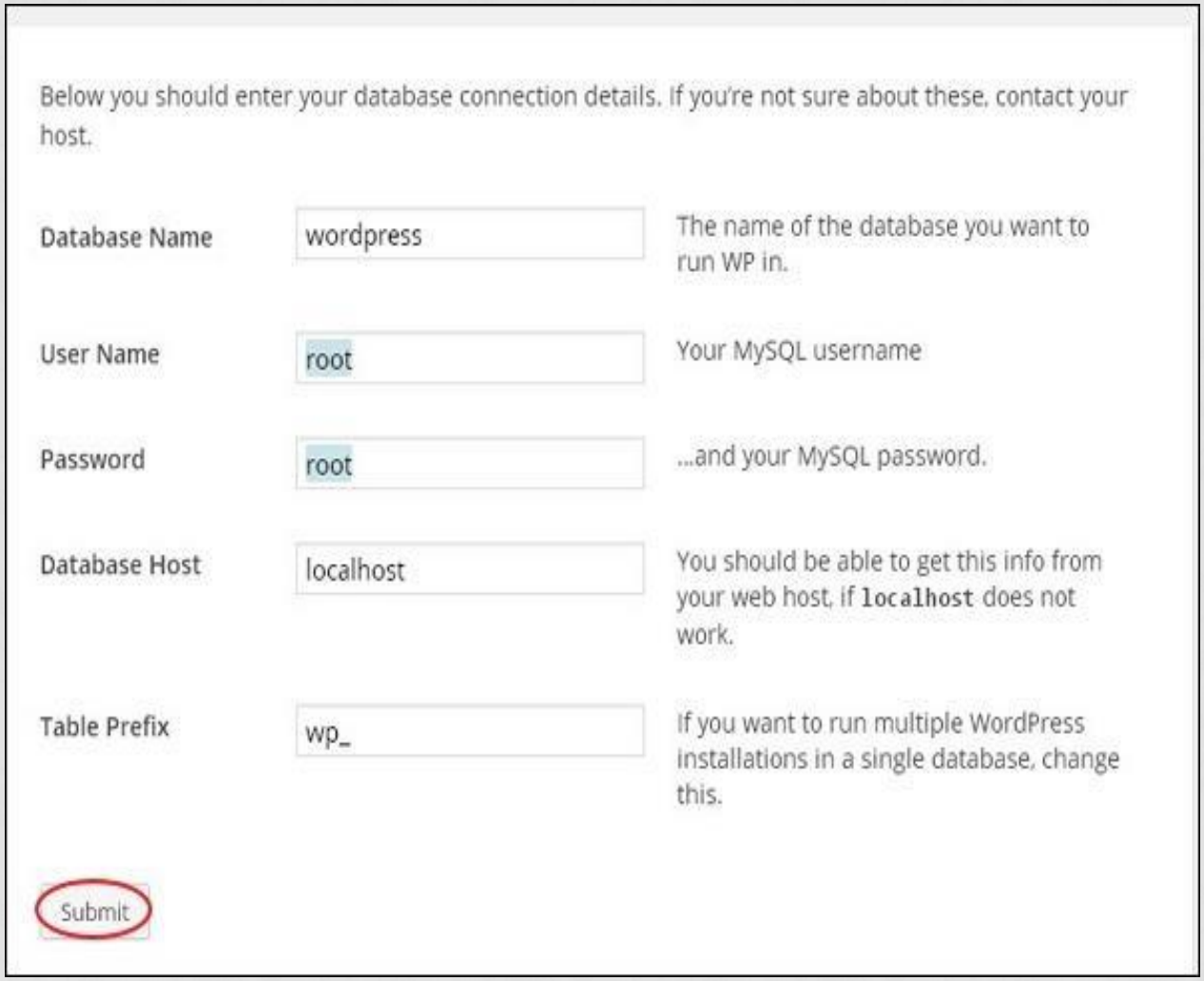
INSTALLATION PROCESS

- Click on **Let's go!**
- **Step (4)** − Here, you have to enter the information about the MySQL database as described in the following screen.

Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.
1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)
We're going to use this information to create a wp-config.php file. If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open wp-config-sample.php in a text editor, fill in your information, and save it as wp-config.php. Need more help? We got it.
In all likelihood, these items were supplied to you by your Web Host. If you do not have this information, then you will need to contact them before you can continue. If you're all ready...
Let's go!

INSTALLATION PROCESS

- **Database Name** − Enter the database name which you have created in MySQL database for WordPress.
- **Username** − Enter the user name of your MySQL database.
- **Password** − Enter the password which you had set for MySQL database.
- **Database Host** − Write the host name, by default it will be localhost.
- **Table Prefix** − It is used to add prefix in the database tables which helps to run multiple sites on the same database. It takes the default value.
- After filling all information, click on **Submit** button.


Below you should enter your database connection details. If you're not sure about these, contact your host.
Database Name
wordpress
The name of the database you want to run WP in.
User Name
root
Your MySQL username
Password
root
...and your MySQL password.
Database Host
localhost
You should be able to get this info from your web host, if localhost does not work.
Table Prefix
wp_
If you want to run multiple WordPress installations in a single database, change this.
Submit

INSTALLATION PROCESS

- **Step (5)** − WordPress checks the database setting and gives you the confirmation screen as shown in the following snapshot.
- Click on **Run the install**
- **Step (6)** − Enter administrative information.

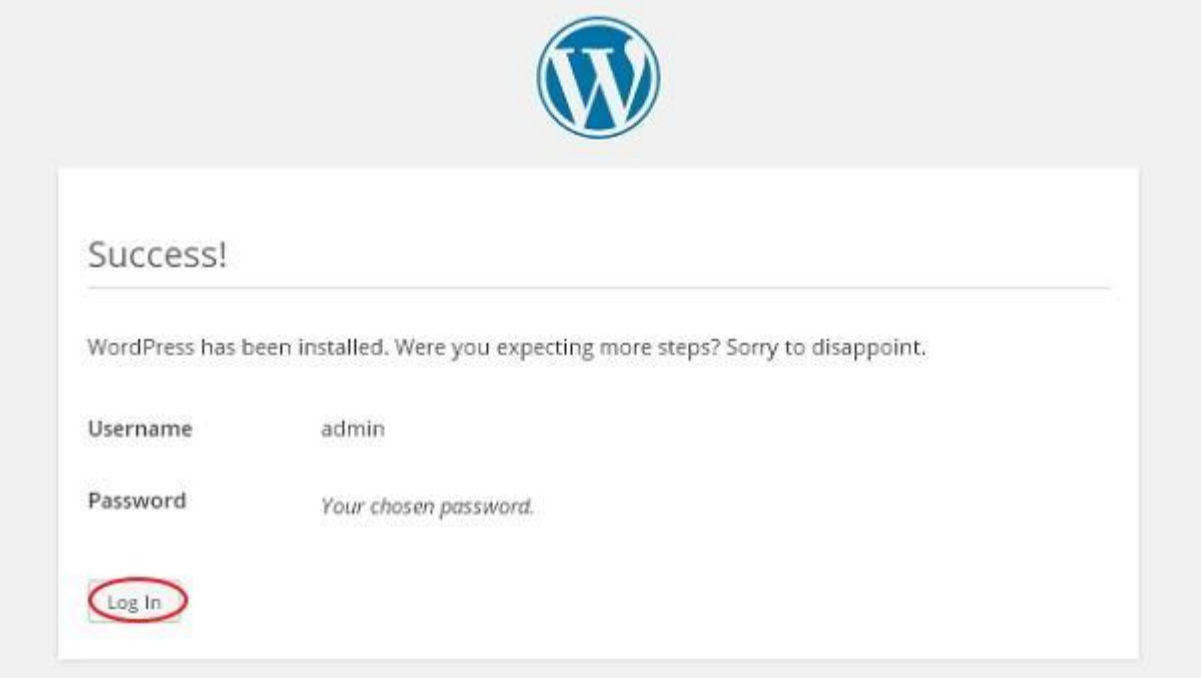
INSTALLATION PROCESS

- It contains the following fields −
- **Site Title** − Enter the name of the site which you are going to create in WordPress.
- **Username** − Enter the username as per your choice while logging in the WordPress.
- **Password twice** − Enter password two times to protect your site.
- **Your E-mail** − Enter your e-mail address which helps to recover the password or any update.
- **Privacy** − It allows the search engine to index this site after checking the checkbox.
- After filling all the information, click on the **Install WordPress** button.

Welcome
Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.
Information needed
Please provide the following information. Don't worry, you can always change these settings later.
Site Title
Tutorialspoint
Username
admin
Password, twice
Strong
Your E-mail
admin@tutorials.com
Privacy
Allow search engines to index this site.
Install WordPress

INSTALLATION PROCESS

- **Step (7)** − After installation being successful, you will get a screen of the stating success as seen in the following screen.

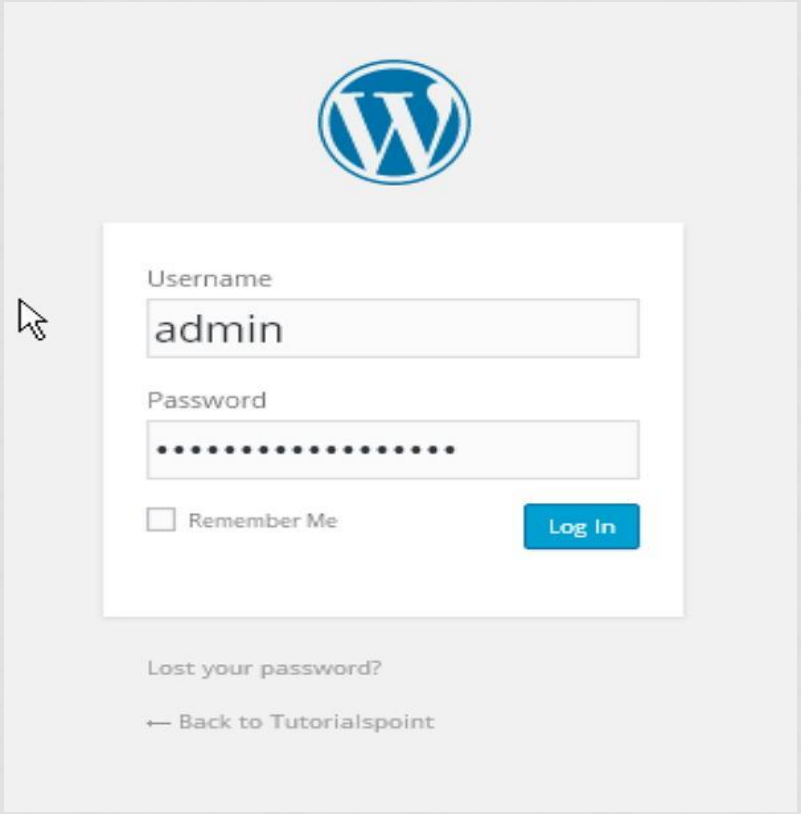


INSTALLATION PROCESS

- You can view your username and password detail added in WordPress.
- Click on **Log In** button.
- **Step (8)** − After clicking on login, you will get a WordPress Admin Panel as depicted in the following screen.

INSTALLATION PROCESS

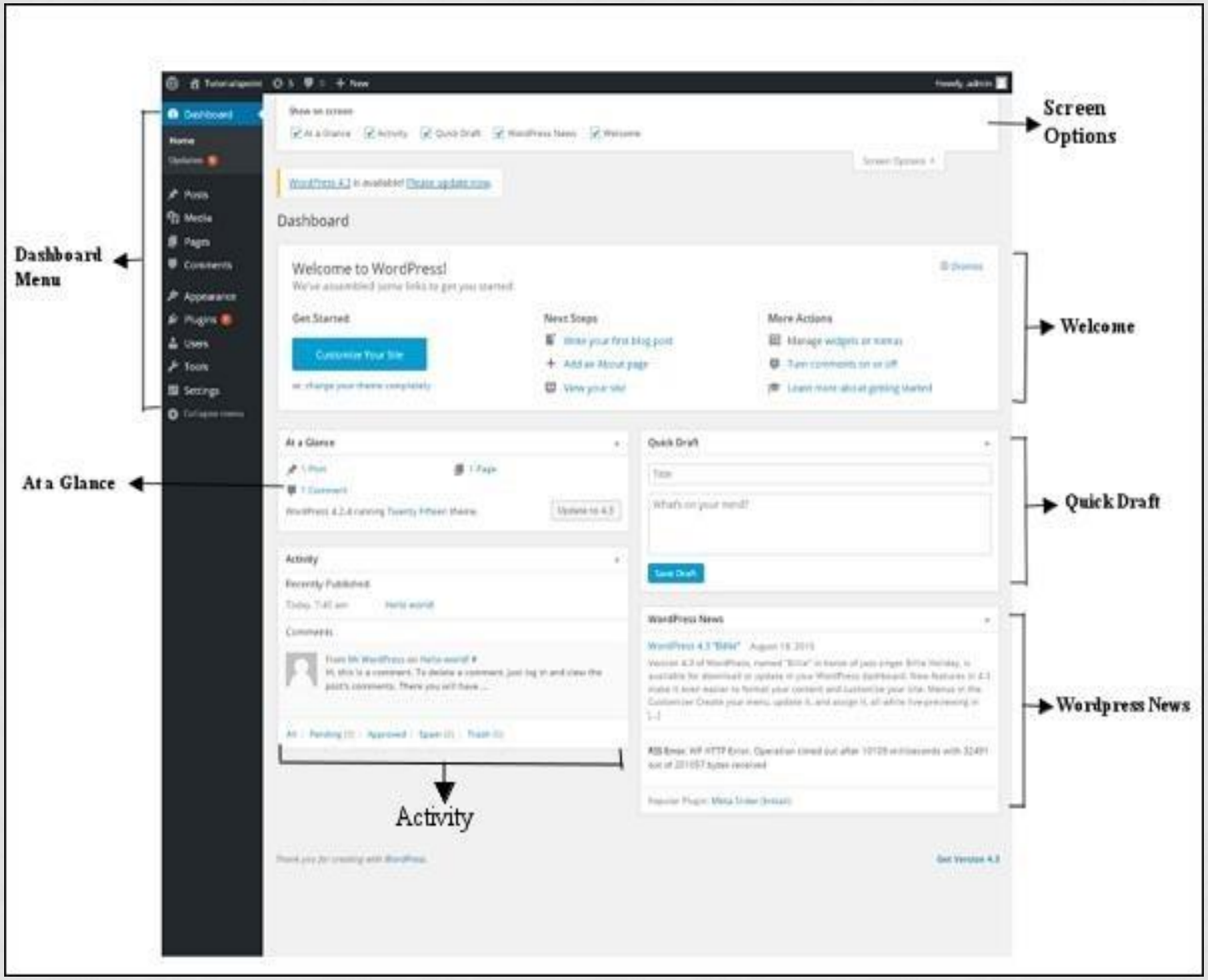
- Enter the username and password which you had mentioned during installation as shown in step 6 and click on the **Log In** button.



WP DASHBOARD MENU

Dashboard Menu

- The WordPress Dashboard provides navigation menu that contains some menu options such as **posts**, **media library**, **pages**, **comments**, **appearance options**, **plugins**, **users**, **tools** and **settings** on the left side.
- It is a collection of gadgets that provide information and provide an overview of what's happening with your blog.
- You can customize your needs by using some quick links such as writing quick draft, replying to latest comment, etc.
- Dashboard can be categorized as shown in the following slide.


Screen Options
Dashboard Menu
Welcome
At a Glance
Quick Draft
Wordpress News
Activity
Dashboard
Welcome to WordPress!
Get Started
Next Steps
More Actions
At a Glance
Quick Draft
Activity
WordPress News

DASHBOARD MENU

- The WordPress Dashboard provides navigation menu that contains some menu options such as posts, media library, pages, comments, appearance options, plugins, users, tools and settings on the left side.

DASHBOARD MENU

Screen Options

- The dashboard contains different types of widgets which can be shown or hidden on some screens. It contains check boxes to show or hide screen options and also allows us to customize sections on the admin screen.

Welcome

- It includes the **Customize Your Site** button which allows customizing your WordPress theme.
- The center column provides some of the useful links such as **creating a blog post**, **creating a page and view the front end of your website**.
- Last column contains links to widgets, menus, settings related to comments and also a link to the **First Steps With WordPress** page in the WordPress codex.

DASHBOARD MENU

Quick Draft

- The **Quick Draft** is a mini post editor which allows writing, saving and publishing a post from admin dashboard. It includes the title for the draft, some notes about the draft and save it as a Draft.

WordPress News

- The **WordPress News** widget displays the latest news such as latest software version, updates, alerts, news regarding the software etc. from the official WordPress blog.

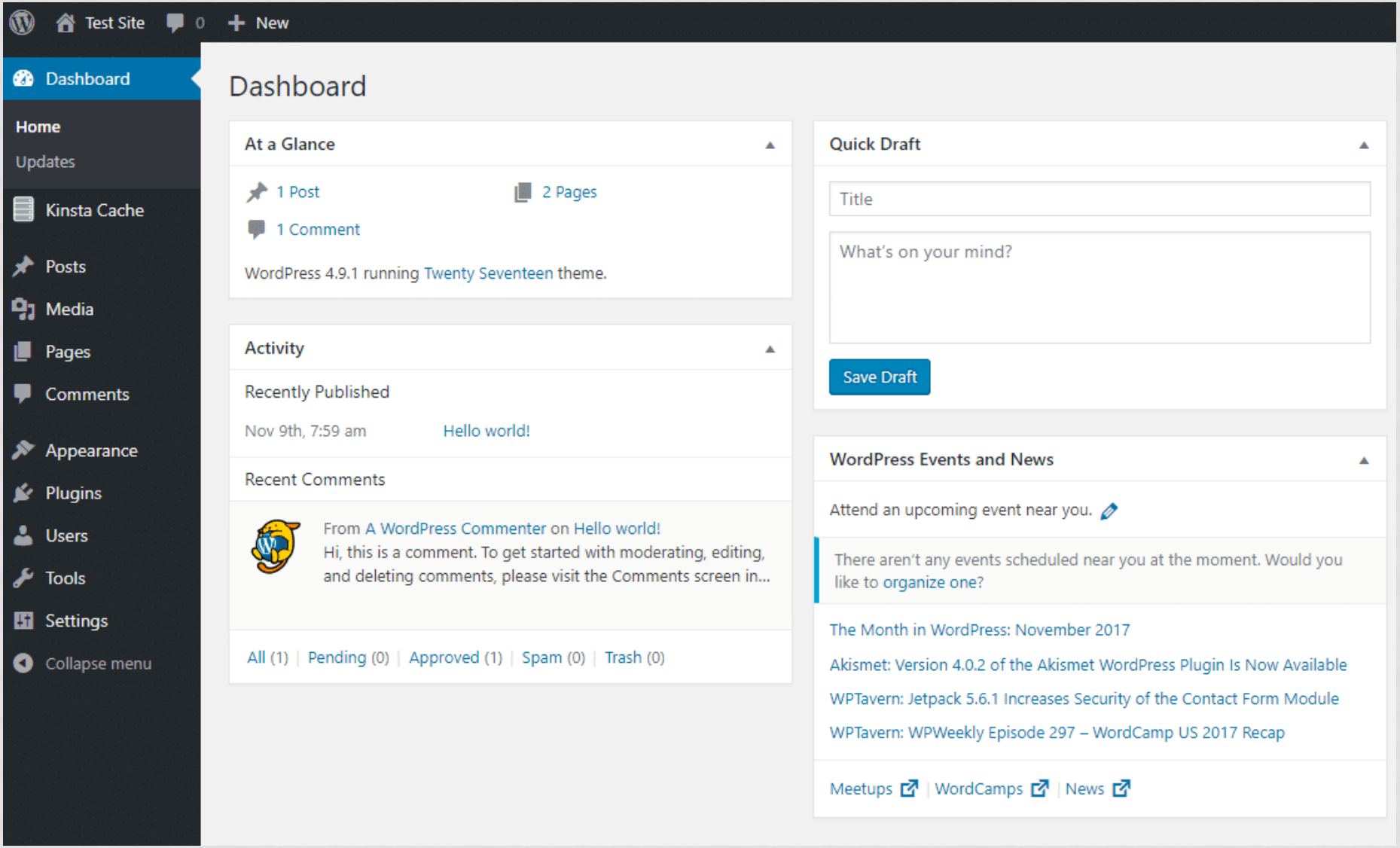
DASHBOARD MENU

Activity

- The **Activity** widget includes latest comments on your blog, recent posts and recently published posts. It allows you to approve, disapprove, reply, edit, or delete a comment. It also allows you to move a comment to spam.

At a Glance

- This section gives an overview of your blog's posts, number of published posts and pages, and number of comments. When you click on these links, you will be taken to the respective screen. It displays the current version of running WordPress along with the currently running theme on the site.



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