**WEB HOSTING**

Web hosting is a service that allows organizations and individuals to post a website or web page onto the Internet. A web host, or web hosting service provider, is a business that provides the technologies and services needed for the website or webpage to be viewed in the Internet. Websites are hosted, or stored, on special computers called servers. When Internet users want to view your website, they need totype yourwebsite address or domain into their browser. Their computer will then connect to your server and your webpages will be delivered to them through the browser.

**WordPress**

WordPress (also known as WP or WordPress.org) is a [web content management system](https://en.wikipedia.org/wiki/Web_content_management_system). It was originally created as a tool to publish [blogs](https://en.wikipedia.org/wiki/Blog) but has evolved to support publishing other web content, including more traditional websites, [mailing lists](https://en.wikipedia.org/wiki/Electronic_mailing_list) and [Internet forum](https://en.wikipedia.org/wiki/Internet_forum), media galleries, membership sites, [learning management systems](https://en.wikipedia.org/wiki/Learning_management_system) and [online stores](https://en.wikipedia.org/wiki/Shopping_cart_software). Available as [free and open-source](https://en.wikipedia.org/wiki/Free_and_open-source_software) software, WordPress is among the most popular content management systems. It was used by 42.8% of the top 10 million websites as of October 2021.

WordPress is written in [PHP hypertext pre-processor](https://en.wikipedia.org/wiki/PHP) language and paired with a [MySQL](https://en.wikipedia.org/wiki/MySQL) or [MariaDB](https://en.wikipedia.org/wiki/MariaDB) database. Features include a [plugin architecture](https://en.wikipedia.org/wiki/Plug-in_(computing)) and a [template system](https://en.wikipedia.org/wiki/Web_template_system), referred to within WordPress as "Themes".

To function, WordPress has to be installed on a [web server](https://en.wikipedia.org/wiki/Web_server), either as part of an [Internet hosting service](https://en.wikipedia.org/wiki/Internet_hosting_service) or on a computer running the WordPress software package.

WordPress was released on May 27, 2003, by its founders, American developer [Matt Mullenweg](https://en.wikipedia.org/wiki/Matt_Mullenweg) and English developer [Mike Little](https://en.wikipedia.org/wiki/Mike_Little). [WordPress Foundation](https://en.wikipedia.org/wiki/WordPress_Foundation) owns WordPress, WordPress projects, and other related trademarks.

**Features of WordPress**

* The most important features of WordPress are that we can create a dynamic website without any programming and design knowledge.
* WordPress is theme-based, providing options for various open-source and premium design themes that can be integrated easily without any designing knowledge.
* Plugins extend the functionality of WordPress, which can be used to add new required modules.
* WordPress sites are Search Engine Optimization (SEO) friendly, which means we can easily optimize the built-in WordPress for search engine listings.
* WordPress is Multilingual, which allows users to translate content into different languages.
* WordPress has an inbuilt Media Management System, which manages images, music, documents, etc., and can be used with text content.

**WordPress.com and WordPress.org**

WordPress allows to host a site in two ways,

1.WordPress.com

2. WordPress.org.

The primary thing that differs between these two approaches is the actual web host

**1.WordPress.com**

. Using WordPress.org, download the script free of charge and host it on a local machine or any web server.

**2. WordPress.org.**

In the case of WordPress.com, it takes care of every aspect, from hosting the site for you to providing features for managing the content. No need to set up a web server, pay for hosting, or even download an application, but yes, ads will be shown on your site.

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| **WordPress.org** | **WordPress.com** |
| It requires a separate web hosting account to run a WordPress site | sign up for an account or create a website or blog. |
| It helps create a free website and is open-source for further modification | Get basic website functionalities for free and need pay to upgrade for professional site development |
| You can upload your plugins to extend the functionality | No Plugin upload allowed. |
| Here, you can use your custom URL. | Free plans will be a sub-domain of WordPress |