4 Simple Steps to Building a Website with WordPress

Image-based website building

With Huawei Cloud's image-based website building solution, you can easily get a cloud server preinstalled with a content management system (such as WordPress) and a database and then set up your website within only a few clicks. This essentially saves you time and effort, as you would not need to install WordPress and the database separately.

This solution is most suitable for businesses and individuals with some level of coding ability. It offers a flexible alternative where developers can modify the code in the frontend and backend of content management systems (CMSs).

The three Huawei Cloud partners that are used for image-based website building are WordPress, Magento, and Joomla, with each offering unique solutions for your business.

WordPress is a free and open-source CMS that enables you to easily release, manage, and organize various types of content on your website. It includes a full LNMP stack (Linux, Nginx, MySQL, and PHP) so that you can easily deploy your website onto an elastic cloud server (ECS).

Magento is a modern cloud e-commerce platform with an open-source ecosystem. It provides the capabilities you need to build an online store from scratch, with security enhancements. It also includes step-by-step guidance you can use to set up a full-fledged, cloud-based website for effective marketing.

Joomla is a multi-award-winning, free, and open-source CMS that enables you to easily build websites and powerful online applications.

If you are considering this solution, contact our consultants to find out which of our packages suit your needs best.
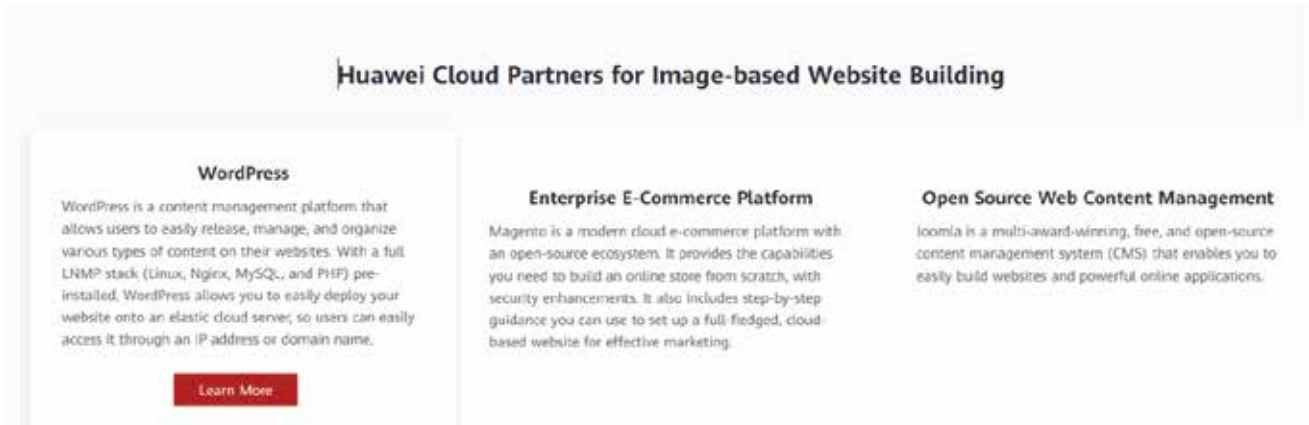
https://www.huaweicloud.com/intl/en-us/contact-sales.html

Let's use WordPress as an example to show you how you can build a website quickly with zero coding involved.

◎ **Step 1 Buy a cloud server preinstalled with WordPress.**

◎ **Step 2 Set up WordPress on the ECS.**

◎ **Step 3 Choose a theme and customize your website.**

◎ **Step 4 Register a domain name for your website.**

Buy a Cloud Server Preinstalled with WordPress

1. Visit the Huawei Cloud official website,
   https://www.huaweicloud.com/intl/en-us/solution/site-construction/preconfigured_images.html,
   and click **Learn More** under WordPress.

2. Select a region, image, billing mode, and ECS flavor. Click **Continue to Submit**.

3. Confirm basic settings, including the WordPress image, and click **Next**: **Configure Network**.

4. Configure network and security groups. Buy an elastic IP address. Then, click **Next**: **Configure Advanced Settings**.

5. Specify a name for the ECS for easy identification. Select your preferred **Login Mode**. Enable cloud backup and restore, so that you can restore your data should any unexpected incident occur. Specify other parameters.

⊚ **Key pair**

A key pair is used for ECS login authentication. You can select an existing key pair, or click **Create Key Pair** to create a new one.

📖 **NOTE**

If you use an existing key pair, make sure that you have saved the key file locally. Otherwise, you will be unable to log into the ECS.

⊚ **Password**

A username and its initial password are used for ECS login authentication.

The initial password of user **root** is used for authenticating Linux ECSs, while that of user **Administrator** is used for authenticating Windows ECSs.

📖 **NOTE**

The system does not periodically change the ECS password. It is recommended that you change your password regularly for security.

⊚ **Set password later**

The password for logging in to the ECS is not configured during the creation of the ECS. After the ECS is created, select **Reset Password** in the **Operation** column, set a password for the ECS as prompted, and log in to the ECS.

6. Confirm the settings. Select an enterprise project, the number of ECSs you want to buy, and agree to the **Service Level Agreement**, **Image Disclaimer**, **Marketplace EULA**, and **Marketplace Terms**. Then click **Submit**.

7. Go back to the ECS list and wait until the ECS status changes to **Running**.

Set up WordPress

1. Access the installation wizard: http://[server public network IP]/wordpress, where the server public network IP should be replaced with the EIP assigned to your ECS.

   If you're unable to access it, please check whether security group port 80 is open.

2. Prepare the database information as prompted and click **Let's go**!

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 don't have this information, then you will need to contact them before you can continue. If you're all ready...

Let's go!

3. Fill in the database connection information, including the database name, username, and password.
   Database user name: wordpressadmin, database password: ICis@123

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 use with WordPress.
Username	wordpressadmin	Your database username.
Password	ICis@123	Your database password.
Database Host	localhost	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	wp_	If you want to run multiple WordPress installations in a single database, change this.

Submit

4. After the database has been verified, enter the installation interface and click **Run the installation**.

5. Set the website title, administrator account, password, and email address, and click **Install WordPress**.
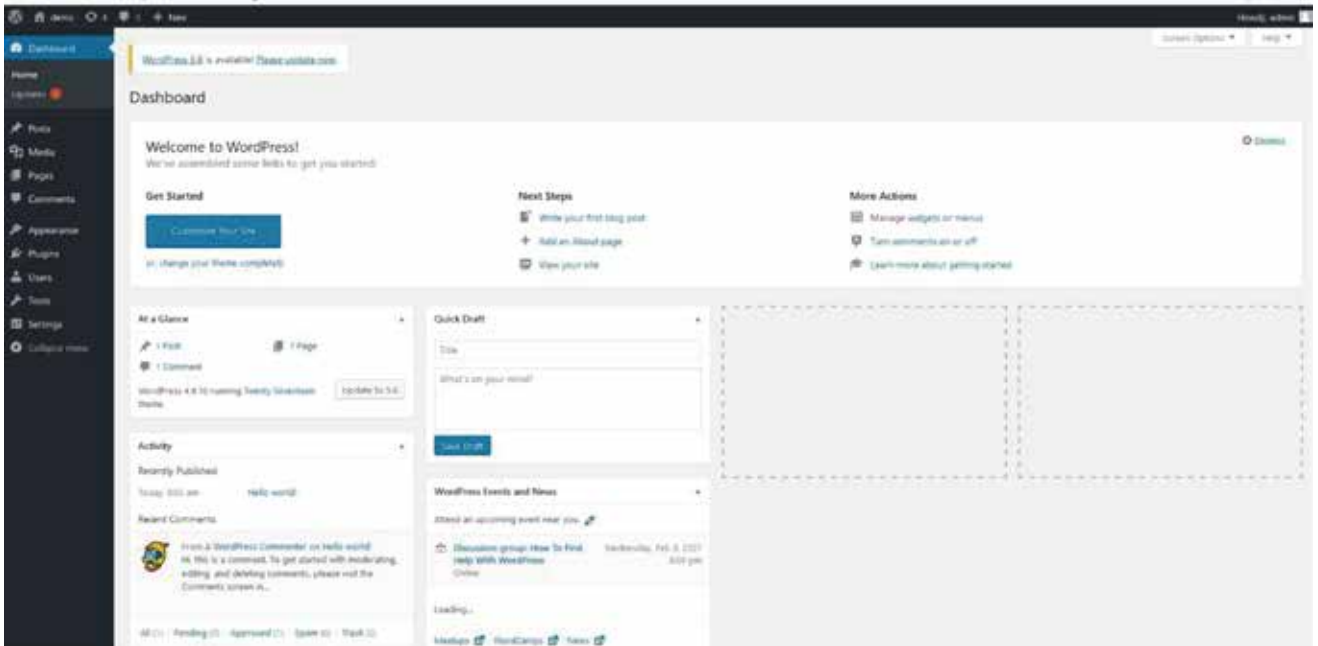
6. After the installation is complete, a successful installation interface will pop up.

7. Click **Log In** or visit "http//[server public network IP]/wordpress/wp-admin" in your browser, enter the user name and password and click **Log In** to enter WordPress.

Customize Your Site

1. Click **Customize Your Site** and alter the site to best represent your brand.

   Nothing makes a site feel more like an extension of you or your business than its look and feel. WordPress.com gives you all the tools to customize your site to be as unique and individual as you are!
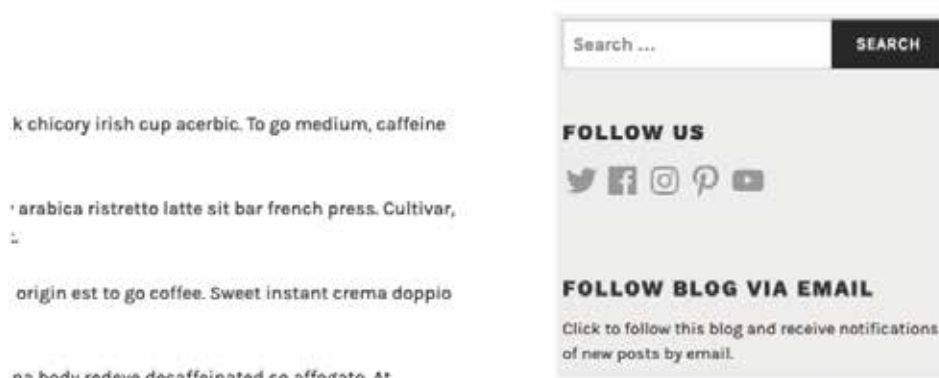
2. Choose a Theme

On WordPress, a *theme* determines the overall layout and design of your site. It can be an out-of-the-box solution or the starting point for your own customized design utilizing the **WordPress editor**.

◎ **How to choose the right theme for your site.**
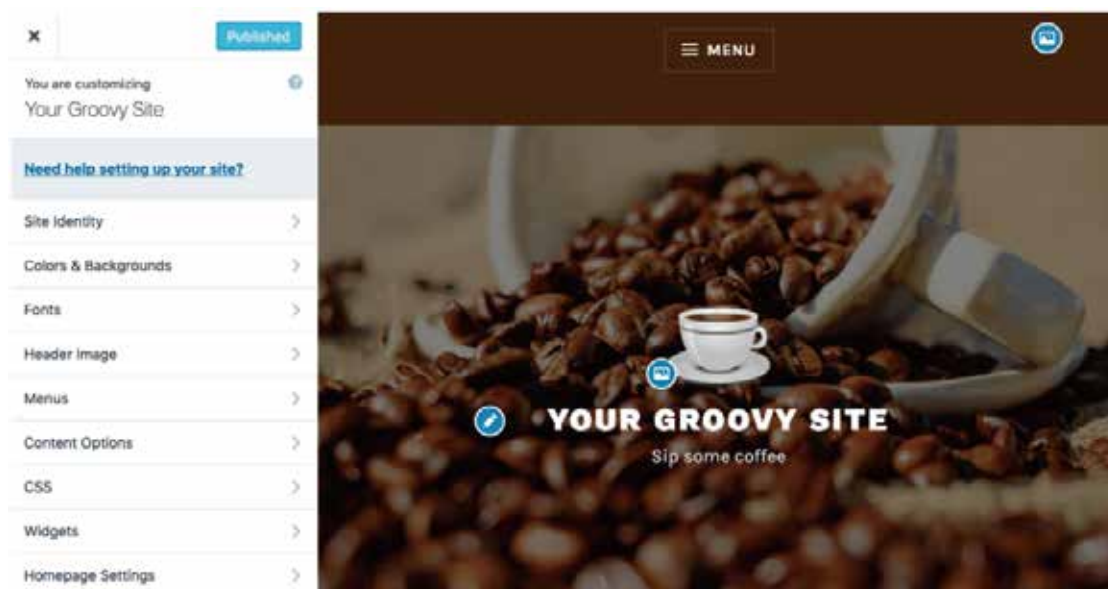
◎ **Explore the collection of themes.**

Widgets and Menus

With *Widgets*, you can customize the site's sidebar and footer with blocks of content. You can use *Menus* to create your site's navigation, drop-down menus, and more to direct visitors to the essential parts of your site.

◎ **Discover and Add Widgets**

◎ **Add Pages to your Menu**

◎ **Create Drop-Down Menus**

More Options to Customize

Check out the following ways you can continue to personalize your site and take it to the next level:

- ◎ **Choose the fonts** used on your site.
- ◎ Change your URL **by registering a new domain**.
- ◎ Learn more about all your **site settings**.

Register a Domain Name for Your Site

1. Sign in to Wopop.
   If you are not yet a member, click here to register
   Sign in to wopop.com, hover your mouse over Plans at the top of the website and click on **Domain.**

2. Check the availability of the domain name you want to use.
   Type a domain name in the field, and click **Search** to see if the domain's available for registration. You will need to register a different domain if the one you chose isn't available.
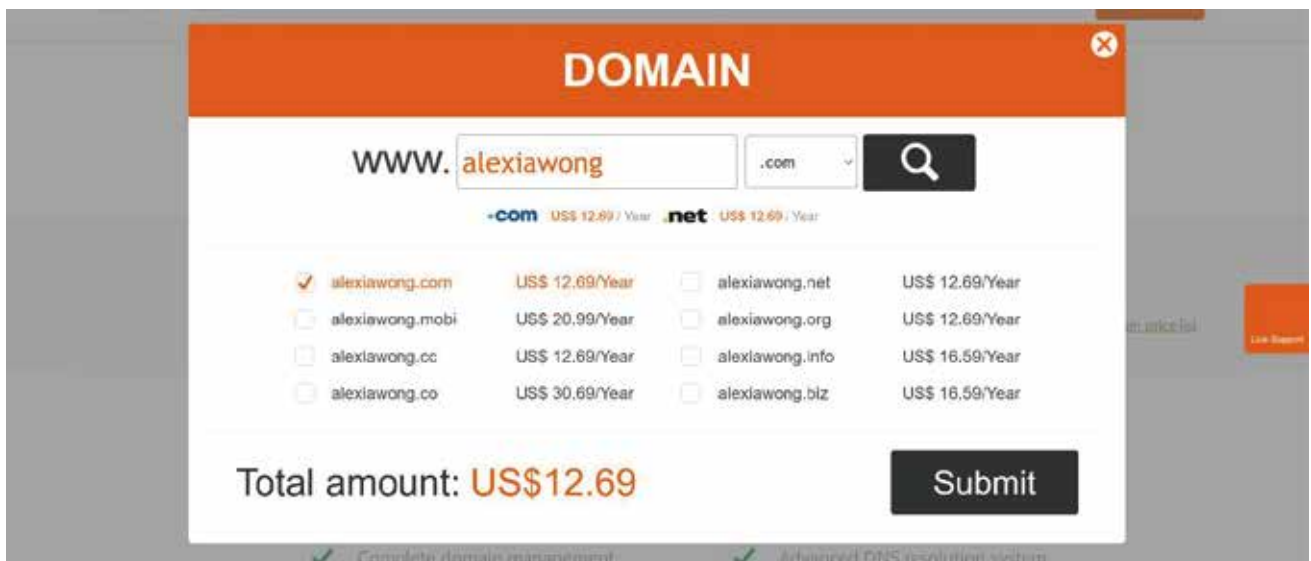
3. Create a domain name order.

   If the domain name is available, click **Submit**, and the domain will be added to your shopping cart.

4. Check out.

   Click on the **Shopping Cart**, and then choose the number of years you want to register it for.

   You must agree to the **Terms of Service** to register a new domain; after that, click check out.

5. Fill out the **Domain Registration Form**.

   Fill out the **Domain Registration Form**, then click **Submit**. You will be directed to the payment page.

   ◉ Registrant: the person or company who is the licensee of the domain name and has the right to use, sell or remove a domain name.

   ◉ Email: the Registrant Contact email. This email is authorized by the Registrant Contact to make any relevant changes to the domain name.

6. Pay for the order.

   Once you pay, the order is complete.

   Please note that for some domains, you need to fill in other required information or submit certain documents to make the domains valid.

   Payment Method:

   Accepted payment methods are online payments (Paypal, Alipay or credit card); cheques, direct bank deposits, and telegraphic transfers to http://www.wopop.com/PublicCenter/Help/Default.aspx

NOTE

You will not be able to cancel, modify, or delete a domain that you have purchased from Wopop; please be sure to verify that you have typed your domain name correctly.

Due to the special features of domain names, Wopop domain purchases are non-refundable.

Our consultants can provide one-on-one guidance to help you get started. They can analyze your requirements and help you choose the most appropriate and cost-effective approach.

Contact Huawei Cloud experts now to help you choose the best website building solution for your business:

https://www.huaweicloud.com/intl/en-us/contact-sales.html

Contact Us