



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.

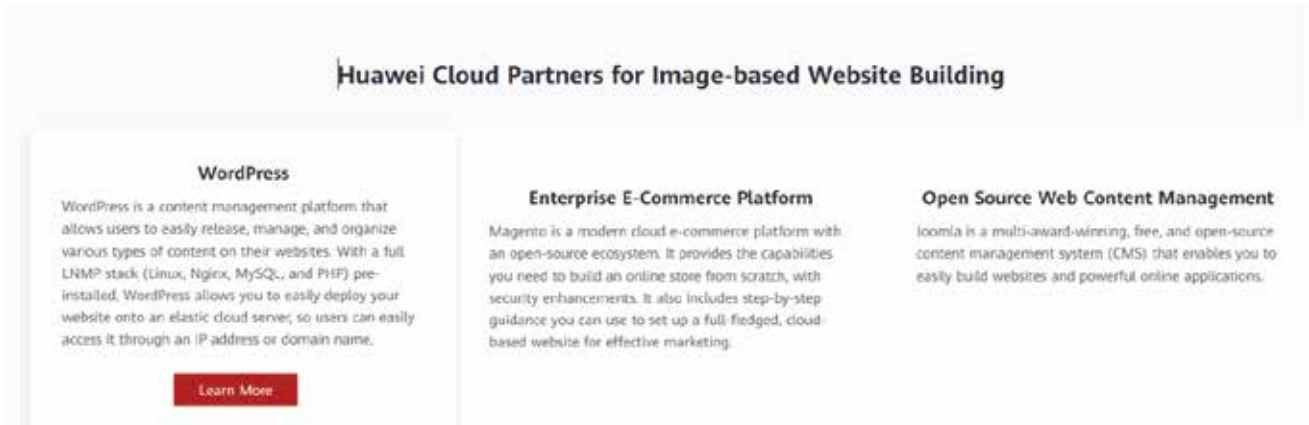
<https://www.huaweicloud.com/intl/en-us/contact-sales.html>

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

- ① **Step 1 Buy a cloud server preinstalled with WordPress.**
- ② **Step 2 Set up WordPress on the ECS.**
- ③ **Step 3 Choose a theme and customize your website.**
- ④ **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.



Huawei Cloud Partners for Image-based Website Building

WordPress

WordPress is a content management platform that allows users to easily release, manage, and organize various types of content on their websites. With a full LAMP stack (Linux, Nginx, MySQL, and PHP) pre-installed, WordPress allows you to easily deploy your website onto an elastic cloud server, so users can easily access it through an IP address or domain name.

[Learn More](#)

Enterprise E-Commerce Platform

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.

Open Source Web Content Management

looma is a multi-award-winning, free, and open-source content management system (CMS) that enables you to easily build websites and powerful online applications.

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

Pricing

Region:

Image:

Billing Mode:

Cost Details: The table below shows the pricing of the image and infrastructure hosted in the selected region. An ECS flavor with a star mark is recommended.

	ECS Flavor Name	vCPUs Memory	System Disk	Software USD/hour	ECS USD/hour	Total USD/hour
<input checked="" type="radio"/>	s3.large.2 ★ Recommended	2 vCPUs 4 GB	40 GB	0.01	0.068	0.078

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

The screenshot shows the 'Configure Instance Details' step of the AWS EC2 console. The 'OS Architecture' is set to 'x86_64'. The 'Region' is 'us-east-1'. The 'Instance Type' is 't3.micro'. The 'Specifications' section shows 'Latest generation' for 'vCPU' and 'Memory'. The 'Image' section shows 'Public image' selected, with 'Amazon Linux 2 (HVM) - x86_64' selected. The 'Storage' section shows 'EBS' selected. The 'Network' section shows 'Elastic Network Adapter' selected. The 'Subnet' is 'us-east-1-subnet-1'. The 'Security Group' is 'sg-1a2b3c4d'. The 'IAM Role' is 'ec2-instance-profile'. The 'Key Pair' is 'my-key-pair'. The 'Monitoring' section shows 'Amazon CloudWatch' selected. The 'Price' section shows '\$0.041 USD/hour' for the instance and '\$0.01 USD/hour' for the image. The 'Next: Configure Network' button is visible at the bottom right.

Instance Name	vCPUs (Memory) GB	CPU	Approx. / Maximum Bandwidth	Price Per Second (PPS)
t3.micro	1 vCPU (1 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000
t3.small	2 vCPUs (2 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000
t3.medium	2 vCPUs (4 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000
t3.large	4 vCPUs (8 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000
t3.xlarge	8 vCPUs (16 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000
t3.2xlarge	16 vCPUs (32 GB)	Intel Xeon Platinum 8160	1.0 / 4.0 Gbps	300,000

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

The screenshot shows the 'Configure Network' step of the AWS EC2 console. The 'Network' section shows 'us-east-1' selected. The 'Subnet' is 'us-east-1-subnet-1'. The 'Security Group' is 'sg-1a2b3c4d'. The 'IAM Role' is 'ec2-instance-profile'. The 'Key Pair' is 'my-key-pair'. The 'Monitoring' section shows 'Amazon CloudWatch' selected. The 'Price' section shows '\$0.041 USD/hour' for the instance and '\$0.01 USD/hour' for the image. The 'Next: Configure Advanced Settings' button is visible at the bottom right.

Security Group Name	Priority	Action	Protocol & Port	Type	Name	Description
sg-1a2b3c4d	1	Permit	TCP: 80	IPv4	HTTP	Allow HTTP traffic
sg-1a2b3c4d	1	Permit	TCP: 443	IPv4	HTTPS	Allow HTTPS traffic
sg-1a2b3c4d	1	Permit	ICMP: All	IPv4	ICMP	Allow ICMP traffic
sg-1a2b3c4d	1	Permit	ICMP: All	IPv6	ICMPv6	Allow ICMPv6 traffic

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.

The screenshot shows the 'Configure Advanced Settings' step of the Elastic Cloud Server creation process. The 'ECS Name' field is set to 'ecs-001'. The 'Login Mode' is set to 'Any port'. The 'Key Pair' is set to 'default_keypair'. The 'Cloud Backup and Recovery' section has a 'Create now' button. The 'ECS Group (Optional)' section has a 'Create ECS Group' button. The 'Advanced Options' section has a 'Configure now' button. The bottom of the page shows a price summary: ECS Price \$0.065 USD/hour and Image Price \$0.01 USD/hour.

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.

- 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**.


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

Name/ID	Monitoring	AZ	Status	Specifications/Image	IP Address	Billing Mode	Tag	Operation
ecs-ecs-aliyun-ecs-ecs ed7f0ba-0825-4a53-8f5e-d3ed5d5416	[icon]	AZ1	Running	1 x CPU, 2 GB (c6.xlarge.2) WordPress Image 01 (WordPress Website Building System Image)	192.168.0.168 (Private IP)	Pay per use Created on Mar 01, 2023 15:00		Remote Login More

Set up WordPress

- Access the installation wizard: [http://\[server public network IP\]/wordpress](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...

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	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="wordpressadmin"/>	Your database username.
Password	<input type="text" value="ICis@123"/>	Your database password.
Database Host	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

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**.

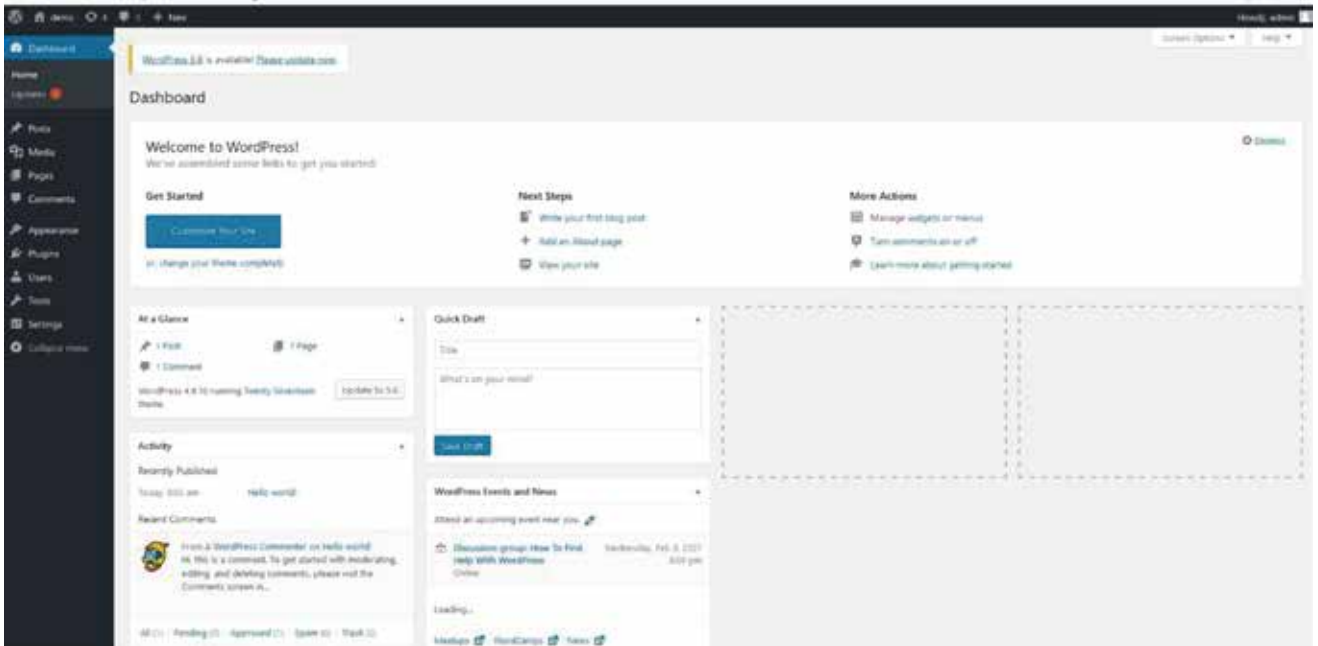
This screenshot shows the "Welcome" screen of the WordPress installation process. It features the WordPress logo at the top. Below the logo, the heading "Welcome" is followed by a message: "Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world." The section "Information needed" follows, with a note: "Please provide the following information. Don't worry, you can always change these settings later." The form contains several fields: "Site Title" with the value "demo"; "Username" with the value "admin"; "Password" with the value "moR5cV..." and a "Hide" button; and "Your Email" with the value "admin@example.com". Below the email field is a note: "Double-check your email address before continuing." There is also a "Search Engine Visibility" section with a checkbox labeled "Discourage search engines from indexing this site" and the text "It is up to search engines to honor this request." At the bottom, there is a button labeled "Install WordPress" which is highlighted with a red rectangular border.

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!

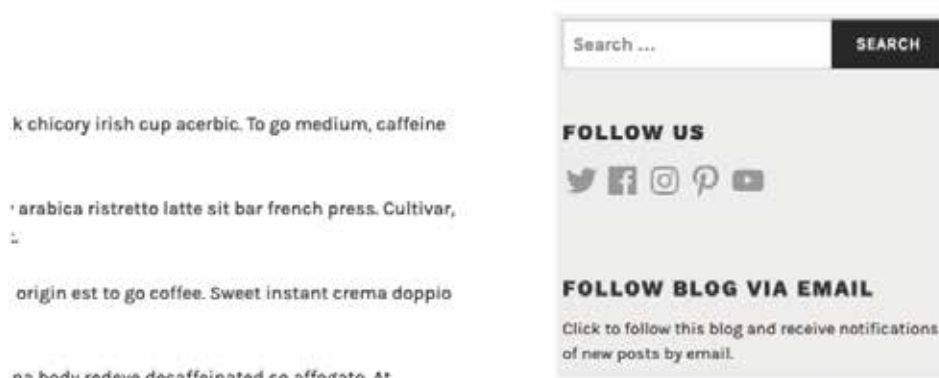


2. Choose a Theme

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.](#)



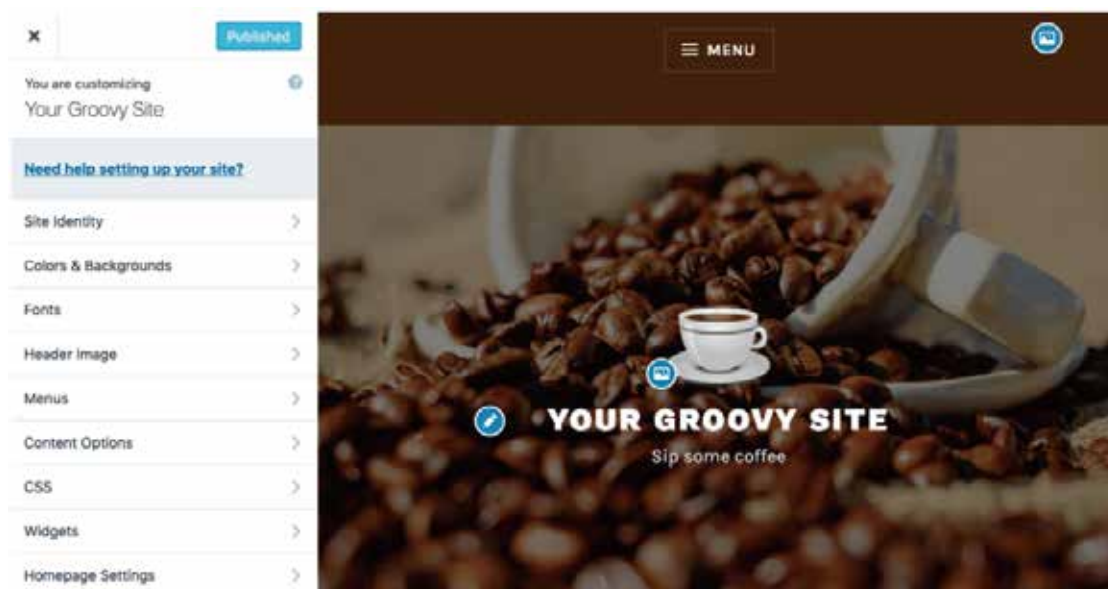
Widgets and Menus

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.

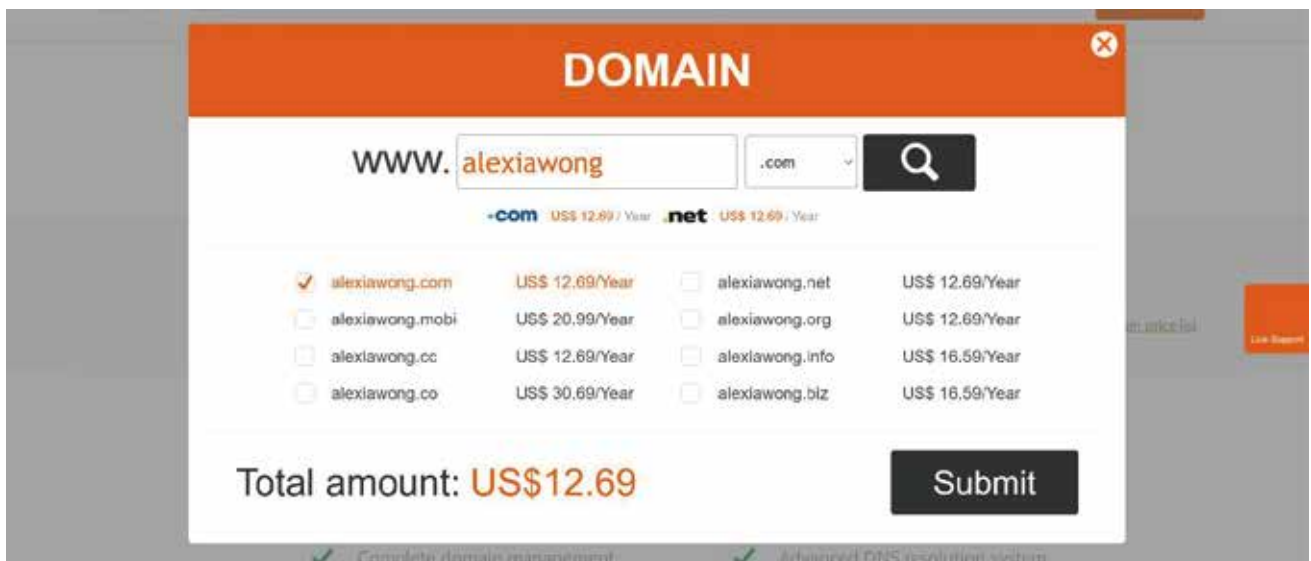


Register your domain name here you will enjoy

- ✓ Leading domain service
- ✓ Complete domain management
- ✓ Complete after-sales support
- ✓ Domain transfer in & out
- ✓ Advanced DNS resolution system
- ✓ 50 sub-domain resolution

3. Create a domain name order.

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



The screenshot shows a domain registration window titled "DOMAIN". It features a search bar with "WWW. alexiaiwong" and a ".com" dropdown. Below the search bar, there are two options: ".com US\$ 12.69 / Year" and ".net US\$ 12.69 / Year". A table lists various domain extensions with their prices:

Domain	Price
<input checked="" type="checkbox"/> alexiaiwong.com	US\$ 12.69/Year
<input type="checkbox"/> alexiaiwong.mobi	US\$ 20.99/Year
<input type="checkbox"/> alexiaiwong.cc	US\$ 12.69/Year
<input type="checkbox"/> alexiaiwong.co	US\$ 30.69/Year
<input type="checkbox"/> alexiaiwong.net	US\$ 12.69/Year
<input type="checkbox"/> alexiaiwong.org	US\$ 12.69/Year
<input type="checkbox"/> alexiaiwong.info	US\$ 16.59/Year
<input type="checkbox"/> alexiaiwong.biz	US\$ 16.59/Year

At the bottom, it shows "Total amount: US\$12.69" and a "Submit" button. There are also two green checkmarks at the bottom: "Complete domain management" and "Advanced DNS resolution system".

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